5 - 2015

50 TH ANNIVERSARY

PRODUCT GUIDE 2016

ecler

ABOUT US

Throughout these 50 years, since **Ecler's** birth back in 1965, we have always developed our **professional audio catalogue** trying to listen to you.

Today **Ecler** still keeps this aim untouched. We understand that these days rapidly changing technology must be a flexible tool to provide **global integrated audio solutions**, more than just individual products.

We keep focusing on **innovation and design**, both of which are essential. And we spot how they really add value: amazing features combined with a user-friendly and ergonomic **approach for the end-user**, the non-technical character of the story, but indeed the main one.

We realise that today **AV integration** has become a growing and solid market, frequently encouraging companies towards a global scope, with requests for global **audio partners**, like **Ecler**.

A global **green awareness** is, happily, growing as well. We are proud of being part of this vital commitment, **taking care of the planet** with products designed for **energy-saving** and **manufactured with sustainable policies.**

Ecler is ready to **offer you a quality sound solution for every audio installation** and integration challenge you may face. This has always been our goal, and we honestly think it has been achieved.

Ecler. Innovating with you.

EXPERIENCE

Reliability is a must. All **ECLER** products are designed to deliver a long, solid and failure-free working life, even in extreme use conditions, thereby guaranteeing low MTBF (Mean Time Between Failures) ratios. We individually test 100% of our products, avoiding the typical random samples testing procedures in the industry. This leads us antirely TRUSTWORTHY manufacturing quality.
ECLER is an ISO 9001 certified company.

INNOVATION

ECLER firmly believes that INNOVATION is essential in providing the market with audio solutions that require a pioneer approach.
SPM amplification patented technology and EclerNet proprietary hardware&software platform, including Ethernet remote control of the MIMO 88 digital matrix and NXA/ NPA digital devices, are clear examples of our achievements.

OUR VALUES

ERGONOMICS

Versatility. Our products have been designed to meet the technical and user requirements of a wide range of applications and environments. A good example is our WPmSCREEN digital remote controller for the EclerNet range of products: a touch-screen based device that can be tailored to graphically control and manage a whole installation, exactly meeting each end user profile and needs.
ECLER cares about control interfaces being as much user-friendly as possible.

DESIGN

ECLER has been the first pro audio company to partner with the famous Italian industrial designer Giugiaro (www.italdesign.it).
The results of our collaboration are the loudspeaker cabinet series AUDEO and VERSO.

ELECTRONICS WARRANTY 3 YEARS

GREEN

We're really committed with the planet's health, energy saving and CO_2 emission reduction. SPM Technology, class D amplifiers, switching power supplies and auto-standby function provide our electronics with higher efficiency and lower energy wasting. Recycling materials and using non-contaminant components are also top priorities in our green crusade.

GLOBAL

Our philosophy is to provide our customers with a global solution. Firstly, this involves offering an extensive range of products under one single and solid roof. Secondly, to operate in more than 50 countries. People are one of our chief assets: a wide distribution network, relational marketing, product specialists, our own projects department, technical assistance service, training and cooperation... all with a view to better understanding what is required from our company and our SERVICE. Because global customers deserve a global solution.
One supplier, a global partnership.

1965-2015 Ecler50 TH ANNIVERSARY

OUR PHILOSOPHY/

Ecler catalogue includes several product technology levels in order to offer installers and end users complete and efficient solutions, ranging from basic and budget-minded ones to sophisticated, ergonomic and integration-friendly ones.

We can clearly picture both ends of our catalogue with these two product categories:

• **ECLER ESSENTIALS**: a product range where we preserve the essence of ECLER in terms of reliability, quality and features at a very attractive price point. Each product reference that belongs to this range contains at the beginning the following "e" prefix = essential and its own series logo (in that way ESSENTIALS can be easily identified within ECLER product range).

• **ECLER DIGITAL, software-managed** devices: premium digital products like matrices, amplifiers, audio managers, audio players, streaming receivers, control panels and Audio Over IP (DANTE) compatible devices that share our software management platforms (EclerNet and EclerCOMM), embed third-party integration and control protocols (TP-NET, CA-NET) and offer full customization to each project single requirement.

In between, still room for a wide offer of analogue audio products, including a premium level of features, audio quality and reliability.

REFERENCES BY MARKETS/

COMMERCIAL/

HOSPITALITY/

EDUCATION/

CORPORATE/

SPORTS AND WELLNESS/

HOUSE OF WORSHIP/

LEISURE/

COMMERCIAL/

Senses and emotions: while 83% of all commercial communication appeals only to one sense, our eyes, 75% of our day-to-day emotions are influenced by what we smell, and there is a 65% chance of a positive mood change when exposed to "positive" sounds. Senses and the emotions we feel as a result of what we sense have a very big impact on our purchasing behavior.

Music affects the consumer's behavior. The genre, loudness and tempo of music played have an effect on the consumer's length of stay, the value of their purchases, and the brands they choose in the establishment.

The sound quality also has a significant impact on a consumer's behavior. Distorted sound, a lack of clarity on vocals, or a poor low frequency response, can all lead to an unpleasant sensation that affects the way the consumer feels and then behaves.

Lastly, it must be said that each brand wants to be unique and to have a clear personality. Music content at POS is a key element in building this personality.
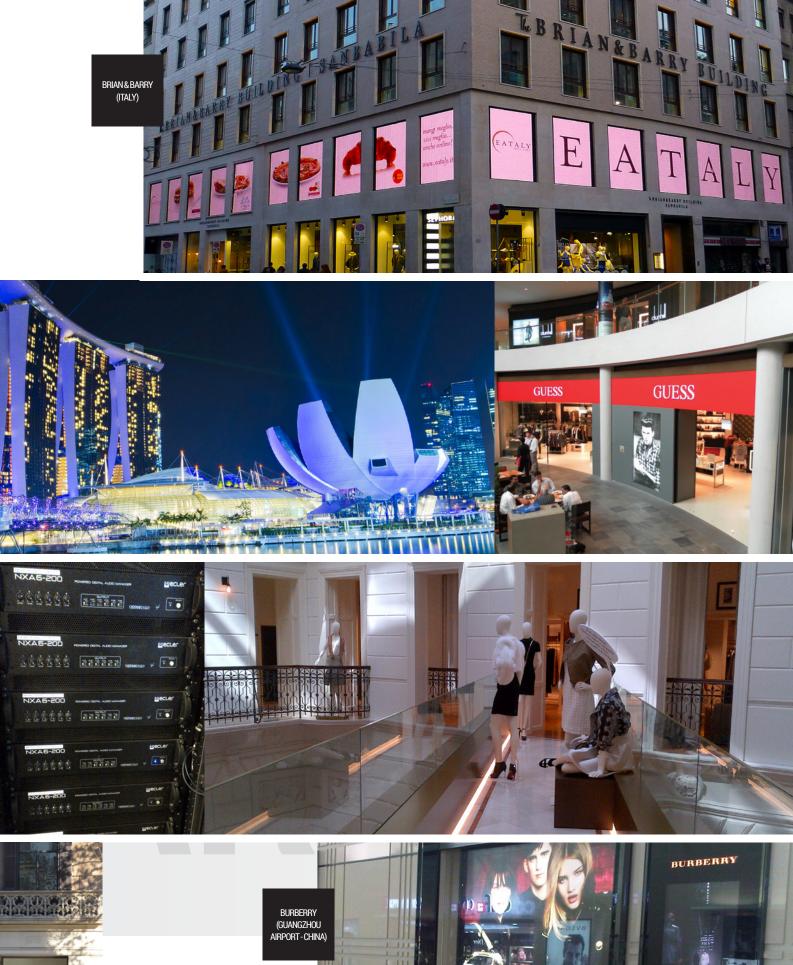
SHOPPES AT MARINA BAY SANDS (SINGAPORE)

IL BACIO DI STILE BUDAPEST (HUNGARY)

PIERRE CARDIN WARSAW

BRIAN & BARRY
(ITALY)

BURBERRY
(GUANGZHOU
AIRPORT - CHINA)

MANGO
BARCELONA
(SPAIN)

HOSPITALITY/

The tempo of music has a direct impact on a consumer's behavior. The right background music creates a comfortable and relaxing environment in hotels, bars and restaurants.

If we talk about public address messaging, then intelligibility is the most important issue (e.g. emergency messages). This requires a level of sound quality and clarity too often missing in public address systems. In other situations, like a seminar in a hotel, a professional audio system should cover a conference room with clear sound in every single area. Additionally, a well-designed and balanced system reduces vocal strain and fatigue, overcomes background noise easily and improves conference room management by increasing efficiency and acoustic comfort.

LE FOUQUET
PARIS
(FRANCE)

HOTEL BRISTOL
WARSAW
(POLAND)

SHERATON HOTEL
ISTANBUL
(TURKEY)

GREEN PARK PENDIK
HOTEL
ISTANBUL (TURKEY)

HOTEL BERBERYS
(POLAND)

HOTEL MONT-ROYAL
CHANTILLY
(FRANCE)

9

EDUCATION/

Audio intelligibility is a key factor in the learning process. A professional audio system should help students to understand every word that is spoken. For this reason sound quality should be a priority in any classroom installation.

Music integrated into classroom routines and practice can enhance learning by heightening thinking, processing and memory skills.

Music is an enriching and valuable academic subject. A quality music education can improve self-esteem, behavior and social skills, as well as improve academic attainment in areas such as mathematics, literature and languages.

Music stimulates anticipation, builds atmosphere and helps establish a positive learning atmosphere. The rhythmic elements of music can facilitate and promote effective memorization, and the multisensory dimension of using music to layer other sensory triggers for learning helps energize the learning process. Many schools use music to sustain and focus children's concentration for extended periods of time.

UNIVERSITÁ DI ROMA (ITALY)

SURREY UNIVERSITY (UK)

MARIE CURIE UNIVERSITY (LUBLIN - POLAND)

UNIVERSITÉ PARIS 13 (FRANCE)

CORPORATE/

The role of audio in a corporate installation can be quite diverse. In most cases there will be background music in common areas to create a pleasant environment. There should also be the ability to address voice messages to employees. Furthermore it is most likely that there will be meeting rooms where we will try to have our minutes of glory presenting a brilliant proposal to a customer or to an internal audience using a multimedia format. Additionally there could be training rooms where we could educate employees or customers.

In all these cases sound quality and clarity are essential. There are some other key factors to take into account: the efficiency and user-friendliness for non-technical users, the ability to send digital audio content to different zones and/or the possibility to integrate audio with video, lighting or motorized screens under the same UCP (User Control Panel)

KOTRA PHARMA
(MALAYSIA)

EUROPEAN
COUNCIL
BRUSSELS
(BELGIUM)

GIUGIARO
SHOWROOM
(ITALY)

TELECOM
MALAYSIA

MINISTERY OF
AGRICULTURE
(POLAND)

SPORTS & WELLNESS/

Audio plays a very important role in sports & wellness venues. It can help you to relax in a yoga room, to dance in a salsa class, to keep rhythm in a spinning class - or it can be used to entertain with music at sports event or, even more important, address a relevant voice message to the audience (i.e. an emergency or evacuation message).

Therefore the audio system must be flexible enough to supply the right sound in each instance. There will be a need for sound sources with pitch control to modify the rhythm of the music, digital matrices and processors to send the audio contents to each one of the different destination zones, power amplifiers and loudspeakers to cover small and big distances and surfaces. But overall the key factor will be to achieve an audio quality that provides wellbeing when you want to relax, yet powerful enough when you are training or clear and intelligible when a message is addressed to you.

SKI WORLD CUP
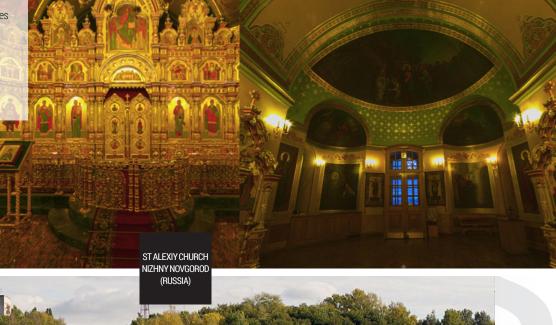VAL DI FIEMME
(ITALY)

NURBURGRING
CIRCUIT VIP LOUNG
(GERMANY)

CHEMKOSTAV
ARENA
MICHALOVCE
(SLOVAKIA)
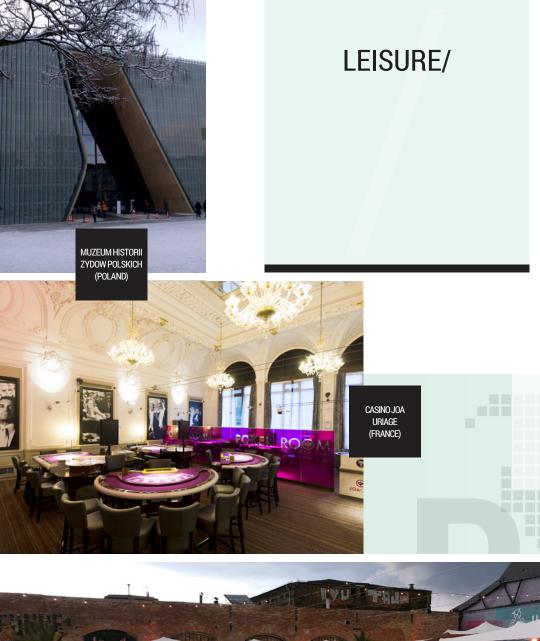
CROWN ARENA
KOSICE
(SLOVAKIA)

HOUSE OF WORSHIP/

Typically, houses of worship are buildings without any kind of acoustic treatment on their interior surfaces. Most of them were built decades or centuries ago and at that time acoustics was not a major issue. Walls, ceilings and floors reflect the sound easily, creating reverberation and so poor intelligibility.

If we want voice messages to reach the audience in a very clear and intelligible way, we will need to digitally process the audio signal in order to reduce low frequencies that mask mid and high ones, where human voice intelligible information is mainly found. Additionally we will have to use very directive loudspeakers that minimize acoustic reflections on surfaces (walls, ceiling, floor, furniture).

 Choosing the right equipment, the one that assures audio quality and intelligibility, will be a must.

ST ALEXIY CHURCH NIZHNY NOVGOROD (RUSSIA)

OUR LADY OF LOURDES CATHOLIC CHUCH (SINGAPOUR)

LEISURE/

There is a wide range of available leisure installations: museums, theme parks, theaters, cinemas, bars or clubs...

In a museum audio can play a role of as part of interactive multimedia presentation or as a public address system. Audio therefore must be able to be integrated with video or other multimedia devices.

In a theme park it can entertain the visitors by playing music or direct voice messages to them. Audio will be placed outdoors in most of the cases and for this reason equipment must be designed to perform under different extreme weather conditions.

In a theater or cinema you want to understand the dialogue perfectly and, at the same time, you want to be transported to a different world for a couple of hours. In this case the music soundtrack and special effects will be often employing a multichannel immersive sound system. Good intelligibility and audio dynamics will always be key factors.

In a bar music can create the perfect atmosphere to drink a beer and chat with friends without needing to shout to be heard. An excellent sound quality is a must if we don't want to create audio and vocal fatigue.

In a club music is the key factor: it must make us dance. Without good sound there is no party. Reliability and a sound system with enough definition and punch, able to deliver all the power all the time, is essential.

MUZEUM HISTORII
ZYDOW POLSKICH
(POLAND)

CASINO JOA
URIAGE
(FRANCE)

HAUBENTAUCHER
BERLIN
(GERMANY)

MAYBACH
MUSEUM
(GERMANY)

INDEX/

That's where the audio chain starts, where sounds are captured or reproduced, and that's where quality must start as well.

Ecler provides a fine selection of installation microphones: handheld, gooseneck, lavalier, headset and even wireless transmitters and receivers.

Music and pre-recorded messages playback is supported too, with media players compatible with local storage and remote tracks reproduction, as well as Internet streaming reception.

SOUND SOURCES/

eMIC series includes the perfect model for every speech requirement in a pro audio installation:

eMHH1 and **eMHH2**: Handheld Dynamic Microphones
eMCN1 and **eMCN2**: Gooseneck, Conferencing type Microphones
eMHS1BG: Headset Microphone
eMLV1: Lavalier Microphone
eMWE: Wireless Beltpack Transmitter
eMWH: Wireless Handheld Transmitter
eMWR: Wireless Receiver
eMICFIT: Fitness & Sports Microphone

SOUND SOURCES/
MICROPHONES

Applications
- Live music
- Speech

Handheld Cardioid Dynamic Microphone

ECLER ESSENTIALS eMHH1 is an affordable handheld dynamic microphone, with a robust design that makes it ideal for voice applications. It comes with a microphone stand adapter, 6 metres XLR cable and transport bag.

Key Features
- Cardiod polar pattern
- Robust design
- ON/OFF Switch
- XLR standard connection

Main Technical Specifications		
Polar pattern	cardioid			
Frequency response	50 Hz - 14 kHz			
Sensitivity	-53dB ± 3dB (0dB = 1V / Pa at 1 kHz)			
Output impedance	600Ω ± 30% (at 1 kHz)			
Others	ON / OFF switch			
Dimensions / weight	H: 185 mm	L: 50 mm	W: 50 mm	246 g.
Packing contents	eMHH1 + XLR cable (6 metres) + stand adapter + transport bag			

Accessories
- N/A

Applications
- Live music
- Speech

Handheld Cardioid Dynamic Microphone

ECLER ESSENTIALS eMHH2 is a professional handheld dynamic microphone, with a robust and standard design, perfect for voice applications. It comes with a microphone stand adapter and a transport bag.

Key Features
- Cardiod polar pattern
- Robust design
- XLR standard connection

Main Technical Specifications	Polar pattern	cardioid			
	Frequency response	50 Hz - 14 kHz			
	Sensitivity	-53dB ± 3dB (0dB = 1V / Pa at 1 kHz)			
	Output impedance	390Ω ±30% (at 1 kHz)			
	Others				
	Dimensions / weight	H: 170 mm	L: 53 mm	W: 53 mm	275 g.
	Packing contents	eMHH2 + stand adapter + transport bag			

Accessories
- N/A

eMCN1/ eMCN2/ eMBASE

Applications
- Conferencing
- Voice messages
- Speech

Gooseneck Condenser Microphone / Desktop Connection Base

ECLER ESSENTIALS eMCN1 is a condenser gooseneck microphone, with a perfect profile for message, speech and conferencing applications. Total length = 35 cm. It includes anti-pop wind-screen cover.

ECLER ESSENTIALS eMCN2 is a condenser gooseneck microphone, with a perfect profile for message, speech and conferencing applications. Total length = 55 cm. It includes anti-pop wind-screen cover.

ECLER ESSENTIALS eMBASE is a desktop connection base for the eMCN1 and eMCN2 microphones, as well as for other microphones with standard XLR connector. It includes ON / OFF switch that enables / disables the microphone signal.

Key Features
- Cardiod polar pattern
- XLR standard connection

Main Technical Specifications		
Polar pattern	cardioid	
Frequency response	50 Hz - 16 kHz	
Sensitivity	-38dB ±3dB (0dB=1V/Pa at 1 kHz)	
Output impedance	250Ω ± 30% (at 1 kHz)	
Others	Phantom Power: 48V	
Dimensions / weight	H: 350 mm (CN1) / 550 mm (CN2)	
Packing contents	eMCN1 or eMCN2 + anti-pop wind-screen (mic desktop base not included)	

Accessories
- eMBASE desktop mircophone stand

eMHS1BG/ eMLV1/ eMMX

Applications
- Conferencing
- Education
- TV/radio
- Events
- Speech

Headset / Lavalier Condenser Microphones / Mini-XLR Male to XLR Male Adapter

ECLER ESSENTIALS eMHS1BG is a headset condenser mini-microphone in beige colour and with a very light and comfortable format for the user. It features a mini-XLR connector, compatible with the eMWE UHF wireless beltpack unit. It includes anti-pop wind-screen cover and transport case.

ECLER ESSENTIALS eMLV1 is a LAVALIER condenser mini-microphone in black colour. It features a mini-XLR connector, compatible with the eMWE UHF wireless beltpack unit. It includes an anti-pop wind-screen cover.

ECLER ESSENTIALS eMMX is a mini-XLR male to XLR male adapter, that allows to connect any mini-XLR microphone (like the eMLV1 and eMHS1BG) to a standard XLR audio input (mixer, processor, matrix, etc.).

Key Features
- eMHS1BG: omnidirectional polar pattern
- eMLV1: cardioid polar pattern
- Mini-XLR connector

Main Technical Specifications					
Polar pattern	omnidirectional (eMHS1BG) / cardioid (eMLV1)				
Frequency response	50 Hz - 16 kHz				
Sensitivity	-44dB ±3dB (0dB=1V/Pa at 1 kHz)				
Output impedance	390Ω ±30% (at 1 kHz)				
Others	Phantom Power: 1.5 - 9V				
Dimensions / weight eMHS1BG	H: 150 mm	L: 150 mm	W: 80 mm	19 g.	
Packing contents eMHS1BG	eMHS1BG + anti-pop wind-screen + transport bag				
Dimensions / weight eMLV1	H: 40 mm	L: 35 mm	W: 35 mm	19 g.	
Packing contents eMLV1	eMLV1 + anti-pop wind-screen				

Accessories
- eMMX mini-XLR male to XLR male adapter

SOUND SOURCES/

MICROPHONES/

eMWR

Applications
- Conferencing
- Education
- TV/radio
- Events
- Speech

Wireless UHF Microphone Receiver

ECLER ESSENTIALS eMWR is a wireless UHF microphone receiver, compatible with the eMWE (beltpack) and eMWH (handheld) microphone transmitters. It includes a transport bag.

Key Features

- UHF microphone receiver
- Compatible with the eMWE (beltpack) and eMWH (handheld) microphone transmitters
- Includes transport bag

Main Technical Specifications	Frequency response	60 Hz - 18 kHz			
	Carrier frequency	UHF 620 - 950 MHz			
	Others	Double output: XLR + jack connectors (balanced / unbalanced)			
	Dimensions / weight eMHS1BG	H: 48 mm	L: 215 mm	W: 180 mm	1080 g.
	Packing contents eMHS1BG	eMWR			

Accessories

- N/A

Applications

■ Conferencing
■ Education
■ TV/radio
■ Events
■ Speech

Handheld / Beltpack UHF Wireless Transmitter

ECLER ESSENTIALS eMWH is a wireless UHF handheld microphone transmitter, compatible with the eMWR receiver. It includes a transport bag.

ECLER ESSENTIALS eMWE is a wireless UHF beltpack transmitter compatible with the mini-XLR microphones, like the eMHS1BG and eMLV1, and the eMWR receiver. It includes a transport case.

Key Features

■ UHF microphone transmitters
■ Compatible with the eMWR wireless UHF microphone receiver
■ Includes transport bag
■ Battery: 2xAA

Main Technical Specifications	Polar pattern	cardioid (eMWH)			
	Frequency response	50 Hz - 16 kHz			
	Carrier frequency	UHF 620 - 950 MHz			
	Output Power	30 mW / 3 mW			
	Others	Battery: 2 x AA			
	Dimensions / weight eMWH	H: 260 mm	L: 55 mm	W: 55 mm	410 g.
	Dimensions / weight eMWE	H: 190 mm	L: 65 mm	W: 20 mm	121 g.
	Packing contents	eMWH or eMWE + transport bag			

Accessories

■ N/A

SOUND SOURCES/

MICROPHONES/

eMICFIT

Applications
- Sports
- Fitness
- Outdoor events
- Speech

Fitness Headset Microphone

ECLER ESSENTIALS eMICFIT is a headset condenser microphone including a water and sweat resistant treatment, ideal for sport and fitness applications. It features a mini-XLR connector, compatible with the eMWE UHF wireless beltpack unit. It includes a transport case.

Key Features
- Omnidirectional polar pattern
- Mini-XLR connector

Main Technical Specifications	Polar pattern	omnidirectional			
	Frequency response	50 Hz - 16 kHz			
	Output impedance	3000Ω ± 30% (at 1 kHz)			
	Others	Phantom Power: 1.5 - 9 V			
	Dimensions / weight eMWH	H: 75 mm	L: 210 mm	W: 150 mm	45 g.
	Packing contents	eMICFIT + anti-pop wind-screen + transport bag			

Accessories
- eMMX mini-XLR male to XLR male adapter

A choice of media players ranging from our basic **ePLAYER1** (Single Streaming receiver and media player) to the top-notch **DUO-NET PLAYER**, a device with 2 independent stereo outputs, able to receive 2 independent Internet streams and to become a part of a smart EclerNet project, including events triggering, priority signals playback, remote control by means of UCP custom-made remote panels...

SOUND SOURCES/
MUSIC SOURCES

SOUND SOURCES/

MUSIC SOURCES/

ePLAYER1

Applications

- Audio sound source in A/V corporate, retail and education applications
- BGM & Paging solutions, with message triggering and program BGM
- Integration in installation global control systems

Streaming & Local Media Audio Player

ECLER ESSENTIALS ePLAYER1 is a compact audio player with a stereo output that can play music contents from local storage media (USB/SD card), Internet streams or digital sharing streams (DLNA and Airplay compatible).
It includes Ethernet port, WiFi connection, USB and SD reader slots, front panel LCD display and local controls.

Key Features

- Single-deck audio player
- Stereo output, RCA connectors
- Internet streaming receiver
- Digital sharing streams receiver (DLNA and Airplay)
- Local media player (from USB and SD card slots)
- Front panel LCD display and local controls

Main Technical Specifications	Audio Outputs	1 x stereo unbalanced, LINE level, RCA type + minijack			
	Communication Interfaces	1 x Ethernet (RJ45), 1 x WiFi, 2 x GPI (0-10 VDC)			
	Local media slots	USB, SD/SDHC			
	Audio DAC Specs	24bit / 48kHz, compatible with mp3, ogg, AAV, WAV, AAC			
	Others	RTC included, 120 hours aprox.			
	Dimensions / weight	H: 241 mm	L: 44 mm	W: 152 mm	680 g

Accessories

- N/A

SOUND SOURCES/

MUSIC SOURCES/

2VSP-RS

Applications

- ■ BGM audio in single or multi-zone applications
- ■ Fitness
- ■ Fixed sound source in clubs, pubs, etc.

Dual Media Player

ECLER 2VSP-RS ia double sound source with RS-232 interface, including one FM radio tuner and one player with CD-drive, USB slot and SD card slot readers. The 2VSP includes 3 audio outputs: tuner output, multi-format player output and a third one called PRIORITY, which delivers the same audio as the CD / USB / SD player as long as it is playing, switching to the FM tuner audio when the CD / USB / SD player stops.
The Vari-Speed control modifies track's tempo from the front panel knob or the IR remote control, a function focused to fitness applications.

Key Features

- ■ Double-deck audio player
- ■ RS-232 interface for third-party remote control
- ■ FM TUNER with 30 presets and RDS
- ■ CD / USB / SDHC (max. 32GB) card readers (PCM and mp3 formats supported)
- ■ Anti-shock system in CD reader
- ■ FM tuner RCA stereo output
- ■ CD / USB / SD and SDHC card player RCA stereo output
- ■ PRIORITY RCA stereo output (deliver the same audio as the CD / USB / SD player until it finishes, switching to the FM tuner audio)
- ■ IR remote control (included)
- ■ Digital Vari-Speed control for tracks' tempo modification (adjustable by means of the front panel knob or IR remote control)

Main Technical Specifications	Inputs	FM antenna, USB & SD/SDHC/MMC card slot up to 32GB, CD drive (PCM and mp3 reader)			
	Outputs	3 x stereo unbalanced, RCA connectors: TUNER, CD and PRIORITY outputs			
	Nominal output level	1.2V ±2dB			
	Frequency response (± 3 dB)	20Hz – 20kHz			
	Dimensions / weight	H: 482 mm	L: 44 mm	W: 250 mm	4.2 Kg

Accessories

- ■ N/A

DUO-NET PLAYER

Applications

- Audio sound source in A/V corporate, retail and education applications
- BGM & Paging solutions, with message priorities and independent audio source independent selection
- Integration in installation global control systems

Dual Streaming & Media Audio Player

ECLER DUO-NET PLAYER is a double audio sound source that features full EclerNet compatibility (EclerNet Manager software, UCP control system, WPmSCREEN remote management, TP-NET third party integration protocol, etc.). It includes 2 independent stereo media players, each one being able to play Internet audio streams and local or networked audio media.
DUO-NET PLAYER can be used as a stand-alone media player or integrated as a piece of a full EclerNet system, as well as coexisting with third-party devices.

Key Features

- 2 independent media players, each one linked to a dedicated stereo output
- Compatible with mp3, ogg, AAC, WAV and FLAC audio formats
- SD and USB slots for local storage media contents
- Ethernet interface (RJ45 connector) for EclerNet and **TP-NET** control, Internet streaming reception and networked media playback
- Fully programmable and controllable via EclerNet software
- UCP (User Control Panels) remote control system, compatible with **WPmSCREEN** and third-party client devices (iOS©, Windows© and Android©)
- 4 GPI ports (General Purpose Inputs) to trigger events
- IR remote control for basic end-user control
- Priority media (emergency, advertising, etc.) over program audio

Main Technical Specifications	Audio Outputs	2 x Stereo Balanced, LINE Level, Euroblock type			
	Communication Interfaces	1 x Ethernet (RJ45), 1 x RS-232 (DB9), 4 x GPI (Euroblock)			
	Local Media Slots	USB, SD / SDHC			
	Remote Control	Included, IR type, 35 keys			
	Dimensions / weight	H: 482 mm	L: 44 mm	W: 250 mm	4.2 Kg

Accessories

- WPmSCREEN touch-screen wall panel

WPmSCREEN

2

Taking care of audio signals along the sound path, once the sound source enters it, is the second step. Next products are fixed installation analogue mixers that will perfectly fit into many project profiles, from corporate and commercial applications to leisure ones.

ANALOGUE PREAMPLIFIERS & MIXERS/

ANALOGUE
PREAMPLIFIERS
& MIXERS/
INSTALLATION
PREAMPLIFIERS
& MIXERS

2.1

Rack-mount and desktop installation analogue mixers, from ESSENTIALS models to premium ones, from 3 audio inputs to 18 audio inputs, with or without remote control and priority options... a wide variety to choose from.

ANALOGUE PREAMPLIFIERS & MIXERS/ INSTALLATION PREAMPLIFIERS & MIXERS

ANALOGUE
PREAMPLIFIERS
& MIXERS/

INSTALLATION
PREAMPLIFIERS
& MIXERS/

SAM/eSAM SERIES

SAM/eSAM series are installation analogue audio mixers in standard rack format, including a wide range of models, from 3 to 7 inputs. New ESSENTIALS eSAM series are designed to fit those projects with a tight budget, keeping a great performance and sound quality.

ANALOGUE
PREAMPLIFIERS
& MIXERS/

INSTALLATION
PREAMPLIFIERS
& MIXERS/

SAM312

Applications

- Gyms
- Licensed venues
- Restaurants
- Leisure venues
- Retail shops
- Boardrooms and conference centres
- Entertainment music playback
- Education centres
- A/V presentations

Installation Analogue Mixer

ECLER SAM312 is an installation mixer in standard rack format. It includes 3 MIC / ST LINE inputs, 2 stereo outputs, 3 band tone control and external MUTE connection port.

Key Features

- 3 input channels, 2 main outputs 19" installation mixer
- 3 MIC/stereo LINE input channel mixer
- Input signal pushbutton selector (MIC/LINE) on back panel
- Dedicated "Low Line" input with adapted sensibility for low level line signal sources, like mp3 players (iPod®, etc.) and laptop computers
- Independent internal assignable phantom power for all MIC inputs
- Direct MIX input allows straight forward connection of further mixers
- Triple tone control (accessible only with screwdriver)
- 2 stereo outputs

- 3 led output level metre
- 2 additional stereo REC outputs (REC1, REC2)
- Mono mode pushbutton
- Headphones general MIX monitoring
- Full remote MUTE control
- Side rack mount ears with 2 possible positions, for front panel alignment with devices in the same rack

Main Technical Specifications	Inputs	3 MIC / Stereo Line selectable via pushbutton			
	Outputs	2 Stereo + 2 REC + 1 Headphones			
	Tone Control	Bass (100 Hz), Mid (2 kHz), Treble (10 kHz)			
	Remote Control	Mute			
	Dimensions / weight	H: 482.6 mm	L: 44 mm	W: 195 mm	2.4 Kg

Accessories

- MPAGE1, desktop paging station
- WPmMIX-T, MICRO+LINE wall panel mixer with talkover function

WPmMIX-T   MPAGE1

ANALOGUE
PREAMPLIFIERS
& MIXERS/

INSTALLATION
PREAMPLIFIERS
& MIXERS/

eSAM402

Applications

- Gyms
- Licensed venues
- Restaurants
- Leisure venues
- Retail outlets
- Boardrooms and conference centres
- Entertainment music playback
- Education centres
- A/V presentations

Installation Analogue Mixer

ECLER ESSENTIALS eSAM402 is an installation audio mixer in standard rack format, featuring 3 MIC/LINE ST inputs, 1 LINE ST input, 1 main mix output and one AUX/REC additional output. It includes a 3 band tone control section, Talkover (priority) function assignable to each MIC/LINE input over the mix bus, ST/MONO mix switch and MUTE port for external dry contact triggering.

Key Features

- 4 input channels, 2 outputs 19" installation mixer
- 3 MIC/LINE ST inputs
- 1 LINE ST input
- 1 main mix output and one AUX/REC additional output
- 3 band tone control section
- Talkover (priority) function assignable from each MIC/LINE input over the mix
- Micro sensitivity level can be adjusted on the back panel
- 18V Phantom Power available for all MIC inputs

Main Technical Specifications	Inputs	3 MIC / Stereo LINE + 1 ST LINE			
	Outputs	1 Main Stereo + 1 AUX/REC			
	Tone Control	Bass (100 Hz), Mid (2 kHz), Treble (10 kHz)			
	Remote Control	MUTE contact (for external dry contact triggering)			
	Dimensions / weight	H: 482.6 mm	L: 44 mm	W: 120 mm	1.7 Kg

Accessories

- N/A

ANALOGUE PREAMPLIFIERS & MIXERS/

INSTALLATION PREAMPLIFIERS & MIXERS/

SAM412T

Applications

- Gyms
- Licensed venues
- Restaurants
- Leisure venues
- Retail shops
- Boardrooms and conference centres
- Entertainment music playback
- Education centres
- A/V presentations

Installation Analogue Mixer

ECLER SAM412T is an installation mixer in standard rack format. It includes 4 MIC / ST LINE inputs, 2 stereo outputs, independent 3 band tone control per each input, Talkover (priority) function and external MUTE connection port.

Key Features

- 4 input channels, 2 main outputs 19" installation mixer
- Micro sensitivity level can be adjusted on the back panel
- +18V Phantom Power available in all "MIC" inputs
- Direct micro input on front panel, channel 1
- Includes a talkover assigned to "INPUT 1" with internal release time adjustment
- Three-band tone controls for each channel, accessible with a screwdriver
- Vu-meter for the mix signal
- Two internally adjustable output levels
- Recording output
- Direct access to the mixing bus allowing you to connect another mixer and increase the number of inputs
- Remote MUTE control affecting all inputs for connecting fire detection systems other safety devices. Internally programmable "NO / NC" (normally open, normally closed)

	Channels	4 with independent gain
	Inputs	4 x MIC / Stereo Line selectable via pushbutton + 1 x Low Line (mp3, iPod®, Laptops etc.)
	Outputs	1 x Balanced + 1 x Stereo + 1 x REC
Main Technical Specifications	Tone Control	Independent per channel (bass, mid & treble)
	Remote Control	Mute
	Dimensions / weight	H: 482.6 mm	L: 44 mm	W: 195 mm	2.4 Kg

Accessories

- MPAGE1, desktop paging station
- WPmMIX-T, MICRO+LINE wall panel mixer with talkover function

WPmMIX-T   MPAGE1

ANALOGUE PREAMPLIFIERS & MIXERS/

INSTALLATION PREAMPLIFIERS & MIXERS/

eSAM603

Applications

- Gyms
- Licensed venues
- Restaurants
- Leisure venues
- Retail shops
- Boardrooms and conference centres
- Entertainment playback
- Education centres
- A/V presentations

Installation Analogue Mixer

ECLER ESSENTIALS eSAM603 is an installation audio mixer in standard rack format, featuring 1 MIC input, 4 MIC/LINE ST inputs, 1 LINE ST input, 1 ST output (A/B) and 1 MONO output (C). A/B output can operates in ST/MONO mode. Each input can be routed to output A, B and/or C. It includes a 3 band tone control section, Talkover (priority) function assignable to each input over the mix bus, ST/MONO mix switch for A/B output and MUTE port for external dry contact triggering.

Key Features

- 6 input channels, 2/3 outputs 19" installation mixer
- 1 MIC input
- 4 MIC/LINE ST inputs
- 1 LINE ST input
- 1 ST/2 MONO main mix output and one MONO output
- 2 x 3-band tone control section (A/B and C)
- Talkover (priority) function assignable from each input over the mix
- Micro sensitivity level can be adjusted on the back panel
- 18V Phantom Power available for all MIC inputs

Main Technical Specifications	Channels	6 with independent gain			
	Inputs	4 x MIC /Stereo Line selectable via pushbutton + 1 MIC + 1 LINE ST			
	Outputs	1 x Stereo (or 2 mono, selectable) + 1 x MONO			
	Tone Control	Independent per channel (Bass, Mid & Treble)			
	Remote Control	MUTE contact (for external dry contact triggering)			
	Dimensions / weight	H: 482.6 mm	L: 44 mm	W: 195 mm	TBC

Accessories

- N/A

ANALOGUE PREAMPLIFIERS & MIXERS/

INSTALLATION PREAMPLIFIERS & MIXERS/

SAM612T

Applications

- Gyms
- Licensed venues
- Restaurants
- Leisure venues
- Retail shops
- Boardrooms and conference centres
- Entertainment music playback
- Education centres
- A/V presentations

Installation Analogue Mixer

ECLER SAM612T is an installation audio mixer in standard rack format, featuring 6 MIC/LINE ST inputs + 1 ST MIX input and 1 stereo output. Each input has a dedicated 3-band tone control, a feature which is fundamental to get a perfect microphone mix in an installation. Input 1 includes talkover (priority) function over the mix bus and additional front panel jack connector. Main output ST/MONO mode switch and MUTE port for external dry contact triggering.

Key Features

- 6 input channels, 2 main outputs 19" installation mixer
- Micro sensitivity level can be adjusted on the back panel
- +18V Phantom Power available in all "MIC" inputs
- Direct micro input on front panel, channel 1
- Includes a talkover assigned to MIC/LINE 1
- Three-band tone controls for each channel, accessible with a screwdriver
- Vu-meter for the mix signal
- 1 ST main output
- AUX/REC output
- Direct access to the mixing bus allowing you to connect another mixer and increase the number of inputs
- Remote MUTE control affecting all inputs for connecting fire detection systems other safety devices. Internally programmable "NO / NC" (normally open, normally closed)
- Mono/stereo switch

Main Technical Specifications	Channels	6 with independent gain			
	Inputs	6 x MIC/Stereo Line + 1 ST MIX. Each input routable to 2 main outputs			
	Outputs	1 x Stereo + 1 x AUX/REC			
	Tone Control	On each input (Bass, Mid and Treble)			
	Remote Control	MUTE contact (for external dry contact triggering)			
	Dimensions / weight	H: 482.6 mm	L: 44 mm	W: 195 mm	TBC

Accessories

- MPAGE1, desktop paging station
- WPmMIX-T, MICRO+LINE wall panel mixer with talkover function

WPmMIX-T   MPAGE1

Applications

- Gyms
- Licensed venues
- Restaurants
- Leisure venues
- Retail shops
- Boardrooms and conference centres
- Entertainment music playback
- Education centres
- A/V presentations

Installation Analogue Mixer

ECLER SAM614T is an installation mixer in standard rack format. It includes a total of 6 inputs (2 MIC inputs, 2 MIC / ST LINE inputs + 2 ST LINE inputs), 2 independent stereo outputs (2 ST zones) , independent 3 band tone control per each output, Talkover (priority) function and external MUTE connection port.

Key Features

- 6 input channels, 2 independent main outputs 19" installation mixer
- Each channel features signal present (SP) and CLIP indicators
- General phantom power switch located on back panel. Independent internal phantom power assignment to any MIC input
- Triple tone control, per output (accessible only with a screwdriver)
- 2 main stereo outputs with independent volume control
- 3 LED output level meter
- Input channels can be routed to any main output (A,B) or both
- 2 additional stereo REC outputs (REC1, REC2)
- Mono mode selector
- Headphones monitoring of selected output (A or B)
- Integrated, internally configurable TALKOVER. Affects OUT A and REC A

Main Technical Specifications	Channels	6 with independent gain			
	Inputs	2 x MIC + 2 x MIC / Stereo Line + 2 x Stereo Line + 1 x Low Line (mp3, iPod®, Laptops etc.). Each input routable to 2 main outputs			
	Outputs	2 x Stereo + 2 x REC + 1 x Headphones			
	Tone Control	On each Output (Bass, Mid and Treble)			
	Remote Control	Mute			
	Dimensions / weight	H: 482.6 mm	L: 44 mm	W: 195 mm	2.4 Kg

Accessories

- MPAGE1, desktop paging station
- WPmMIX-T, MICRO+LINE wall panel mixer with talkover function

WPmMIX-T   MPAGE1

ANALOGUE
PREAMPLIFIERS
& MIXERS/

INSTALLATION
PREAMPLIFIERS
& MIXERS/

eSAM702

Applications

- Gyms
- Licensed venues
- Restaurants
- Leisure venues
- Retail shops
- Boardrooms and conference centres
- Entertainment music playback
- Education centres
- A/V presentations

Installation Analogue Mixer

ECLER ESSENTIALS eSAM702 is an installation audio mixer in standard rack format, featuring 6 MIC/LINE ST inputs, 1 LINE ST input, 1 main mix output and one AUX/REC additional output. It includes a 3 band tone control section, Talkover (priority) function assignable to each MIC/LINE input over the mix bus, ST/MONO mix switch and MUTE port for external dry contact triggering.

Key Features

- 7 input channels, 2 outputs 19" installation mixe
- 6 MIC/LINE ST inputs
- 1 LINE ST input
- 1 main mix output and one AUX/REC additional output
- 3 band tone control section
- Talkover (priority) function assignable from each MIC/LINE input over the mix
- Micro sensitivity level can be adjusted on the back panel
- +18V Phantom Power available for all MIC inputs

Main Technical Specifications					
	Inputs	6 MIC / Stereo LINE + 1 ST LINE			
	Outputs	1 Main Stereo + 1 AUX/REC			
	Tone Control	Bass (100 Hz), Mid (2 kHz), Treble (10 kHz)			
	Remote Control	MUTE contact (for external dry contact triggering)			
	Dimensions / weight	H: 482.6 mm	L: 44 mm	W: 120 mm	1.8 Kg

Accessories

- N/A

Applications

- Pubs
- Night Clubs
- Retail Shops
- Fitness Centres
- A/V presentations
- Entertainment music playback
- Meeting and seminar rooms
- Education Centres
- Mobile outdoor applications

Installation Analogue Mixer

ECLER COMPACT5 is a versatile laptop and 19" installation mixer, especially targeted to both non technical and expert users. Includes 8 ST LINE inputs, 3 MIC inputs and 2 PHONO inputs.

Key Features

- Universal 5 channel laptop and 19" installation rack mixer
- 8 LINE inputs, 3 MIC inputs, 2 PHONO inputs
- 2 independent MASTER (1x XLR / 1x RCA) and REC output
- 3 band equalizer per channel
- PFL monitoring. Talkover. Phantom power
- 45mm ECLER faders per channel

Main Technical Specifications	Channels	5 with independent gain & 45 mm fader			
	Inputs	8 x Stereo Line + 8 x MIC + 2 x PHONO			
	Outputs	2 (XLR3 + RCA independent gain) + 1 REC + Headphones			
	Tone Control	Independent per channel (Bass, Mid and Treble)			
	Dimensions / weight	H: 482.6 mm	L: 132.5 mm	W: 200 mm	3.7 Kg

Accessories

- N/A

Applications

- Pubs
- Night Clubs
- Retail Shops
- Fitness Centres
- A/V presentations
- Entertainment music playback
- Meeting and seminar rooms
- Education Centres
- Mobile outdoor applications

Installation Analogue Mixer

ECLER COMPACT8 is a versatile laptop and 19" installation mixer, especially targeted to both non technical and expert users. Includes 7 ST LINE inputs, 8 MIC inputs and 3 PHONO inputs.

Key Features

- Universal 8 channel laptop and 19" installation rack mixer
- 3 Phono inputs
- 7 Stereo Line RCA inputs plus AUX (RCA) inputs in front panel
- 8 MIC (COMBO connector) inputs. Phantom power
- 2 independent outputs (XLR3 and RCA)
- Additional REC output
- 3 band tone control featuring Mids 300Hz-6,5kHz semi-parametric equalization
- Headphones output for PFL and MIX monitoring
- Extra bright 12 position VU-meter
- Assignable talkover with EFFICIENCY and TIME adjustments
- 60 mm high quality ECLER faders
- Specifically developed for applications requiring a large number of micro phone inputs

Main Technical Specifications					
	Channels	8 with independent gain & 45 mm fader			
	Inputs	7 x Stereo Line + 8 x MIC + 1 x AUX			
	Outputs	2 (XLR3 + RCA independent gain) + 1 x REC + 1 x Headphones			
	Tone Control	Independent per channel (Bass, 2 Mids and Treble)			
	Dimensions / weight	H: 482.6 mm	L: 177 mm	W: 221.6 mm	5.2 Kg

Accessories

- N/A

The classics from Ecler, after many years of amazing success and reputation... still alive and kicking.

ANALOGUE
PREAMPLIFIERS
& MIXERS/
DJ MIXERS

ANALOGUE PREAMPLIFIERS & MIXERS/

DJ MIXERS/

NUO20

Applications

- Pubs
- Night Clubs
- Mobile Shows
- Fitness Centres

Professional DJ Mixer

ECLER NUO 2.0 is a 2 channel analogue mixer addressed to the professional DJ of any kind, in despite of the mixed music style.
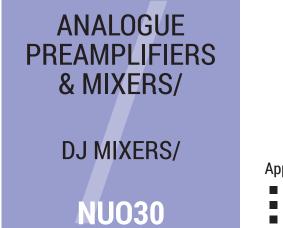
Key Features

- 2 mixing channels
- 1 MICRO/LINE channel
- 2 PHONO inputs
- 3 LINE inputs
- Master output XLR and RCA
- Booth output RCA
- 3 band full cut EQ
- Extra large ergonomic EQ knobs
- 3 band EQ kill switches
- FX Send control per channel
- FX Pre/Post fader selector
- 45mm long life VCA faders
- 45mm long life VCA crossfader
- Fader and crossfader shape adjustment
- Crossfader Reverse and Cut-In
- Crossfader suitable for ETERNAL

Main Technical Specifications	Channels	2 with independent gain & 45mm fader			
	Inputs	1 x MICRO/LINE + 2 x PHONO/LINE			
	Outputs	1 x Master (XLR3 + RCA) + 1 x Booth (RCA) + 1 x REC (RCA)			
	Tone Control	Independent per channel (Bass, Mid & Treble)			
	Dimensions / weight	H: 370 mm	L: 165 mm	W: 80 mm	3 Kg

Accessories

- N/A

Applications

- Pubs
- Night Clubs
- Mobile Shows
- Fitness Centres

Professional DJ Mixer

ECLER NUO 3.0 is a 3 channel analogue mixer addressed to the professional DJ of any kind, in despite of the mixed music style.

Key Features

- 3 mixing channels
- 3 PHONO inputs
- 3 LINE inputs
- 1 balanced XLR Microphone input
- Master output XLR and RCA
- Booth output RCA
- VU Meter per channel
- 3 band full cut EQ
- Extra large ergonomic EQ knobs
- FX Send control per channel
- FX Pre/Post fader selector
- Master FX Return and FX PFL control
- Fully assignable crossfader
- 60mm long life VCA faders
- 45mm long life VCA crossfader
- Fader and crossfader shape adjustment
- Crossfader Reverse and Cut-In
- Crossfader suitable for ETERNAL

Main Technical Specifications	Channels	3 with independent gain & 60mm fader			
	Inputs	2 x PHONO/LINE + 1 x PHONO/LINE/MICRO			
	Outputs	1 x Master (XLR3 + RCA) + 1 x Booth (RCA) + 1 x REC (RCA)			
	Tone Control	Independent per channel (Bass, Mid & Treble)			
	Dimensions / weight	H: 370 mm	L: 224 mm	W: 80 mm	3.6 Kg

Accessories

- N/A

Applications
- Pubs
- Night Clubs
- Mobile Shows
- Fitness Centres

Professional DJ Mixer

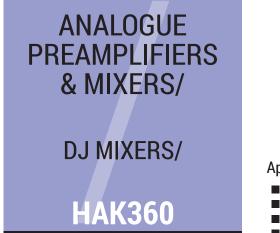ECLER NUO 4.0 is a 4 channel analogue mixer addressed to the professional DJ and fixed installation applications.

Key Features

- 4 mixing channels
- 4 Phono and 4 Line inputs
- 2 balanced XLR Microphone inputs
- Master output XLR and RCA
- Booth output XLR and RCA
- VU Meter per channel
- 3 band full cut EQ
- Extra large ergonomic EQ knobs
- FX Send control per channel
- FX Pre/Post fader selector
- Master FX Send, FX Return and FX PFL control
- Fully assignable crossfader
- 60mm long life VCA faders
- 45mm long life VCA crossfader
- Fader and crossfader shape adjustment
- Crossfader Reverse and Cut-In
- Crossfader suitable for ETERNAL

Main Technical Specifications	Channels	4 with independent gain & 60mm fader			
	Inputs	2 x PHONO/LINE + 2 x PHONO/LINE/MICRO			
	Outputs	1 x Master (XLR3 + RCA) + 1 x Booth (XLR3 + RCA) + 1 x REC (RCA)			
	Tone Control	Independent per channel (Bass, Mid & Treble)			
	Dimensions / weight	H: 370 mm	L: 320 mm	W: 80 mm	4.8 Kg

Accessories
- N/A

ANALOGUE PREAMPLIFIERS & MIXERS/

DJ MIXERS/

HAK360

Applications

- Pubs
- Night Clubs
- Mobile Shows
- Fitness Centres
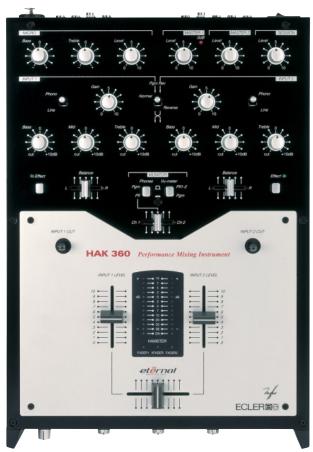
Professional DJ Mixer

ECLER HAK 360 is a 2 channel professional battle DJ mixer, designed and manufactured with expert consultation from DMC and ITF champions all over the world.
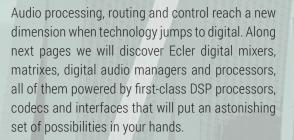
Key Features

- 2 mixing channels
- 2 PHONO/LINE channel
- 1 MICRO input
- 2 Main outputs XLR and RCA with independent gain
- Independent balance per channel
- 3 band full cut EQ
- 45mm long life VCA faders
- 45mm long life VCA crossfader
- Fader and crossfader shape adjustment
- Crossfader Reverse and Cut-In
- Crossfader suitable for ETERNAL

Main Technical Specifications	Channels	2 with independent gain & 45mm fader			
	Inputs	2 x PHONO/LINE + 1 x MICRO			
	Outputs	1 x Master (XLR3) + 1 x Master (RCA)			
	Tone Control	Independent per channel (Bass, Mid & Treble) + MICRO (Bass & Treble)			
	Dimensions / weight	H: 265 mm	L: 360 mm	W: 80 mm	4.3 Kg

Accessories

- N/A

3

Audio processing, routing and control reach a new dimension when technology jumps to digital. Along next pages we will discover Ecler digital mixers, matrixes, digital audio managers and processors, all of them powered by first-class DSP processors, codecs and interfaces that will put an astonishing set of possibilities in your hands.

DIGITAL PROCESSORS & MATRIXES/

3.1

DAM, **MIMO** and **DANTE serie**s will let you process audio signals with outstanding flexibility, disregarding physical distance barriers when they are transported through Ethernet networks and providing custom-made, user-friendly control panels for the end users.

DIGITAL PROCESSORS & MATRIXES/ DIGITAL MATRIXES

Applications

- A/V corporate, retail and education applications
- BGM & Paging solutions, with message priorities and source/volume independent selection
- Conferencing
- P.A. management (multi-way speaker processing, delay adjustment, etc.)

Installation Digital Mixer

ECLER DAM614 is a fully programmable audio digital mixer. It includes 6 audio inputs and 4 audio outputs, front panel inputs and outputs level controls, DSP processing, RS-232 connectivity and 4 REMOTE control ports (0-10VDC). Its 4 outputs can be used as mono independent zones or coupled as stereo zones. Regarding inputs, the first 2 are stereo LINE inputs, and the 3rd, 4th, 5th and 6th ones are MIC/LINE ready, being possible to use them independently (mono) or as stereo-coupled inputs.

Key Features

- DSP @ 24 bits / 48kHz
- Front panel LCD display
- 6 front panel input control digital knobs (one per input)
- 4 front panel output control digital knobs (one per output)
- 4 front panel keys, for parameters adjustment and menus navigation
- Processing:
  – Independent level control for each input and output
  – Independent mixer for each output zone
  – Crossover filters available for each output
  – Independent 10 band graphic EQ for each output
  – Independent and adjustable High-pass filter available for MIC/LINE inputs
  – 2 level priority PAGER / DUCKER function, triggered by MIC/LINE inputs
  – Independent Noise Gate function for MIC/LINE inputs
  – Independent Feedback Suppressor Function for MIC/LINE inputs
  – Adjustable delay time for 2 outputs

Main Technical Specifications					
	Inputs	2 x Stereo Line (RCA) + 4 x MIC/LINE (Euroblock)			
	Outputs	4 Balanced outputs (Euroblock)			
	Remote Control	4 x RJ45 Ports (0-10 Vdc) ready for WPm series wall panels + 1 x MUTE			
	Communication Interfaces	1 x RS232 with EclerCOMM and CA-NET protocol compatibility			
	Paging	1 x Page port for real time voice paging using an MPAGE4 station			
	Tone Control	Independent per input and output (DSP Processing)			
	Dimensions / weight	H: 482.6 mm	L: 44 mm	W: 120 mm	2 Kg

Accessories

- MPAGE4, paging station
- WPm, series wall panel controls

WPmVOL

MPAGE4

DIGITAL PROCESSORS & MATRIXES/

DIGITAL MATRIXES/

MIMO SERIES

EclerNet Digital Matrixes with a smart set of DSP features, events management, control logics for automation and many remote control options. Different firmware versions are available to face generic, conferencing and SPL control applications. EclerNet Manager software platform, exceptionally intuitive and user-friendly, is the single tool to program and manage all these products, from the **MIMO88SG** matrix to the **DANTE** compatible devices.

MIMO88

DIGITAL AUDIO MATRIX

PROCESSING POWER, INTEGRATION AND FRIENDLY REMOTE CONTROL
AT THE TOUCH OF YOUR HAND

- 8 in / 8 out matrix, expandable to 16 in / 16 out
- Ethernet & RS-232 control interfaces
- Windows®, Android® OS and iPhone® / iPad® remote control with custom graphic panels
- Third-party protocol for a seamless integration with global control systems (Crestron®, AMX®, Extro®, RTI®, Vity®, etc.)
- Available accessories: digital paging console, digital remote control wall panel, analogue wall panels

www.ecler.com

COMPARISON CHART

	MIMO88	MIMO88 CONFERENCE	MIMO88SG	MIMO88SG CONFERENCE
DIGITAL MATRIXES				
Expandable (16x16)	√	√	✕	✕
Input Delay	√	✕	√	✕
Freq. Shifter (all inputs)*	√	√	✕	✕
8 Independent Outputs**	√	✕	√	✕
Crossover	√	✕	√	✕
Output Param. EQ (nº of filters)	8	4	6	**4**
Output Gain	√	✕	√	✕
Pagers/Duckers	4	1 (ducker)	3	1 (ducker)
Automixer/Feedback Killer	✕	√	✕	√
GPOs	√	√	✕	✕

*MIMO88SG & MIMO88SG CONFERENCE just in inputs 1 to 4.
**CONFERENCE firmware takes output 5-8 signals from outputs 1-4.

49

DIGITAL PROCESSORS & MATRIXES/

DIGITAL MATRIXES/

MIMO88

Applications

- Centralized, distributed or hybrid fixed installation
- BGM & Paging solutions
- Conferencing (automatic mixing)
- P.A. management
- Installations requiring remote total control
- Live sound (WiFi management is possible)
- Installations requiring remote supervision, diagnostic and adjustment via Internet

Installation Digital Matrix

ECLER MIMO88 is an 8 in / 8 out digital audio matrix, fully programmable and linkable to a second unit to become a 16x16 matrix, with real routing from any input to any output.

Key Features

- Expandable to 16 inputs / 16 outputs to become a real 16 x 16 matrix
- Fully programmable and controllable via EclerNet software
- UCP (User Control Panels) remote control system, compatible with WPmSCREEN and third-party devices, such as computers, tablets, smartphones, etc.
- TP-NET protocol compatible, for third-party control systems integration
- DSP processing: signal generator, delays, full parametric EQ filters at inputs and outputs, inputs noise gate, level, mute, phase, vu-meters, outputs compressor / limiter, ducking (priority & overriding), virtual and physical paging stations management, automatic mixer function, presets save & recovery, scheduled events triggering, etc.
- FREQUENCY SHIFTER function to avoid acoustic feedback (Larssen Effect), available for each INPUT channel

Main Technical Specifications	Inputs	8 x MIC/LINE balanced inputs (Euroblock)			
	Outputs	8 x Balanced outputs (Euroblock) + 2 x monitor (Euroblock)			
	Remote Control	8 x GPI Ports + 8 x GPO Ports + Digital control bus (for WPTOUCH & MPAGE16 units)			
	Communication Interfaces	1 x Ethernet + 1 x RS232			
	Paging	Via digital control bus (up to 4 MPAGE16 stations)			
	Tone Control	Parametric EQ, independent filters per input and output (DSP Processing)			
	Dimensions / weight	H: 482.6 mm	L: 44 mm	W: 266.5 mm	3.5 Kg

Accessories

- MPAGE16 digital paging station
- WPTOUCH digital wall panel control
- WPmMIX-T, MICRO+LINE wall panel mixer with talkover function
- WPm series
- WPmSCREEN

WPmSCREEN   WPTOUCH   MPAGE16

DIGITAL PROCESSORS & MATRIXES/

DIGITAL MATRIXES/
MIMO88 CONFERENCE

Applications

- Conferencing & automatic mixing
- Centralized, distributed or hybrid fixed installation
- P.A. management
- Installations requiring remote total control
- Installations requiring remote supervision, diagnostic and adjustment via Internet

Installation Digital Matrix

ECLER MIMO88 CONFERENCE has been especially designed for those applications that involve conferencing, microphone automatic mix processing and feedback loops (Larsen effect) cancellation. MIMO88 Conference shares the same hardware of the standard MIMO88 version, including a specific firmware upgrade with tailored DSP resources for automix and conference purposes.

Key Features

- 8x8 configuration: up to 4 independent output mixes & 4 auxiliary outputs
- 16x16 configuration: up to 8 independent output mixes & 8 auxiliary outputs
- UCP (User Control Panels) remote control system, compatible with WPmSCREEN and third-party devices, such as computers, tablets, smartphones, etc.
- TP-NET protocol compatible, for third-party control systems integration
- Two microphone managing modes:
  - NOMA ("Number of Open Microphones Attenuated")
  - EXCLUSIVE
- Full set of working parameters: MAX. NOMA, LAST ON, PRIORITY, THRESHOLD DEPTH, etc.
- 2 automatic notch filter banks
- 8 notch filters included in each bank
- Fixed / dynamic filters free configuration
- Filter WIDTH, RECYCLE TIMER, LOCK, RESET and BYPASS parameters
- 4 working mode presets

Main Technical Specifications	Inputs	8 x MIC/LINE balanced inputs (Euroblock)			
	Outputs	8 x Balanced outputs (Euroblock) + 2 x monitor (Euroblock)			
	Remote Control	8 x GPI Ports + 8 x GPO Ports + Digital control bus (WPTOUCH units)			
	Communication Interfaces	1 x Ethernet + 1 x RS232			
	Paging	Ducker option for priority & emergency messages			
	Tone Control	Parametric EQ, independent filters per input and output (DSP Processing)			
	Dimensions / weight	H: 482.6 mm	L: 44 mm	W: 266.5 mm	3.5 Kg

Accessories

- WPTOUCH digital wall panel control
- WPmMIX-T, MICRO+LINE wall panel mixer with talkover function
- WPm series wall panels

WPTOUCH   WPmSCREEN

MIMO88SG

Applications

- A/V corporate, retail and education applications
- BGM & Paging solutions, with message priorities and source/ volume independent selection
- Integration in installation global control systems
- P.A. management
- Installations requiring remote supervision, diagnostic and adjustment via Internet

Installation Digital Matrix

ECLER MIMO88SG (MIMO88 SINGLE) is an EclerNet digital audio device that keeps the heart and soul of the standard MIMO88, its main features and its audio quality, to become a simplified and cost-effective version of this acclaimed digital matrix.

Key Features

- 8x8 digital matrix (not expandable)
- Fully programmable and controllable via EclerNet software
- UCP (User Control Panels) remote control system, compatible with WPmSCREEN and third-party devices, such as computers, tablets, smartphones, etc.
- TP-NET protocol compatible, for third-party control systems integration
- DSP processing: signal generator, delays, full parametric EQ filters at inputs and outputs, inputs noise gate, level, mute, phase, vu-meters, outputs compressor / limiter, paging and ducking (priority & overriding), virtual and physical paging stations management, presets save & recovery, scheduled events triggering, etc.
- FREQUENCY SHIFTER function to avoid acoustic feedback, available in 4 inputs

Main Technical Specifications	Inputs	8 x MIC/LINE balanced inputs (Euroblock)			
	Outputs	8 x Balanced outputs (Euroblock)			
	Remote Control	8 x GPI Ports + Digital control bus (WPTOUCH & MPAGE16 units)			
	Communication Interfaces	1 x Ethernet + 1 x RS232			
	Paging	Via digital control bus (up to 3 MPAGE16 stations)			
	Tone Control	Parametric EQ, independent filters per input and output (DSP Processing)			
	Dimensions / weight	H: 482.6 mm	L: 44 mm	W: 266.5 mm	3.5 Kg

Accessories

- MPAGE16 digital paging station
- WPTOUCH digital wall panel control
- WPmMIX-T, MICRO+LINE wall panel mixer with talkover function
- WPm series
- WPmSCREEN

WPmSCREEN   WPTOUCH   MPAGE16

Applications

- Conferencing & automatic mixing
- Centralized, distributed or hybrid fixed installation
- P.A. management
- Installations requiring remote total control
- Installations requiring remote supervision, diagnostic and adjustment via Internet

Installation Digital Matrix

ECLER MIMO88SG CONFERENCE has been especially designed to becoma a cost-effective solution for those applications that involve conferencing, microphone automatic mix processing and feedback loops (Larsen effect) cancellation. MIMO88SG Conference shares the same hardware of the standard MIMO88SG version, including a specific firmware upgrade with tailored DSP resources for automix and conference purposes.

Key Features

- 8x8 digital matrix (not expandable)
- Fully programmable and controllable via EclerNet software
- UCP (User Control Panels) remote control system, compatible with WPmSCREEN and third-party devices, such as computers, tablets, smartphones, etc.
- TP-NET protocol compatible, for third-party control systems integration
- Two microphone managing modes:
  – NOMA ("Number of Open Microphones Attenuated")
  – EXCLUSIVE
- Full set of working parameters: MAX. NOMA, LAST ON, PRIORITY, THRESHOLD DEPTH, etc.
- 2 automatic notch filter banks
- 8 notch filters included in each bank
- Fixed / dynamic filters free configuration
- Filter WIDTH, RECYCLE TIMER, LOCK, RESET and BYPASS parameters
- 4 working mode presets

Main Technical Specifications	Inputs	8 x MIC/LINE balanced inputs (Euroblock)			
	Outputs	8 x Balanced outputs (Euroblock)			
	Remote Control	8 x GPI Ports + Digital control bus (WPTOUCH units)			
	Communication Interfaces	1 x Ethernet + 1 x RS232			
	Paging	Ducker option for priority & emergency messages			
	Tone Control	Parametric EQ, independent filters per input and output (DSP Processing)			
	Dimensions / weight	H: 482.6 mm	L: 44 mm	W: 266.5 mm	3.5 Kg

Accessories

- WPTOUCH digital wall panel control
- WPmMIX-T, MICRO+LINE wall panel mixer with talkover function
- WPm series wall panels

WPTOUCH   WPmSCREEN

DIGITAL PROCESSORS & MATRIXES/

DIGITAL MATRIXES/

DN44BOB

Applications

- Audio Over IP transmission, using standard Ethernet networks
- Integration in EclerNet audio installations
- Analogue audio devices conversion into DANTE Digital Audio transmission
- Installations requiring remote total control
- Installations requiring remote supervision, diagnostic and adjustment via Internet

DANTE Digital Audio Interface

ECLER DN44BOB is a 4 inputs and 4 outputs DANTE (Audio Over IP) Break Out Box. It allows to convert 4 analogue audio signals into 4 DANTE channels and send them into an Ethernet LAN, as well as to take 4 DANTE channels from the Ethernet network and convert them to analogue audio signals. It includes 4 GPI control ports (0-10VDC) and 4 GPO control ports (NO/NC relays). Can be used together with EclerNet DANTE ready products or as a stand-alone DANTE interface, together with any audio device including analogue audio inputs and/or outputs.

Key Features

- Ethernet, interface, DANTE audio and EclerNet compatible
- 4 MIC/LINE balanced inputs, with Phantom Power and 3 sensitivity levels, Euroblock connector
- 4 balanced LINE Outputs, Euroblock connector
- 4 GPI ports (0-10VDC)
- 4 GPO ports, NO / NC

	Inputs	4 x MIC/LINE balanced inputs (Euroblock)
	Outputs	4 x Balanced outputs (Euroblock)
	Remote Control	4 x GPI Ports + 4 GPO ports
Main Technical Specifications	**Communication Interfaces**	1 x Ethernet (DANTE audio and EclerNet compatible)
	Audio Specs	24bit AKM AD/DA converter, 32 bit DSP processor
	LED indicators	POWER, DATA, DANTE
	Dimensions / weight	H: 241 mm / L: 44 mm / W: 152 mm / 1.1 Kg

Accessories

- WPmMIX-T, MICRO+LINE wall panel mixer with talkover function
- WPm series

WPmMIX-T

WPmSCREEN

3.2

Digital Audio Managers can be understood and used as "all-in-one" audio devices.

Halfway between a digital matrix and a multichannel amplifier, including all their features and ready to fit as a global solution into projects that refuse isolated matrixes and amplifiers into the equipment list, in some cases due to budget reasons, in some others due to safety against manipulation and, in some others, due to installation easiness and maintenance costs... in many cases, being realistic, for all the previous reasons.

DIGITAL PROCESSORS & MATRIXES/ DIGITAL AUDIO MANAGERS

DIGITAL
PROCESSORS &
MATRIXES/

DIGITAL AUDIO
MANAGERS/

NXA
SERIES

POWERED DIGITAL AUDIO MANAGER

You never thought about
all-in-one
until you saw this...

NXA series are Digital Audio Managers including a wide range of models: from 4 inputs and 4 x 80W outputs to 4 inputs and 4 x 700W outputs, as well as 6 inputs, 6 x 80W and 6 x 200W outputs models.

All the series is equipped with class D amplification technology, auto stand-by function, fanless convection cooling (100% silent), GPI control ports, health self-test monitoring system and Ethernet and RS-232 communication interfaces.

NETWORKABLE DIGITAL DEVICE
AUDIO COMPACT MATRIX
MULTICHANNEL AMPLIFIER

A NEW SERIES OF ALL-IN-ONE AUDIO SOLUTIONS:
A MULTICHANNEL SELF-POWERED DIGITAL MANAGER WITH INTEGRATED MATRIX AND DSP PROCESSING, ETHERNET, RS-232 AND GPI REMOTE INTERFACES AND FAULT SELF-MONITORING

- 4 available models (4x80, 6x80, 4x200 and 6x200 W)
- First-class digital audio codecs, providing excellent signal to noise ratio figures
- Class D, fanless & 100% silent amplifier stage
- Ethernet & RS-232 control interfaces
- Windows®, Android® OS and iPhone® / iPad® remote control compatible
- Third-party protocol for a seamless integration with global control systems (Crestron®, AMX®, Extron®, RTI®, Vity®, etc.)

www.ecler.com

ECLER
Sound experience
Barcelona 1965

Applications

- Live sound
- Centralized, distributed or hybrid fixed installation
- Integration in installation global control systems
- Big Public Address zoned systems
- Installations requiring remote supervision, diagnostic and adjustment via Internet

Powered Digital Audio Manager

ECLER NXA4-80 is a 4 channel self-powered digital manager that stays halfway between a digital matrix and a multichannel amplifier. An "all-in-one" digital audio device that becomes a complete audio solution, including several remote control options and a long list of smart features.

Key Features

- 4 analogue audio inputs x 4 powered audio outputs
- Class D amplifiers (eco friendly)
- Auto stand-by function (eco friendly)
- 100% silent (fanless convection cooling system)
- Health self-test mode function, with FAULT RELAY (for an external redundancy system)
- Integrated anti-clip system
- Integrated DSP processor. Main features:
  - Inputs mixer independent per channel (all inputs available)
  - VOLUME, MUTE, SOLO, PHASE INVERSION, MAX. VOL limit and MIN.VOL limit, LP and HP Crossover filters, parametric EQ filters bank, Ducker, Delay, Compressor and more settings configurable per channel.
  - Ethernet interface, compatible with EclerNet Manager platform and UCP remote control system
  - TP-NET third-party remote control (compatible with CRESTRON®, AMX®, RTI®, VITY®, etc.)

Main Technical Specifications	POWER 20Hz-20kHz 1% THD				
	1 Channel @ 4Ω (RMS)	85 W			
	1 Channel @ 8Ω (RMS)	51 W			
	All Channels @ 4Ω (RMS)	66 W			
	1 Bridge channel @ 8Ω (RMS)	160 W			
	Remote Control	4 x GPI Ports			
	Communication Interfaces	1 x Ethernet + 1 x RS232 TP-NET third-party control			
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 373 mm	9.2 Kg

Accessories

- WPmVOL & WPmVOL-SR
- WPmMIX-T, MICRO+LINE wall panel mixer with talkover function
- WPmSCREEN

WPmVOL

WPmSCREEN

Applications

- Live sound
- Centralized, distributed or hybrid fixed installation
- Integration in installation global control systems
- Big Public Address zoned systems
- Installations requiring remote supervision, diagnostic and adjustment via Internet
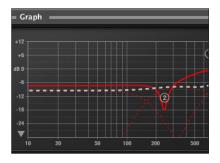
Powered Digital Audio Manager

ECLER NXA6-80 is a 6 channel self-powered digital manager that stays halfway between a digital matrix and a multichannel amplifier. An "all-in-one" digital audio device that becomes a complete audio solution, including several remote control options and a long list of smart features.

Key Features

- 6 analogue audio inputs x 6 powered audio outputs
- Class D amplifiers (eco friendly)
- Auto stand-by function (eco friendly)
- 100% silent (fanless convection cooling system)
- Health self-test mode function, with FAULT RELAY (for an external redundancy system)
- Integrated anti-clip system
- Integrated DSP processor. Main features:
  – Inputs mixer independent per channel (all inputs available)
  – VOLUME, MUTE, SOLO, PHASE INVERSION, MAX. VOL limit and MIN.VOL limit, LP and HP Crossover filters, parametric EQ filters bank, Ducker, Delay, Compressor and more settings configurable per channel.
  – Ethernet interface, compatible with EclerNet Manager platform and UCP remote control system
  – TP-NET third-party remote control (compatible with CRESTRON®, AMX®, RTI®, VITY®, etc.)

Main Technical Specifications	POWER 20Hz-20kHz 1% THD			
	1 Channel @ 4Ω (RMS)	84 W		
	1 Channel @ 8Ω (RMS)	49 W		
	All Channels @ 4Ω (RMS)	65 W		
	1 Bridge channel @ 8Ω (RMS)	158 W		
	Remote Control	6 x GPI Ports		
	Communication Interfaces	1 x Ethernet + 1 x RS232 TP-NET third-party control		
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 373 mm	10.2 Kg

Accessories

- WPmVOL & WPmVOL-SR
- WPmMIX-T, MICRO+LINE wall panel mixer with talkover function
- WPmSCREEN

WPmVOL

WPmSCREEN

Applications

- Live sound
- Centralized, distributed or hybrid fixed installation
- Integration in installation global control systems
- Big Public Address zoned systems
- Installations requiring remote supervision, diagnostic and adjustment via Internet

Powered Digital Audio Manager

ECLER NXA4-200 is a 4 channel self-powered digital manager that stays halfway between a digital matrix and a multichannel amplifier. An "all-in-one" digital audio device that becomes a complete audio solution, including several remote control options and a long list of smart features.

Key Features

- 4 analogue audio inputs x 4 powered audio outputs
- Class D amplifiers (eco friendly)
- Auto stand-by function (eco friendly)
- 100% silent (fanless convection cooling system)
- Health self-test mode function, with FAULT RELAY (for an external redundancy system)
- Integrated anti-clip system
- Integrated DSP processor. Main features:
  - Inputs mixer independent per channel (all inputs available)
  - VOLUME, MUTE, SOLO, PHASE INVERSION, MAX. VOL limit and MIN.VOL limit, LP and HP Crossover filters, parametric EQ filters bank, Ducker, Delay, Compressor and more settings configurable per channel.
  - Ethernet interface, compatible with EclerNet Manager platform and UCP remote control system
  - TP-NET third-party remote control (compatible with CRESTRON®, AMX®, RTI®, VITY®, etc.)

Main Technical Specifications	POWER 20Hz-20kHz 1% THD			
	1 Channel @ 4Ω (RMS)	202 W		
	1 Channel @ 8Ω (RMS)	121 W		
	All Channels @ 4Ω (RMS)	168 W		
	1 Bridge channel @ 8Ω (RMS)	383 W		
	Remote Control	4 x GPI Ports		
	Communication Interfaces	1 x Ethernet + 1 x RS232 TP-NET third-party control		
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 373 mm	12.6 Kg

Accessories

- WPmVOL & WPmVOL-SR
- WPmMIX-T, MICRO+LINE wall panel mixer with talkover function
- WPmSCREEN

WPmMIX-T

WPmSCREEN

Applications

- Live sound
- Centralized, distributed or hybrid fixed installation
- Integration in installation global control systems
- Big Public Address zoned systems
- Installations requiring remote supervision, diagnostic and adjustment via Internet

Powered Digital Audio Manager

ECLER NXA6-200 is a 6 channel self-powered digital manager that stays halfway between a digital matrix and a multichannel amplifier. An "all-in-one" digital audio device that becomes a complete audio solution, including several remote control options and a long list of smart features.

Key Features

- 6 analogue audio inputs x 6 powered audio outputs
- Class D amplifiers (eco friendly)
- Auto stand-by function (eco friendly)
- 100% silent (fanless convection cooling system)
- Health self-test mode function, with FAULT RELAY (for an external redundancy system)
- Integrated anti-clip system
- Integrated DSP processor. Main features:
  - Inputs mixer independent per channel (all inputs available)
  - VOLUME, MUTE, SOLO, PHASE INVERSION, MAX. VOL limit and MIN.VOL limit, LP and HP Crossover filters, parametric EQ filters bank, Ducker, Delay, Compressor and more settings configurable per channel.
  - Ethernet interface, compatible with EclerNet Manager platform and UCP remote control system
  - TP-NET third-party remote control (compatible with CRESTRON®, AMX®, RTI®, VITY®, etc.)

Main Technical Specifications	POWER 20Hz-20kHz 1% THD			
	1 Channel @ 4Ω (RMS)	218 W		
	1 Channel @ 8Ω (RMS)	126 W		
	All Channels @ 4Ω (RMS)	163 W		
	1 Bridge channel @ 8Ω (RMS)	399 W		
	Remote Control	6 x GPI Ports		
	Communication Interfaces	1 x Ethernet + 1 x RS232 TP-NET third-party control		
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 373 mm	14.1 Kg

Accessories

- WPmVOL & WPmVOL-SR
- WPmMIX-T, MICRO+LINE wall panel mixer with talkover function
- WPmSCREEN

WPmMIX-T   WPmSCREEN

Applications

- Live sound
- Centralized, distributed or hybrid fixed installation
- Integration in installation global control systems
- Big Public Address zoned systems
- Installations requiring remote supervision, diagnostic and adjustment via Internet

Powered Digital Audio Manager

ECLER NXA4-400 is a 4 channel self-powered digital manager that stays halfway between a digital matrix and a multichannel amplifier. An "all-in-one" digital audio device that becomes a complete audio solution, including several remote control options and a long list of smart features.

Key Features

- 4 analogue audio inputs x 4 powered audio outputs
- Class D amplifiers (eco friendly)
- Auto stand-by function (eco friendly)
- 100% silent (fanless convection cooling system)
- Health self-test mode function, with FAULT RELAY (for an external redundancy system)
- Integrated anti-clip system
- Integrated DSP processor. Main features:
- – Inputs mixer independent per channel (all inputs available)
- – VOLUME, MUTE, SOLO, PHASE INVERSION, MAX. VOL limit and MIN.VOL limit, LP and HP Crossover filters, parametric EQ filters bank, Ducker, Delay, Compressor and more settings configurable per channel.
- – Ethernet interface, compatible with EclerNet Manager platform and UCP remote control system
- – TP-NET third-party remote control (compatible with CRESTRON®, AMX®, RTI®, VITY®, etc.)

Main Technical Specifications	POWER 20Hz-20kHz 1% THD				
	1 Channel @ 4Ω (RMS)	416 W			
	1 Channel @ 8Ω (RMS)	230 W			
	All Channels @ 4Ω (RMS)	330 W			
	1 Bridge channel @ 8Ω (RMS)	760 W			
	Remote Control	4 x GPI Ports			
	Communication Interfaces	1 x Ethernet + 1 x RS232 TP-NET third-party control			
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 373 mm	16 Kg

Accessories

- WPmVOL & WPmVOL-SR
- WPmMIX-T, MICRO+LINE wall panel mixer with talkover function
- WPmSCREEN

WPmVOL

WPmSCREEN

Applications

- Live sound
- Centralized, distributed or hybrid fixed installation
- Integration in installation global control systems
- Big Public Address zoned systems
- Installations requiring remote supervision, diagnostic and adjustment via Internet

Powered Digital Audio Manager

ECLER NXA4-700 is a 4 channel self-powered digital manager that stays halfway between a digital matrix and a multichannel amplifier. An "all-in-one" digital audio device that becomes a complete audio solution, including several remote control options and a long list of smart features.

Key Features

- 4 analogue audio inputs x 4 powered audio outputs
- Class D amplifiers (eco friendly)
- Auto stand-by function (eco friendly)
- 100% silent (fanless convection cooling system)
- Health self-test mode function, with FAULT RELAY (for an external redundancy system)
- Integrated anti-clip system
- Integrated DSP processor. Main features:
  - Inputs mixer independent per channel (all inputs available)
  - VOLUME, MUTE, SOLO, PHASE INVERSION, MAX. VOL limit and MIN.VOL limit, LP and HP Crossover filters, parametric EQ filters bank, Ducker, Delay, Compressor and more settings configurable per channel.
  - Ethernet interface, compatible with EclerNet Manager platform and UCP remote control system
  - TP-NET third-party remote control (compatible with CRESTRON®, AMX®, RTI®, VITY®, etc.)

Main Technical Specifications	POWER 20Hz-20kHz 1% THD			
	1 Channel @ 2Ω (RMS)	1200 W		
	1 Channel @ 4Ω (RMS)	730 W		
	1 Channel @ 8Ω (RMS)	406 W		
	All Channels @ 4Ω (RMS)	530 W		
	1 Bridge Channel (RMS)	1180W @ 8Ω / 2070W @ 4Ω		
	Remote control	4 x GPI Ports		
	Communication Interfaces	1 x Ethernet + 1 x RS232 TP-NET third-party control		
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 373 mm	19 Kg

Accessories

- WPmVOL & WPmVOL-SR
- WPmMIX-T, MICRO+LINE wall panel mixer with talkover function
- WPmSCREEN

WPmMIX-T   WPmSCREEN

DIGITAL PROCESSORS & MATRIXES/

DIGITAL AUDIO MANAGERS/

NXA4BC

Applications
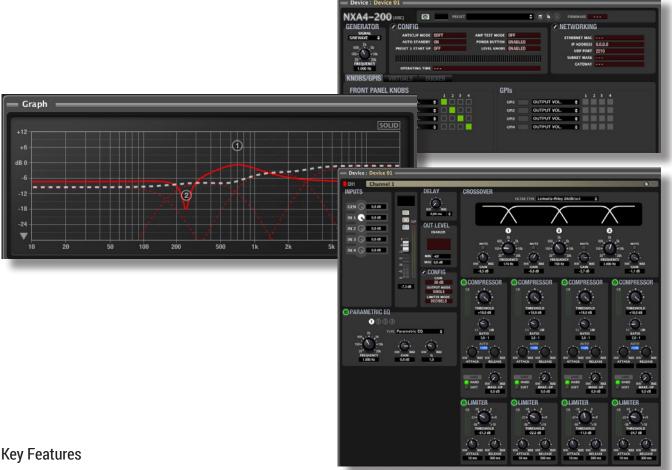
■ Sound Pressure Level Limiter / Controller

Powered Digital Audio Manager

ECLER NXA 4BC (4 band compressor/limiter) is a dedicated software and firmware version for the NXA series, tailored for applications where a strict SPL (Sound Pressure Level) limit must be guaranteed.

Key Features

■ Compatible with any NXA hardware unit model (4 or 6 channels)
■ Each output channel includes 4 independent frequency bands processing, including a dedicated compressor and limiter (just for channels 1 to 4 in the 6-channel models: channels 5 and 6 may get their processing from any of the 1 to 4 ones)
■ Common features to the standard NXA series:
  − Programmable front knobs and REMOTE ports functions
  − DUCKER module (priority message, etc.)
  − Matrix mix, main VOL & MUTE, POLARITY and SOLO controls, per channel
  − Ethernet & RS-232 interfaces
  − Compatible with EclerNet manager and TP-NET protocol /for third-party external control systems)
  − UCP remote control ready, compatible with WPmSCREEN and third-party clients
  − Self-integrity check system

Accessories

■ N/A

DIGITAL
PROCESSORS
& MATRIXES/
DIGITAL
PROCESSORS

3.3

ALMA series includes 2 inputs by 4 outputs and 2 inputs by 6 outputs models: loudspeaker manager processors that will allow to take the best efficiency and sound quality from the set of loudspeakers and amplifiers in a venue.

Equalisation, crossover filtering, delay, compression and limiting... everything that is required to get excellent sound and system protection.

EclerCOMM software lets to adjust and program every parameter and store and export settings and presets to hardware units.

DIGITAL PROCESSORS & MATRIXES/ DIGITAL PROCESSORS/ ALMA SERIES

ALMA 24 / ALMAcard

Applications
- Permanent installation management system
- Live sound. Monitor management
- Stereo bi-amped general applications

Digital Loudspeaker Manager

ECLER ALMA24 and ECLER ALMAcard are digital loudspeaker managers including 2 audio inputs and 4 audio outputs, USB interface and 2 volume remote control ports (0-10VDC).

ALMA24 is a 1RU stand-alone processor, meanwhile ALMAcard is its card plug-in interface version, compatible with the DPA amplifier series (it is inserted into its rear panel interface card bay).

Key Features

- 2 audio inputs x 4 audio outputs, all balanced
- 24 bits / 48 kHz DSP processing
- USB interface and EclerCOMM Manager compatibility
- DSP processing:
  - GAIN, MUTE, POLARITY, etc., per input or output
  - 8 parametric EQ filters per input / 8 parametric EQ filters per output
  - Butterworth, Linkwitz-Riley or Bessel Crossover filters at inputs and outputs (up to 48 dB / oct)
  - Inputs and outputs delay
  - Peak & RMS compressor / limiter at inputs & outputs, including make-up gain
  - 2 LINK groups (output channels link)
- System templates to create user configurations
- 20 user Presets
- Password protection system

	Inputs	2 x Audio inputs (XLR3 - ALMA24)
	Outputs	4 x Audio outputs (XLR3 - ALMA24 / jack - ALMAcard)
Main Technical Specifications	**Remote control**	2 x GPI ports for remote volume management (WPm series)

Dimensions / weight (ALMA24)	H: 482.6 mm	L: 44 mm	W: 120 mm	1.75 Kg

Accessories
- WPm series volume remote control panels

WPmVOL

DIGITAL PROCESSORS & MATRIXES/

DIGITAL PROCESSORS/

ALMA26

Applications

- Permanent installation management system
- Live sound. Monitor management
- Stereo bi or tri-amped general applications

Digital Loudspeaker Manager

ECLER ALMA26 is a digital loudspeaker manager including 2 audio inputs and 6 audio outputs, USB interface and 2 volume remote control ports (0-10VDC).

Key Features

- 2 audio inputs x 6 audio outputs, all balanced
- 24 bits / 48 kHz DSP processing
- 2x20 characters front panel LCD display
- 4 front panel configuration keys + digital encoder
- USB interface and EclerCOMM Manager compatibility
- DSP processing:
  - GAIN, MUTE, POLARITY, etc., per input or output
  - 4 parametric EQ filters per input / 8 parametric EQ filters per output
  - Butterworth, Linkwitz-Riley or Bessel Crossover filters at outputs (up to 48 dB / oct)
  - Inputs and outputs delay
  - Compressor / limiter at outputs, including make-up gain
  - 3 LINK groups (output channels link)
- System templates to create user configurations
- 20 user Presets
- Labels' edition (inputs, outputs, presets and device)
- Password protection system with 2 security modes

Main Technical Specifications	Inputs	2 x Audio inputs (XLR3)			
	Outputs	6 x Audio outputs (XLR3)			
	Remote control	2 x GPI ports for remote volume management (WPm series)			
	Dimensions / weight	H: 482.6 mm	L: 44 mm	W: 120 mm	1.75 Kg

Accessories

- WPm series volume remote control panels

WPmVOL

AMPLIFIERS/

4

A huge range of amplifiers available: low and high impedance, mono, stereo and multichannel, rack-mount or alternative installation format, from 20 W to more than 2000 W per channel... all of them efficient, reliable and committed with audio quality.

AMPLIFIERS/

AMPLIFIERS/
LOW IMPEDANCE

4.1

Stereo and multichannel amplifiers ready to feed low impedance (standard) loudspeaker loads.

From ESSENTIALS models to high-end ones, an option for every budget and project profile.

AMPLIFIERS/ LOW IMPEDANCE

NOTE: Minimum supported impedance is product-dependant. Please, check each product's technical specifications for details.

AMPLIFIERS/

LOW IMPEDANCE/

LPA SERIES

LPA series: light-weight, versatile and affordable stereo amplifiers keeping our classic, well-known reliability and quality.

		LPA6000	LPA10000	LAP16000
		STEREO LIGHTWEIGHT AMPLIFIERS		
	Stereo (RMS) @ 4Ω	320 W	500 W	760 W
	Stereo (RMS) @ 8Ω	210 W	330 W	450 W
	Bridged (RMS) @ 8Ω	640 W	1000 W	1520 W

COMPARISON CHART

NOTE: for extended information consult original documentation

LPA6000

Applications

■ Touring (small live)
■ Mobile applications
■ Permanent installation

Stereo Lightweight Amplifier

ECLER LPA6000 is a stereo amplifier delivering 2 x 320 WRMS @ 4 Ω. LPA series brings all the classic, well-known reliability and amplification quality of ECLER to a new light-weight format that is versatile and affordable.

When activated, the built-in crossover allows you to send the low frequency band to channel 1 and the high frequency band to channel 2 (cut-off point at 150 Hz) internally, making it simple and cost-effective to create two-channel configurations without any external processing.

Key Features

■ 2 analogue audio inputs x 2 powered audio outputs
■ Ultra light technology
■ Built-in crossover filter
■ Efficient progressive ventilation system
■ Rotary input attenuation controls that are easily accessible on the front panel
■ POWER ON, STD BY, SIGNAL, CLIP, STEREO/BRIDGE, XOVER and PROTECT LED indicators
■ Efficient short-circuit, overheat and DC signal protection system to prevent damage to the amplifier and/or the loudspeakers connected to it
■ Permanently activated built-in anti-clip circuit
■ Balanced inputs via XLR3 connectors and 6.35 mm stereo jack. Unbalanced inputs via RCA connectors.
■ Amplified outputs with terminal-type connectors and Speakon® connectors

Main Technical Specifications	POWER 20Hz-20kHz 1% THD				
	4Ω Stereo (RMS)	320 W			
	8Ω Stereo (RMS)	210 W			
	8Ω Bridged (RMS)	640 W			
	Dimensions / weight	H: 482.6 mm	L: 304 mm	W: 88 mm	5.62 Kg

Accessories

■ N/A

Applications

■ Touring (small live)
■ Mobile applications
■ Permanent installation

Stereo Lightweight Amplifier

ECLER LPA10000 is a stereo amplifier delivering 2 x 500 WRMS @ 4 Ω. LPA series brings all the classic, well-known reliability and amplification quality of ECLER to a new light-weight format that is versatile and affordable.
When activated, the built-in crossover allows you to send the low frequency band to channel 1 and the high frequency band to channel 2 (cut-off point at 150 Hz) internally, making it simple and cost-effective to create two-channel configurations without any external processing.

Key Features

■ 2 analogue audio inputs x 2 powered audio outputs
■ Ultra light technology
■ Built-in crossover filter
■ Efficient progressive ventilation system
■ Rotary input attenuation controls that are easily accessible on the front panel
■ POWER ON, STD BY, SIGNAL, CLIP, STEREO/BRIDGE, XOVER and PROTECT LED indicators
■ Efficient short-circuit, overheat and DC signal protection system to prevent damage to the amplifier and/or the loudspeakers connected to it
■ Permanently activated built-in anti-clip circuit
■ Balanced inputs via XLR3 connectors and 6.35 mm stereo jack. Unbalanced inputs via RCA connectors.
■ Amplified outputs with terminal-type connectors and Speakon® connectors

Main Technical Specifications	POWER 20Hz-20kHz 1% THD				
	4Ω Stereo (RMS)	500 W			
	8Ω Stereo (RMS)	330 W			
	8Ω Bridged (RMS)	1000 W			
	Dimensions / weight	H: 482.6 mm	L: 360 mm	W: 88 mm	6,85 Kg

Accessories

■ N/A

LPA16000

Applications

- Touring (small live)
- Mobile applications
- Permanent installation

Stereo Lightweight Amplifier

ECLER LPA16000 is a stereo amplifier delivering 2 x 760 WRMS @ 4 Ω. LPA series brings all the classic, well-known reliability and amplification quality of ECLER to a new light-weight format that is versatile and affordable.

When activated, the built-in crossover allows you to send the low frequency band to channel 1 and the high frequency band to channel 2 (cut-off point at 150 Hz) internally, making it simple and cost-effective to create two-channel configurations without any external processing.

Key Features

- 2 analogue audio inputs x 2 powered audio outputs
- Ultra light technology
- Built-in crossover filter
- Efficient progressive ventilation system
- Rotary input attenuation controls that are easily accessible on the front panel
- POWER ON, STD BY, SIGNAL, CLIP, STEREO/BRIDGE, XOVER and PROTECT LED indicators
- Efficient short-circuit, overheat and DC signal protection system to prevent damage to the amplifier and/or the loudspeakers connected to it
- Permanently activated built-in anti-clip circuit
- Balanced inputs via XLR3 connectors and 6.35 mm stereo jack. Unbalanced inputs via RCA connectors.
- Amplified outputs with terminal-type connectors and Speakon® connectors

Main Technical Specifications	POWER 20Hz-20kHz 1% THD				
	4Ω Stereo (RMS)	760 W			
	8Ω Stereo (RMS)	450 W			
	8Ω Bridged (RMS)	1520 W			
	Dimensions / weight	H: 482.6 mm	L: 360 mm	W: 88 mm	9.2 Kg

Accessories

- N/A

AMPLIFIERS/

LOW IMPEDANCE/

eGPA/GPA SERIES

ECLER GPA and **ECLER ESSENTIALS eGPA series** are GREEN amplifiers: stereo and multichannel units with high efficiency amplifier (class D), auto stand-by function and fanless design, 100% silent.

COMPARISON CHART

	eGPA2-150	eGPA4-150	eGPA8-150	eGPA2-250	GPA2-400	GPA2-800
	ECLER ESSENTIALS				ECLER	
Nº Channels	2 (stereo)	4 (multich.)	8 (multich.)	2 (stereo)	2 (stereo)	2 (stereo)
1 channel (RMS) @ 4Ω	140 W	140 W	140 W	250 W	390 W	640 W
1 channel (RMS) @ 8Ω	70 W	70 W	70 W	130 W	225 W	347 W
2 Bridged ch. (RMS) @ 8Ω	280 W	280 W	280 W	500 W	506 W	1000 W

NOTE: for extended information consult original documentation

Applications

- Clubs
- Theme restaurants
- Discos
- Leisure centres
- Cinemas and theatre
- Educational centres
- Boardrooms and conference halls
- Sports centres
- Mobile outdoor applications

Stereo Amplifier

ECLER ESSENTIALS eGPA2-150 is a stereo, 2x150 W RMS @ 4 Ω, high efficiency amplifier (class D). Auto stand-by function and fanless design, 100% silent. Thermal and overload protections. Anti-clip system.

Key Features

- 2 analogue audio inputs x 2 powered audio outputs
- Euroblock input and output connectors
- High efficiency, auto standby function and convection cooling (fanless, 100% silent)
- BRIDGE mode ready
- Thermal protection
- Overload protection
- Anti-clip system

Main Technical Specifications	POWER 20-20kHz 1% THD				
	1 Channel @ 4Ω (RMS)	140 W			
	1 Channel @ 8Ω (RMS)	70 W			
	All Channels @ 4Ω (RMS)	140 W			
	2 Bridged ch. @ 8Ω (RMS)	280 W			
	Frequency response (-1dB, -3dB)	20Hz - 25kHz			
	Dimensions / weight	H: 440 mm	L: 44 mm	W: 161 mm	2.60 Kg

Accessories

- N/A

Applications

- Clubs
- Theme restaurants
- Discos
- Leisure centres
- Cinemas and theatre
- Educational centres
- Boardrooms and conference halls
- Sports centres
- Mobile outdoor applications

Multichannel Amplifier

ECLER ESSENTIALS eGPA4-150 is a 4x150 W RMS @ 4 Ω, high efficiency multichannel amplifier (class D). Auto stand-by function and fanless design, 100% silent. Thermal and overload protections. Anti-clip system.

Key Features

- 4 analogue audio inputs x 4 powered audio outputs
- Euroblock input and output connectors
- High efficiency, auto standby function and convection cooling (fanless, 100% silent)
- BRIDGE mode ready
- Thermal protection
- Overload protection
- Anti-clip system

Main Technical Specifications	POWER 20-20kHz 1% THD				
	1 Channel @ 4Ω (RMS)	140 W			
	1 Channel @ 8Ω (RMS)	70 W			
	All Channels @ 4Ω (RMS)	140 W			
	2 Bridged ch. @ 8Ω (RMS)	280 W			
	Frequency response (-1dB, -3dB)	20Hz - 25kHz			
	Dimensions / weight	H: 440 mm	L: 44 mm	W: 221 mm	3.60 Kg

Accessories

- N/A

AMPLIFIERS/

LOW IMPEDANCE/

eGPA8-150

Applications

- Clubs
- Theme restaurants
- Discos
- Leisure centres
- Cinemas and theatre
- Educational centres
- Boardrooms and conference halls
- Sports centres
- Mobile outdoor applications

Multichannel Amplifier

ECLER ESSENTIALS eGPA8-150 is an 8x150 W RMS @ 4 Ω, high efficiency multichannel amplifier (class D). Auto stand-by function and fanless design, 100% silent. Thermal and overload protections. Anti-clip system.

Key Features

- 8 analogue audio inputs x 8 powered audio outputs
- Euroblock input and output connectors
- High efficiency, auto standby function and convection cooling (fanless, 100% silent)
- BRIDGE mode ready
- Thermal protection
- Overload protection
- Anti-clip system

Main Technical Specifications	POWER 20-20kHz 1% THD				
	1 Channel @ 4Ω (RMS)	140 W			
	1 Channel @ 8Ω (RMS)	70 W			
	All Channels @ 4Ω (RMS) -	140 W			
	2 Bridged ch. @ 8Ω (RMS)	280 W			
	Frequency response (-1dB, -3dB)	20Hz - 25kHz			
	Dimensions / weight	H: 440 mm	L: 44 mm	W: 341 mm	6 Kg

Accessories

- N/A

AMPLIFIERS/

LOW IMPEDANCE/

eGPA2-250

Applications

- Clubs
- Theme restaurants
- Discos
- Leisure centres
- Cinemas and theatre
- Educational centres
- Boardrooms and conference halls
- Sports centres
- Mobile outdoor applications

Stereo High-efficiency Amplifier

ECLER ESSENTIALS eGPA2-250 is a stereo, 2x250 W RMS @ 4 Ω, high efficiency amplifier (class D). Auto stand-by function and fanless design, 100% silent. Thermal and overload protections. Anti-clip system.

Key Features

- 2 analogue audio inputs x 2 powered audio outputs
- Euroblock input and output connectors
- High efficiency, auto standby function and convection cooling (fanless, 100% silent)
- BRIDGE mode ready
- Thermal protection
- Overload protection
- Anti-clip system

	POWER 20-20kHz 1% THD			
	1 Channel @ 4Ω (RMS)	250 W		
	1 Channel @ 8Ω (RMS)	130 W		
Main Technical Specifications	All Channels @ 4Ω (RMS)	250 W		
	2 Bridged ch. @ 8Ω (RMS)	500 W		
	Dimensions / weight	H: 440 mm	L: 44 mm	W: 221 mm	TBA

Accessories

- N/A

AMPLIFIERS/

LOW IMPEDANCE/

GPA2-400

Applications

- Clubs
- Theme restaurants
- Discos
- Leisure centres
- Cinemas and theatre
- Educational centres
- Boardrooms and conference halls
- Sports centres
- Mobile outdoor applications

Stereo High-efficiency Amplifier

ECLER GPA2-400 is a stereo amplifier delivering 2 x 360 WRMS @ 4 Ω, and ready to drive 2,66Ω loudspeaker loads (3 x 8 Ω loudspeakers in parallel, per channel).

GPA is a series of stereo amplifiers that become a perfect and affordable option in many audio projects. A very high efficiency and an auto standby function provide these amplifiers with a true green profile.

Key Features

- 2 analogue audio inputs x 2 powered audio outputs
- Euroblock output and speakon connectors
- 2 REMOTE volume ports (0-10VDC), compatible with WPm series wall panels
- High efficiency, auto standby function and convection cooling (fanless, 100% silent)
- BRIDGE mode ready
- Thermal protection
- Overload protection
- Anti-clip system
- Volume control knobs on front panel with protection cap, against undesired manipulation

Main Technical Specifications	POWER 20Hz-20kHz 1% THD				
	1 Channel @ 4Ω (RMS)	390 W			
	1 Channel @ 8Ω (RMS)	225 W			
	All Channels @ 4Ω (RMS)	322 W			
	1 Channel @ 2.666Ω (RMS)	506 W			
	2 Bridged ch. @ 8Ω (RMS)	650 W			
	Remote Control	2 x REMOTE ports for remote volume management (WPm series)			
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 373 mm	10.8 Kg

Accessories

- WPm series wall panels

WPmVOL

AMPLIFIERS/

LOW IMPEDANCE/

GPA2-800

Applications

- Clubs
- Theme restaurants
- Discos
- Leisure centres
- Cinemas and theatre
- Educational centres
- Boardrooms and conference halls
- Sports centres
- Mobile outdoor applications

Stereo High-efficiency Amplifier

ECLER GPA2-800 is a stereo amplifier delivering 2 x 720 WRMS @ 4 Ω, and ready to drive 2Ω loudspeaker loads (4 x 8 Ω loudspeakers in parallel, per channel).

GPA is a series of stereo amplifiers that become a perfect and affordable option in many audio projects. A very high efficiency and an auto standby function provide these amplifiers with a true green profile.

Key Features

- 2 analogue audio inputs x 2 powered audio outputs
- Euroblock output and speakon connectors
- 2 REMOTE volume ports (0-10VDC), compatible with WPm series wall panels
- High efficiency, auto standby function and convection cooling (fanless, 100% silent)
- BRIDGE mode ready
- Thermal protection
- Overload protection
- Anti-clip system
- Volume control knobs on front panel with protection cap, against undesired manipulation

Main Technical Specifications	POWER 20Hz-20kHz 1% THD	
	1 Channel @ 4Ω (RMS)	640 W
	1 Channel @ 8Ω (RMS)	347 W
	All Channels @ 4Ω (RMS)	575 W
	1 Channel @ 2.666Ω (RMS)	1000 W
	2 Bridged ch. @ 8Ω (RMS)	1150 W
	Remote Control	2 x REMOTE ports for remote volume management (WPm series)
	Dimensions / weight	H: 482.6 mm / L: 88 mm / W: 373 mm / 13.5 Kg

Accessories

- WPm series wall panels

WPmMIX-T

AMPLIFIERS/

LOW IMPEDANCE/

MPA SERIES

Ecler's classical and renowned multichannel amplifier series, including 4 and 6 channels models, delivering 80, 150 or 400 W per channel.

		MPA4-80R	MPA6-80R	MPA4-150R	MPA6-150R	MPA4-400R
		MULTI-CHANNEL AMPLIFIERS				
	Nº Outputs	4	6	4	6	4
	1 channel (RMS) @ 4Ω	80 W	85 W	182 W	200 W	410 W
	1 channel (RMS) @ 8Ω	50 W	52 W	116 W	115 W	230 W
	1 Bridge ch. (RMS) @ 8Ω	117 W	123 W	370 W	350 W	610 W
	All ch. (RMS) @ 8Ω	40 W	48 W	99 W	85 W	200 W
	Remote ports	4	6	4	6	4
	Noiseless Convection Cooling	√	√	√	√	✕
	Dual Slope Controlled Fan System	✕	✕	✕	✕	√

NOTE: for extended information consult original documentation

Applications

- Public Address
- Theme parks
- Clubs
- Theme restaurants
- Multi-purpose halls
- Boardrooms and conference halls
- Franchise retail shops

Multichannel Amplifier

ECLER MPA4-80R is a 4 x 80 W multichannel amplifier, a model belonging to our well known line of multi-zone power amplifiers for high end installations, the MPA series.

Key Features

- 4 analogue audio inputs x 4 powered audio outputs
- Individual input sensitivity controls with sealing possibility to avoid unwanted manipulation
- Signal presence (SP) and CLIP indicators for each channel
- Balanced inputs, XLR connectors (Euroblock in 150W models), Euroblock output connectors
- Stack outputs on all models
- Input channels link switch for superior versatility
- Independent VCA (EUROBLOCK) volume remote control port for each input channel, ready for external 0-10 V signal, compatible with WPm series wall panels
- Noiseless convection cooling (80 and 150 W models)
- Dual Slope Controlled Fan system (MPA4-400R)
- Totally protected against shorting, DC at the outputs and overheating

Main Technical Specifications	POWER 20Hz-20kHz 1% THD				
	1 Channel @ 4Ω (RMS)	80 W			
	1 Channel @ 8Ω (RMS)	50 W			
	All Channels @ 4Ω (RMS)	55 W			
	All Channels @ 8Ω (RMS)	40 W			
	1 Bridge channel @ 8Ω (RMS)	117 W			
	Remote Control	4 x REMOTE ports for remote volume management (WPm series)			
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 373 mm	8.5 Kg

Accessories

- DLA4-80: 4 channel 100V adaptor
- WPm series wall panels

WPmVOL

AMPLIFIERS/

LOW IMPEDANCE/

MPA6-80R

Applications

- Public Address
- Theme parks
- Clubs
- Theme restaurants
- Multi-purpose halls
- Boardrooms and conference halls
- Franchise retail shops

Multichannel Amplifier

ECLER MPA6-80R is a 6 x 80 W multichannel amplifier, a model belonging to our well known line of multi-zone power amplifiers for high end installations, the MPA series.

Key Features

- 6 analogue audio inputs x 6 powered audio outputs
- Individual input sensitivity controls with sealing possibility to avoid unwanted manipulation
- Signal presence (SP) and CLIP indicators for each channel
- Balanced inputs, XLR connectors (Euroblock in 150W models), Euroblock output connectors
- Stack outputs on all models
- Input channels link switch for superior versatility
- Independent VCA (EUROBLOCK) volume remote control port for each input channel, ready for external 0-10 V signal, compatible with WPm series wall panels
- Noiseless convection cooling (80 and 150 W models)
- Dual Slope Controlled Fan system (MPA4-400R)
- Totally protected against shorting, DC at the outputs and overheating

Main Technical Specifications	POWER 20Hz-20kHz 1% THD				
	1 Channel @ 4Ω (RMS)	85 W			
	1 Channel @ 8Ω (RMS)	52 W			
	All Channels @ 4Ω (RMS)	58 W			
	All Channels @ 8Ω (RMS)	48 W			
	1 Bridge channel @ 8Ω (RMS)	123 W			
	Remote Control	6 x REMOTE ports for remote volume management (WPm series)			
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 373 mm	10.3 Kg

Accessories

- DLA6-80: 6 channel 100V adaptor
- WPm series wall panels

WPmVOL

AMPLIFIERS/

LOW IMPEDANCE/

MPA4-150R

Applications

- Public Address
- Theme parks
- Clubs
- Theme restaurants
- Multi-purpose halls
- Boardrooms and conference halls
- Franchise retail shops

Multichannel Amplifier

ECLER MPA4-150R is a 4 x 150 W multichannel amplifier, a model belonging to our well known line of multi-zone power amplifiers for high end installations, the MPA series.

Key Features

- 4 analogue audio inputs x 4 powered audio outputs
- Individual input sensitivity controls with sealing possibility to avoid unwanted manipulation
- Signal presence (SP) and CLIP indicators for each channel
- Balanced inputs, XLR connectors (Euroblock in 150W models), Euroblock output connectors
- Stack outputs on all models
- Input channels link switch for superior versatility
- Independent VCA (EUROBLOCK) volume remote control port for each input channel, ready for external 0-10 V signal, compatible with WPm series wall panels
- Noiseless convection cooling (80 and 150 W models)
- Dual Slope Controlled Fan system (MPA4-400R)
- Totally protected against shorting, DC at the outputs and overheating

Main Technical Specifications	POWER 20Hz-20kHz 1% THD				
	1 Channel @ 4Ω (RMS)	182 W			
	1 Channel @ 8Ω (RMS)	116 W			
	All Channels @ 4Ω (RMS)	146 W			
	All Channels @ 8Ω (RMS)	99 W			
	1 Bridge channel @ 8Ω (RMS)	370 W			
	Remote Control	4 x REMOTE ports for remote volume management (WPm series)			
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 280 mm	9.3 Kg

Accessories

- DLA600: dual channel 100V adaptor
- WPm series wall panels

WPmVOL

Applications

- Public Address
- Theme parks
- Clubs
- Theme restaurants
- Multi-purpose halls
- Boardrooms and conference halls
- Franchise retail shops

Multichannel Amplifier

ECLER MPA6-150R is a 6 x 150 W multichannel amplifier, a model belonging to our well known line of multi-zone power amplifiers for high end installations, the MPA series.

Key Features

- 6 analogue audio inputs x 6 powered audio outputs
- Individual input sensitivity controls with sealing possibility to avoid unwanted manipulation
- Signal presence (SP) and CLIP indicators for each channel
- Balanced inputs, XLR connectors (Euroblock in 150W models), Euroblock output connectors
- Stack outputs on all models
- Input channels link switch for superior versatility
- Independent VCA (EUROBLOCK) volume remote control port for each input channel, ready for external 0-10 V signal, compatible with WPm series wall panels
- Noiseless convection cooling (80 and 150 W models)
- Dual Slope Controlled Fan system (MPA4-400R)
- Totally protected against shorting, DC at the outputs and overheating

Main Technical Specifications	POWER 20Hz-20kHz 1% THD				
	1 Channel @ 4Ω (RMS)	200 W			
	1 Channel @ 8Ω (RMS)	115 W			
	All Channels @ 4Ω (RMS)	123 W			
	All Channels @ 8Ω (RMS)	85 W			
	1 Bridge channel @ 8Ω (RMS)	350 W			
	Remote Control	6 x REMOTE ports for remote volume management (WPm series)			
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 373 mm	10.8 Kg

Accessories

- DLA6-80: 6 channel 100V adaptor
- WPm series wall panels

WPmVOL

Applications

- Public Address
- Theme parks
- Clubs
- Theme restaurants
- Multi-purpose halls
- Boardrooms and conference halls
- Franchise retail shops

Multichannel Amplifier

ECLER MPA4-400R is a 4 x 400 W multichannel amplifier, a model belonging to our well known line of multi-zone power amplifiers for high end installations, the MPA series.

Key Features

- 4 analogue audio inputs x 4 powered audio outputs
- Individual input sensitivity controls with sealing possibility to avoid unwanted manipulation
- Signal presence (SP) and CLIP indicators for each channel
- Balanced inputs, XLR connectors (Euroblock in 150W models), Euroblock output connectors
- Stack outputs on all models
- Input channels link switch for superior versatility
- Independent VCA (EUROBLOCK) volume remote control port for each input channel, ready for external 0-10 V signal, compatible with WPm series wall panels
- Noiseless convection cooling (80 and 150 W models)
- Dual Slope Controlled Fan system (MPA4-400R)
- Totally protected against shorting, DC at the outputs and overheating

	POWER 20Hz-20kHz 1% THD	
	1 Channel @ 4Ω (RMS)	410 W
	1 Channel @ 8Ω (RMS)	230 W
	All Channels @ 4Ω (RMS)	350 W
Main Technical Specifications	All Channels @ 8Ω (RMS)	200 W
	1 Bridge channel @ 8Ω (RMS)	610 W
	Remote Control	4 x REMOTE ports for remote volume management (WPm series)
	Dimensions / weight	H: 482.6 mm L: 88 mm W: 408 mm 19.8 Kg

Accessories

- DLA600: dual channel 100V adaptor
- WPm series wall panels

WPmVOL

AMPLIFIERS/

LOW IMPEDANCE/

DPA SERIES

Our flagship series of stereo amplifiers: Ecler patented SPM amplification technology, superb audio quality and ALMAcard DSP processor as an option.

	DPA1000	DPA1400	DPA2000	DPA4000T
	HIGH-END STEREO AMPLIFIERS			
Stereo (RMS) @ 4Ω	440 W	635 W	940 W	1880 W
Stereo (RMS) @ 8Ω	275 W	395 W	550 W	1110 W
Bridged (RMS) @ 8Ω	882 W	1270 W	1880 W	3760 W
Stereo (RMS) @ 2Ω	682 W	990 W	1420 W	2800 W
RU	2	2	2	3

NOTE: for extended information consult original documentation

Applications

- Clubs
- Theme restaurants
- Discos
- Leisure centres
- Cinemas and theatre
- Educational centres
- Boardrooms and conference centres
- Mobile outdoor applications

High-end Stereo Amplifier

ECLER DPA1000 is a stereo amplifier delivering 2 x 440WRMS @ 4 Ω, and ready to drive 2Ω loudspeaker loads (4 x 8 Ω loudspeakers in parallel, per channel). It features ECLER's SPM proprietary technology and optional in-bay ALMAcard DSP module. A top-notch amplifier, very suitable for the high end installation.

Key Features

- 2 analogue audio inputs x 2 powered audio outputs
- ECLER patented SPM amplifying technology
- Drive down to 2Ω loads
- Intelligent ANTICLIP system: always on. Limits Harmonic Distortion by monitoring the transient behaviour of the input signal
- Independent channel THERMAL protection with the front panel indicator
- PROTECT indicator: short-circuit, DC/low frequency signal protection system to prevent damage to the amplifier and/or the loudspeakers connected to it
- SIGNAL PRESENT front panel indicator (-40dBV)
- CLIP indicator active for output signals 1.5dB below real clipping
- On-board 25 Hz switchable SUBSONIC filter
- Crowbar (relay-free) DC protection circuit
- Smart back-to-front cooling system
- ALMAcard DSP card compatible
- Tamper-proof front knobs plastic caps
- 2 RU high
- Three year warranty

Main Technical Specifications	POWER 20Hz-20kHz 1% THD			
	2Ω Stereo (RMS)	682 W		
	4Ω Stereo (RMS)	440 W		
	8Ω Stereo (RMS)	275 W		
	8Ω Bridged (RMS)	882 W		
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 420 mm	16.6 Kg

Accessories

- ALMAcard: DSP card for extensive and comprehensive signal processing

ALMAcard

Applications

- Clubs
- Theme restaurants
- Discos
- Leisure centres
- Cinemas and theatre
- Educational centres
- Boardrooms and conference centres
- Mobile outdoor applications

High-end Stereo Amplifier

ECLER DPA1400 is a stereo amplifier delivering 2 x 630 WRMS @ 4 Ω, and ready to drive 2Ω loudspeaker loads (4 x 8 Ω loudspeakers in parallel, per channel). It features ECLER's SPM proprietary technology and optional in-bay ALMAcard DSP module. A top-notch amplifier, very suitable for the high end installation.

Key Features

- 2 analogue audio inputs x 2 powered audio outputs
- ECLER patented SPM amplifying technology
- Drive down to 2Ω loads
- Intelligent ANTICLIP system: always on. Limits Harmonic Distortion by monitoring the transient behaviour of the input signal
- Independent channel THERMAL protection with the front panel indicator
- PROTECT indicator when DC, when detected DC / LF input signals, or short-circuit loads

- SIGNAL PRESENT front panel indicator (-40dBV)
- CLIP indicator active for output signals 1.5dB below real clipping
- On-board 25 Hz switchable SUBSONIC filter
- Crowbar (relay-free) DC protection circuit
- Smart back-to-front cooling system
- ALMAcard DSP card compatible
- Tamper-proof front knobs plastic caps
- 2 RU high
- Three year warranty

Main Technical Specifications	POWER 20Hz-20kHz 1% THD			
	2Ω Stereo (RMS)	990 W		
	4Ω Stereo (RMS)	635 W		
	8Ω Stereo (RMS)	395 W		
	8Ω Bridged (RMS)	1270 W		
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 420 mm	19.3 Kg

Accessories

- ALMAcard: DSP card for extensive and comprehensive signal processing.

ALMAcard

Applications

- Clubs
- Theme restaurants
- Discos
- Leisure centres
- Cinemas and theatre
- Educational centres
- Boardrooms and conference centres
- Mobile outdoor applications

High-end Stereo Amplifier

ECLER DPA2000 is a stereo amplifier delivering 2 x 940 WRMS @ 4 Ω, and ready to drive 2Ω loudspeaker loads (4 x 8 Ω loudspeakers in parallel, per channel). It features ECLER's SPM proprietary technology and optional in-bay ALMAcard DSP module. A top-notch amplifier, very suitable for the high end installation.

Key Features

- 2 analogue audio inputs x 2 powered audio outputs
- ECLER patented SPM amplifying technology
- Drive down to 2Ω loads
- Intelligent ANTICLIP system: always on. Limits Harmonic Distortion by monitoring the transient behaviour of the input signal
- Independent channel THERMAL protection with the front panel indicator
- PROTECT indicator when DC, when detected DC / LF input signals, or short-circuit loads

- SIGNAL PRESENT front panel indicator (-40dBV)
- CLIP indicator active for output signals 1.5dB below real clipping
- On-board 25 Hz switchable SUBSONIC filter
- Crowbar (relay-free) DC protection circuit
- Smart back-to-front cooling system
- ALMAcard DSP card compatible
- Tamper-proof front knobs plastic caps
- 2 RU high
- Three year warranty

Main Technical Specifications	POWER 20Hz-20kHz 1% THD				
	2Ω Stereo (RMS)	1420 W			
	4Ω Stereo (RMS)	940 W			
	8Ω Stereo (RMS)	550 W			
	8Ω Bridged (RMS)	1880 W			
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 470 mm	22.7 Kg

Accessories

- ALMAcard: DSP card for extensive and comprehensive signal processing.

ALMAcard

DPA4000T

Applications

- Clubs
- Theme restaurants
- Discos
- Leisure centres
- Cinemas and theatre
- Educational centres
- Boardrooms and conference centres
- Mobile outdoor applications

High-end Stereo Amplifier

ECLER DPA4000T is a stereo amplifier delivering 2 x 1900 WRMS @ 4 Ω, and ready to drive 2Ω loudspeaker loads (4 x 8 Ω loudspeakers in parallel, per channel). It features ECLER's SPM proprietary technology and optional in-bay ALMAcard DSP module. A top-notch amplifier, very suitable for the high end installation.

Key Features

- 2 analogue audio inputs x 2 powered audio outputs
- ECLER patented SPM amplifying technology
- Drive down to 2Ω loads
- Intelligent ANTICLIP system: always on. Limits Harmonic Distortion by monitoring the transient behaviour of the input signal
- Independent channel THERMAL protection with the front panel indicator
- PROTECT indicator when DC, when detected DC / LF input signals, or short-circuit loads

- SIGNAL PRESENT front panel indicator (-40dBV)
- CLIP indicator active for output signals 1.5dB below real clipping
- On-board 25 Hz switchable SUBSONIC filter
- Crowbar (relay-free) DC protection circuit
- Smart back-to-front cooling system
- ALMAcard DSP card compatible
- Tamper-proof front knobs plastic caps
- 3 RU high
- Three year warranty

Main Technical Specifications	POWER 20Hz-20kHz 1% THD				
	2Ω Stereo (RMS)	2800 W			
	4Ω Stereo (RMS)	1880 W			
	8Ω Stereo (RMS)	1110 W			
	8Ω Bridged (RMS)	3760 W			
	Dimensions / weight	H: 482.6 mm	L: 132.5 mm	W: 532 mm	34.1 Kg

Accessories

- ALMAcard: DSP card for extensive and comprehensive signal processing.

ALMAcard

AMPLIFIERS/
HIGH IMPEDANCE
(70/100V)

4.2

Fixed installations usually require a huge amount of loudspeakers fed by the same amplification channel and, in some cases, long wire runs must as well be used. Under these circumstances, high impedance technology is probably the best option.

Ecler high impedance range of amplifiers offers several options and levels in terms of technology, format and cost.

AMPLIFIERS/
HIGH IMPEDANCE
(70/100V)

AMPLIFIERS/

HIGH IMPEDANCE (70/100V)/

eHSA/HSA SERIES

Mono (single zone), Stereo (two zones) and multichannel (several zones) high impedance amplifiers in standard rack-mount format.

	HSA300	HSA2-400	HZA4-70F	HZA4-120F
	HIGH IMPEDANCE AMPLIFIERS (70/100V)			
Inputs/Outputs	1/1	2/2	4/4	4/4
1 Ch. (RMS)	302 W	410W	74 W	114 W
2 Ch. (RMS)	-	332W	140 W (merged)	195 W (merged)
3 Merged Ch. (RMS)	-	-	204 W	290 W
4 Merged Ch. (RMS)	-	-	260 W	356 W
Remote Ports	-	2	4	4
Freq. Response	30Hz – 35kHz	20Hz – 30kHz	30Hz – 55kHz	30Hz – 55kHz
Convection Cooling	✗	✓	✓	✓
Auto Stand-by	✗	✓	✓	✓

NOTE: for extended information consult original documentation

eHSA2-150

Applications

■ Single or multi-zone BGM and paging systems with 100V line speakers, combined with the DAM, MIMO and SAM / eSAM series preamplifiers / processors

High Impedance Stereo Amplifier

ECLER ESSENTIALS eHSA2-150 is a stereo amplifier with high impedance powered outputs. A very high efficiency and its auto stand-by function provide this amplifier with a true green profile.

Key Features

■ 2 mono balanced inputs (Euroblock terminals)
■ 2 x 150 W RMS output (70/ 100V line level)
■ Euroblock output connectors
■ High efficiency, auto stand-by function and convection cooling (fanless, 100% silent)
■ Thermal protection
■ Overload protection
■ Anti-clip system
■ Volume control knobs on front panel

Main Technical Specifications				
Power output @ 100VRMS @ 25Ω	150WRMS			
Power output All Channels @ 25Ω	125 WRMS			
Power output 1 Channel @ 4Ω	150 WRMS			
Power output All Channels @ 4Ω	125 WRMS			
Power output 1 Channel @ 2.666Ω	300 WRMS			
Frequency response (-3dB)	20Hz – 30kHz			
Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 373 mm	TBC

Accessories

■ N/A

AMPLIFIERS/

HIGH IMPEDANCE/

eHSA4-150

Applications

■ Single or multi-zone BGM and paging systems with 100V line speakers, combined with the DAM, MIMO and SAM / eSAM series preamplifiers / processors

High Impedance Multichannel Amplifier

ECLER ESSENTIALS eHSA4-150 is a multichannel amplifier with high impedance powered outputs. A very high efficiency and its auto stand-by function provide this amplifier with a true green profile.

Key Features

■ 4 mono balanced inputs (Euroblock terminals)
■ 4 x 150 W RMS output (70/ 100V line level)
■ Euroblock output connectors
■ High efficiency, auto stand-by function and convection cooling (fanless, 100% silent)
■ Thermal protection
■ Overload protection
■ Anti-clip system
■ Volume control knobs on front panel

Main Technical Specifications				
Power output @ 100VRMS @ 25Ω	150WRMS			
Power output All Channels @ 25Ω	125 WRMS			
Power output 1 Channel @ 4Ω	150 WRMS			
Power output All Channels @ 4Ω	125 WRMS			
Power output 1 Channel @ 2.666Ω	300 WRMS			
Frequency response (-3dB)	20Hz – 30kHz			
Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 373 mm	TBC

Accessories

■ N/A

Applications

- Single or multi-zone BGM and paging systems with 100V line speakers, combined with the DAM, MIMO and SAM / eSAM series preamplifiers / processors

High Impedance Mono Amplifier

ECLER HSA300 is a single channel amplifier with direct 100 V line (high impedance) output. It's equipped with ECLER's proprietary SPM 100 Technology - Channel N, which allows for 100 V speaker lines connection without using 100 V line transformers, as this kind of amplifiers usually do. This fact has many advantages, being the main one the excellent audio quality, specially improved in the low-end frequencies when compared to classical 100V line amplifiers.

Key Features

- 1 mono balanced input
- 1 x 260 W output (100V line level)
- Euroblock connectors
- SPM 100 amplification Technology - Channel N (no 100V output transformers used):
  - Improved frequency response (specially at the low-end)
  - Great efficiency
  - Low weight

- Butterworth, 3rd order high pass filter @ 70Hz
- Thermal protection
- Overload protection
- Anti-clip system
- Volume control knobs on front panel with protection cap, against undesired manipulation

Main Technical Specifications					
	Power output @ 100VRMS @ 32Ω 1%THD	254 WRMS			
	Power output @ 100VRMS @ 32Ω 10%THD	302 WRMS			
	High pass filter 3rd order Butterworth	70 Hz			
	Frequency response (-3dB)	30Hz – 35kHz			
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 285 mm	8.4 Kg

Accessories

- N/A

Applications

■ Single or multi-zone BGM and paging systems with 100V line speakers, combined with the DAM, MIMO and SAM / eSAM series preamplifiers / processors

High Impedance Stereo Amplifier

ECLER HSA2-400 is a stereo amplifier with low and high impedance powered outputs. A very high efficiency and its auto stand-by function provide this amplifier with a true green profile. Supports low impedance loudspeaker loads down to 2,66 Ω.

Key Features

■ 2 mono balanced inputs (XLR and Euroblock terminals)
■ 2 x 400 W RMS output (4Ω and 70/ 100V line level)
■ Euroblock output connectors
■ 2 REMOTE volume ports (0-10VDC), compatible with WPm series wall panels
■ High efficiency, auto stand-by function and convection cooling (fanless, 100% silent)

■ Butterworth, 3rd order high pass filter @ 50Hz
■ Thermal protection
■ Overload protection
■ Anti-clip system
■ Volume control knobs on front panel with protection cap, against undesired manipulation

Main Technical Specifications					
Power output @ 100VRMS @ 25Ω	410WRMS				
Power output All Channels @ 25Ω	332 WRMS				
Power output 1 Channel @ 4Ω	390 WRMS				
Power output All Channels @ 4Ω	322 WRMS				
Power output 1 Channel @ 2.666Ω	506 WRMS				
High pass filter 3rd order Butterworth	50 Hz				
Frequency response (-3dB)	20Hz – 30kHz				
Remote Control	2 x REMOTE ports for remote volume management (WPm series compatible)				
Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 373 mm	16.4 Kg	

Accessories

■ WPm series wall panels

WPmVOL

- ... and 4x120 W models
- ... 100V outputs using Ecler's proprietary SPM 100 Technology - Channel N (no 100V output transformers)
- FLEXIPOWER TECHNOLOGY: any 2, 3 or 4 adjacent channels can be linked to merge their individual power (8 possible merging combinations)
- Convection cooling (100% silent and increased reliability)
- Auto stand-by function
- Volume remote control ports (0 - 10 VDC)

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Sound experience Barcelona 1965

HZA F

MULTICHANNEL AMPLIFIER SERIES WITH FLEXIPOWER TECHNOLOGY

FLEXIPOWER LETS YOU MERGE CHANNELS TO 2x DOUBLE, 3x TRIPLE OR EVEN 4x QUADRUPLE POWER KEEPING THE 100V OUTPUT LEVEL

High-end multichannel high impedance amplifiers in standard rack-mount format, employing SPM 100 Technology and with a really unique feature: 2, 3 or 4 channels can be merged, adding their output power and managing their signal routing and volume control as a single merged channel.

SPM 100 technology is transformer-free. This fact has many advantages, being the main ones the audio quality improvement (especially in the low-end frequencies) and the convection cooling, 100% silent.

BE FLEXIBLE

HZA4-120F
100V MULTICHANNEL POWER AMPLIFIER

ecler

noiseless
TECHNOLOGY

HZA4-70F

Applications

- Multi-zone BGM and paging systems with 100V line speakers, combined with the DAM614, MIMO88 matrixes and SAM / eSAM series preamplifiers

Flexi-power Amplifier

ECLER HZA4-70F is a four MERGING channel amplifier with direct 4 x 70 WRMS @ 100 V line (high impedance) outputs. It integrates ECLER's proprietary SPM 100 Technology - Channel N, which allows for 100 V speaker lines connection without using 100 V line transformers at the amplified outputs, as this kind of amplifiers usually do. This fact has many advantages, being the main ones the audio quality improvement (specially in the low-end frequencies) and the convection cooling, 100% silent.

Key Features

- 4 mono balanced inputs
- 4 x 70 W amplified outputs (100V line level)
- 4 volume remote control ports (0 - 10 VDC)
- Euroblock connectors
- SPM 100 amplification Technology - Channel N (no 100 V output transformers used):
  - Improved frequency response (specially at the low-end)
  - Convection cooling (100% silent and increased reliability)
  - Great efficiency
  - Low weight

- Auto stand-by function after 2 minutes without audio input signals, with instantaneous auto-recovery
- Thermal protection
- Overload protection
- Anti-clip system
- Volume control knobs on front panel with protection cap, against undesired manipulation
- Every 2, 3 or 4 adjacent channels can be merged, adding their ouput power and managing their signal routing and volume control as a single merged channel

Main Technical Specifications	POWER 1% THD RMS			
	1 Channel	74WRMS @136Ω		
	2 Merged Channels	140WRMS @72Ω		
	3 Merged Channels	204WRMS @50Ω		
	4 Merged Channels	260WRMS @38Ω		
	Frequency response (-3dB)	30Hz – 55kHz		
	Remote Control	4 x REMOTE ports for remote volume management (WPm series compatible)		
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 392 mm	12.75 Kg

Accessories

- WPm series wall panels

WPmVOL

Applications

- Multi-zone BGM and paging systems with 100V line speakers, combined with the DAM614, MIMO88 matrixes and SAM / eSAM series preamplifiers

Flexi-power Amplifier

ECLER HZA4-120F is a four MERGING channel amplifier with direct 4 x 120 WRMS @ 100 V line (high impedance) outputs. It integrates ECLER's proprietary SPM 100 Technology - Channel N, which allows for 100 V speaker lines connection without using 100 V line transformers at the amplified outputs, as this kind of amplifiers usually do. This fact has many advantages, being the main ones the audio quality improvement (specially in the low-end frequencies) and the convection cooling, 100% silent.

Key Features

- 4 mono balanced inputs
- 4 x 120 W amplified outputs (100V line level)
- 4 volume remote control ports (0 - 10 VDC)
- Euroblock connectors
- SPM 100 amplification Technology - Channel N (no 100 V output transformers used):
  – Improved frequency response (specially at the low-end)
  – Convection cooling (100% silent and increased reliability)
  – Great efficiency
  – Low weight

- Auto stand-by function after 2 minutes without audio input signals, with instantaneous auto-recovery
- Thermal protection
- Overload protection
- Anti-clip system
- Volume control knobs on front panel with protection cap, against undesired manipulation
- Every 2, 3 or 4 adjacent channels can be merged, adding their ouput power and managing their signal routing and volume control as a single merged channel

Main Technical Specifications	POWER 1% THD RMS			
	1 Channel	114W @88Ω		
	2 Merged Channels	195W @50Ω		
	3 Merged Channels	290W @32Ω		
	4 Merged Channels	356W @26Ω		
	Frequency response (-3dB)	30Hz – 55kHz		
	Remote Control	4 x REMOTE ports for remote volume management (WPm series compatible)		
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 392 mm	13.60 Kg

Accessories

- WPm series wall panels

WPmMIX-T

AMPLIFIERS/
MIXING AMPLIFIERS

4.3

A range of self-powered mixers that can become the perfect single-box solution in most projects involving background music, microphone signals, paging, pre-recorded messages and evacuation alarms.

AMPLIFIERS /
MIXING AMPLIFIERS

AMPLIFIERS/

MIXING AMPLIFIERS/
HMA SERIES & CA200Z

Mono and Stereo Self-powered mixers with low and/or high impedance outputs and several combinations of audio inputs, priorities and remote control options.

AMPLIFIERS/
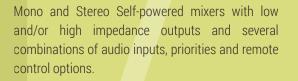
MIXING AMPLIFIERS/

HMA120

Applications

■ Retail stores, restaurants and bars
■ BGM & Paging solutions, with message priorities and source/ volume independent selection

Self-powered Media Mixer

ECLER HMA120 is a self-powered mixer including an integrated media player and 5 external audio inputs: 3 x LINE ST, 1 MIC/LINE and 1 MIC. It features a 120W powered output that supports both low (4 Ω) and high impedance (70V, 100V) loudspeaker lines. It also includes a 2 level priority system (paging, emergencies, etc.), auto stand-by mode, AUX OUT and an additional remote control port to manage the source selection and output volume by means of WPm series wall panels.
HMA120 is the perfect integral solution for user-friendly and budget audio projects.

Key Features

■ 2 balanced microphone input mixable with the selected music program (MIC1 and MIC2/LINE ST inputs)
■ 3 line inputs for music sources
■ Integrated audio player (supporting mp3 format) with USB and SD CARD slots for media storage devices
■ Music program selector on the front panel: LINE1, LINE2, LINE3, MEDIA (integrated player)
■ Noise gate and two-level priority system (Talkover 1 and Talkover 2) for MIC1 and MIC2/LINE inputs
■ Independent level controls on the front panel for MIC1, MIC2/LINE and MUSIC signals
■ 2-band EQ (BASS/TREBLE) for MIC1 and MIC2/LINE and 2-band EQ for program MUSIC signal
■ REMOTE port for connecting WPm series wall panels, 0 - 10VDC (source selection and volume)
■ MUTE port to remotely mute the unit from an external device, via dry contact closure
■ Auxiliary Output
■ Auto Stand-by function

Main Technical Specifications	POWER 1% THD (RMS)	
	Output @ 4Ω	110 WRMS
	Output @ 8Ω	84 WRMS
	Output 70V @ 41Ω	110 WRMS
	Output 100V @ 85Ω	110 WRMS
	High pass filter 3rd order Butterworth	70 Hz
	Remote Control	REMOTE port for remote volume management (WPm series compatible)
	Dimensions / weight	H: 210 mm · L: 230 mm · W: 88 mm · 5.95 Kg

Accessories

■ 2UHRMKIT rack installation accessory (kit including 2 brackets)
■ MPAGE1 paging station
■ WPm series wall panel controls

WPmVOL

Applications

- BGM, Public Address & Paging solutions, with up to 9 audio inputs, message priorities and volume / EQ independent management

Self-powered Mixer

ECLER HMA180 is a self-powered installation Public Address mixer. It features a total of 9 audio inputs and a high / low impedance amplified output, together with an extensive set of control connections and features to be the perfect single-box solution in most projects involving background music, microphone signals, paging, pre-recorded messages and evacuation alarms.

Key Features

- 4 MIC balanced and 4 LINE inputs
- Independent 3 band EQ for the MIC mix and LINE mix busses
- Pager & chime function, MIC1 input (voice level or contact closure activation)
- Additional EMERGENCY MIC/LINE input with independent features:
  - Selectable phantom power
  - 3 band EQ
  - Activation mode: VOICE / CONTACT
  - Independent output volume level (from the MASTER volume)
- Class D 180 W amplifier, convection cooled (100% silent)

- Remote Volume control port (0 – 10 VDC)
- Remote MUTE control port
- 24 VDC control output, triggered by the PAGER and/or EMERGENCY functions (to activate priority relays)
- Subsonic filter (@ 70 Hz)
- Insertion point in TRS format
- 8Ω , 70 V, 100 V powered output
- LINE level AUX output (allows for an external amplifier connection, like the HSA300 or HZA-F amps, in case that higher power is required)

Main Technical Specifications	POWER (8Ω, 70V & 100V steps)			
		125 WRMS @ 8Ω @ 1% THD		
		145WRMS @ 8Ω @ 10% THD		
	High pass filter 3rd order Butterworth	70 Hz		
	Frequency response (-3dB)	30Hz – 17kHz		
	Remote Control	REMOTE port for remote volume management (WPm series compatible)		
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 285 mm	7 Kg

Accessories

- WPm series wall panel controls
- WPTOUCH touch-sensitive digital wall panel control
- MPAGE1 desktop paging station

WPmVOL   MPAGE1

AMPLIFIERS/

MIXING AMPLIFIERS/

CA200Z

Applications

- Classrooms
- Meeting rooms
- Multimedia presentations (in combination with video projectors, screens, etc.)
- Retail shops
- Museums and exhibitions
- Integrated AV systems with central remote control system (Crestron©, Extron©, AMX©, etc.)

AV Integration Digital Mixing Amplifier

ECLER CA200Z is a compact digital mixing amplifier with 2 x 70 WRMS output zones and 6 audio inputs, together with a full and smart set of remote control options. It is a perfect solution in many applications: an all-in-one audio device in retail shops, multimedia, presentation and education projects that can be perfectly integrated with external control devices, from ECLER and from third-party players.

Key Features

- 4 LINE ST & 2 MIC audio inputs, with independent routing and levels for outputs A and B
- 2 x 70 WRMS @ 4 Ω audio outputs
- STEREO, MONO, BRIDGE or independent ZONES A/B working modes
- 2-level Talkover / Pager priority system
- Additional PAGER input for the connection of the MPAGE4 desktop paging station
- MIC2 and LINE2 inputs doubled on front panel , with jack and mini-jack connectors
- AUX A/B LINE output
- Front panel LCD display
- ON / STANDBY, Signal Present and CLIP LED indicators
- RS-232 interface for external (third-party) remote control. CA-NET protocol compatible

- 2 REMOTE ports included, compatible with WPm series (0-10 VDC): zone A / zone B volume and source / preset selection
- IR receiver (IR remote control included)
- Auto start-up preset recovery function
- LCD display with ON, OFF and DIMMED idle modes
- Auto stand by function

Main Technical Specifications	POWER 1% THD RMS				
	4Ω per output	70 W			
	8Ω per output	38W			
	8Ω Bridged	97 W			
	Frequency response (-3dB)	15Hz – 40kHz			
	Remote Control	IR remote included + 2 REMOTE ports (selection & volume ctrl.) + RS232 (EclerCOMM and CA-NET Protocol compatible)			
	Dimensions / weight	H: 210 mm	L: 230 mm	W: 88 mm	2.34 Kg

Accessories

- WPm series wall panel controls
- MPAGE4 desktop paging station
- MPAGE1 desktop paging station
- 2UHRMKIT optional rack mount kit

WPmVOL

TR2-70 transformer kit

CA SERIES
HUMAN-MACHINE INTEGRATION HAS NEVER BEEN SO EASY

AMPLIFIERS/ COMPACT AMPLIFIERS

4.4

eCA basic (ESSENTIALS) micro-amplifiers and **CA (premium)** micro-amplifiers, the last ones featuring amazing remote control features: serial RS-232 port, IR receiver and 0-10 VDC remote port.

They're an ideal solution in those audiovisual applications which require integration with external control devices: education classrooms, meeting rooms, multimedia presentations, retail shops, etc.

CA40, CA120, CA120HZ and CA200z: new compact digital mixing amplifiers with a full set of remote control and integration options: RS-232 CA-NET interface for third-party control systems, infrared remote control, GPI REMOTE ports, etc.

- 2 x 70 W and 2 x 20 W models
- 100% silent, convection cooled amplifier stage
- RS-232 control interface
- IR control included
- EclerCOMM software application compatible
- Third-party CA-NET protocol for the integration with global control systems (Crestron®, AMX®, Extron®, RTI®, Vity®, etc.)

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COMPARISON CHART

	CA40	CA120	CA120HZ	eCA120	eCA120HZ
	ECLER			ECLER ESSENTIALS	
Inputs	1 MIC + 2 Line ST*	1 MIC/Line ST* + 2 Line ST*	1 MIC/Line ST* + 2 Line ST*	1 Line ST	1 Line ST
Outputs	1 ST (amp). + 1 AUX (line)	1 ST (amp.) + 1 AUX (line)	1 ST (amp.) + 1 AUX (line)	1 ST (amp.)	1 ST (amp.)
70/100V Line (RMS)	-	-	96 W	-	106 W
Stereo (RMS) @ 4Ω	22 W	56 W	-	56 W	-
Stereo (RMS) @ 8Ω	10 W	34 W	-	34 W	-
Bridged (RMS) @ 8Ω	36 W	Not available	-	Not available	-
Remote Control	IR + 1 (0-10VDC) + RS232	80Hz – 20kHz IR + 1 (0-10 VDC)	30Hz – 500Hz	120Hz – 20kHz	96Hz – 20kHz

*Selectable

Applications

- Classrooms
- Meeting rooms
- Multimedia presentations (in combination with video projectors, screens, etc.)
- Retail shops
- Museums and exhibitions
- Video walls, screens, interactive AV marketing and digital signage

Stereo Micro-amplifier

ECLER ESSENTIALS eCA120 is a 2 x 60 W RMS @ 4 Ω stereo micro-amplifier, in a very compact format and a light and silent (fanless) design. It features 1 LINE stereo input, AUTO STANDBY function and volume remote control, compatible with ECLER WPmVOL and WPmVOL-SR wall panels (0-10 VDC). External, universal and CE/UL/CCC certified power supply.

Key Features

- 2 x 60 W RMS @ 4 Ω stereo amplifier
- External, universal power supply
- AUTO STANDBY function: in the absence of an audio signal the unit automatically goes into STANDBY mode, minimizing power consumption
- Light and silent (fanless) design
- 1 unbalanced stereo line input (LINE IN / STACK), with dual RCA connector and 3-pin Euroblock connector
- Local volume control by knob
- Remote volume control by WPm series wall panel (0-10VDC)

Main Technical Specifications	Power	2 x 60 W RMS @ 4 Ω			
	Inputs	1 x stereo, LINE level (double RCA and Euroblock terminals)			
	Outputs	1 x stereo powered output (Euroblock terminals)			
	Dimensions / weight	H: 48 mm	L: 90 mm	W: 190 mm	600 g
	Others	Universal & certified external power supply REMOTE volume control port (0 - 10 VDC) Auto stand by feature			

Accessories

- WPm series wall panel controls

WPmMIX-T

AMPLIFIERS/

COMPACT AMPLIFIERS/

eCA120HZ

Applications

- Classrooms
- Meeting rooms
- Multimedia presentations (in combination with video projectors, screens, etc.)
- Retail shops
- Museums and exhibitions
- Video-walls, screens, interactive AV marketing and digital signage

High Impedance Micro-amplifier

ECLER ESSENTIALS eCA120HZ is a micro-amplifier delivering 1 x 120 W RMS @ 70V / 100 V line level (high impedance), built in a very compact format and a light and silent (fanless) design. It features 1 LINE stereo input, AUTO STANDBY function and volume remote control, compatible with ECLER WPmVOL and WPmVOL-SR wall panels (0-10 VDC). External, universal and CE/UL/CCC certified power supply.

Key Features

- 1 x 120 W RMS @ 70V / 100V line level (high impedance) amplifier
- External, universal power supply
- AUTO STANDBY function: in the absence of an audio signal the unit automatically goes into STANDBY mode, minimizing power consumption
- Light and silent (fanless) design
- 1 unbalanced stereo line input (LINE IN / STACK), with dual RCA connector and 3-pin Euroblock connector
- Local volume control by knob
- Remote volume control by WPm series wall panel (0-10VDC)

Main Technical Specifications	Power	1 x 120 W RMS @ 70/100V (high impedance) mono amplifier			
	Inputs	1 x stereo, LINE level (double RCA and Euroblock terminals)			
	Outputs	1 x mono powered output (Euroblock terminals)			
	Dimensions / weight	H: 48 mm	L: 190 mm	W: 190 mm	2.3 Kg
	Others	Universal & certified external power supply REMOTE volume control port (0 - 10 VDC) Auto stand by feature			

Accessories

- WPm series wall panel controls

WPmVOL

Applications

- Classrooms
- Meeting rooms
- Multimedia presentations (in combination with video projectors, screens, etc.)
- Retail shops
- Museums and exhibitions
- Integrated AV systems with central remote control system (Crestron©, Extron©, AMX©, etc.)

AV Integration Micro-amplifier

ECLER CA40 is a 2 x 20 WRMS @ 4Ω stereo amplifier with a tiny size but amazing remote control features: serial RS-232 port, IR receiver and 0-10 VDC remote port.

Key Features

- 2 x 20 WRMS @ 4Ω amplifier with STEREO, PARALLEL and BRIDGE output modes
- 1 balanced MIC input, with Phantom power and high-class preamp, including noise gate and talkover function over the rest of inputs
- 2 unbalanced LINE inputs
- 2-band tone control (Bass, Treble) independent, for the MIC and LINE busses
- AUX output for external link to other devices or amplifiers
- Digital local control, encoder type
- Infrared remote control included
- Remote control compatible with WPmVOL and WPmVOL-SR wall panels (0-10 VDC)
- RS-232 control port compatible with EclerCOMM software and CA-NET protocol
- MUTE port for external muting of the unit when an evacuation system must be activated
- Presets / sources management via RS-232 or 0-10 VDC remote control port
- AUTO STANDBY function
- Light and silent (fanless) design

CA40 configuration switches

Main Technical Specifications	POWER 1% THD RMS	
	4Ω Stereo	22 WRMS
	8Ω Stereo	10 WRMS
	8Ω Bridged	36 WRMS
	Remote Control	IR remote included + 1 REMOTE ports (selection & volume ctrl.) + RS232 (EclerCOMM and CA-NET Protocol compatible)
	Power Supply, 24 VDC	External PSU, universal and certified
	Dimensions / weight	H: 155 mm / L: 155 mm / W: 45 mm / 0.65 Kg

Accessories

- WPm series wall panel controls
- MPAGE1 desktop paging station

WPmMIX-T

MPAGE1

AMPLIFIERS/

COMPACT AMPLIFIERS/

CA120

Applications

- Classrooms
- Meeting rooms
- Multimedia presentations (in combination with video projectors, screens, etc.)
- Retail shops
- Museums and exhibitions
- Integrated AV systems with central remote control system (Crestron©, Extron©, AMX©, etc.)

AV Integration Micro-amplifier

ECLER CA120 is a 2 x 60 WRMS @ 4Ω stereo amplifier with a tiny size but amazing remote control features: serial RS-232 port, IR receiver and 0-10 VDC remote port. It's an ideal solution in those audiovisual applications which require integration with external control devices: education classrooms, meeting rooms, multimedia presentations, retail shops, etc.

Key Features

- 2 x 60 WRMS @ 4Ω stereo amplifier
- 1 balanced MIC/LINE input, with Phantom power and high-class preamp, including noise gate and talkover function over the rest of inputs
- 2 unbalanced LINE inputs
- 2-band tone control (Bass, Treble) independent, for the MIC/LINE and LINE busses
- AUX output for external link to other devices or amplifiers
- Digital local control, encoder type
- Infrared remote control included
- Remote control compatible with WPmVOL and WPmVOL-SR wall panels (0-10 VDC)
- RS-232 control port compatible with EclerCOMM software and CA-NET protocol
- MUTE port for external muting of the unit when an evacuation system must be activated
- Presets / sources management via RS-232 or 0-10 VDC remote control port
- AUTO STANDBY function
- Light and silent (fanless) design

Main Technical Specifications	POWER 1% THD RMS				
	4Ω Stereo	56 WRMS			
	8Ω Stereo	34 WRMS			
	8Ω Bridged	Not available			
	Remote Control	IR remote included + 1 REMOTE ports (selection & volume ctrl.) + RS232 (EclerCOMM and CA-NET Protocol compatible)			
	Power Supply, 24 VDC	External PSU, universal and certified			
	Dimensions / weight	H: 160 mm	L: 210 mm	W: 48 mm	0.95 Kg

Accessories

- WPm series wall panel controls
- MPAGE1 desktop paging station

WPmMIX-T

MPAGE1

AMPLIFIERS/

COMPACT AMPLIFIERS/

CA120HZ

Applications

- Classrooms
- Meeting rooms
- Multimedia presentations (in combination with video projectors, screens, etc.)
- Retail shops
- Museums and exhibitions
- Integrated AV systems with central remote control system (Crestron©, Extron©, AMX©, etc.)

AV Integration Micro-amplifier

ECLER CA120HZ is the high impedance version of the CA120, delivering 120W @ 70/100V line level, a technology which is especially suitable for long loudspeaker wire runs and/or an amount of loudspeaker units far beyond the 2 or 4 units typically connected to a low impedance amplifier. Under its tiny size, it features an amazing set of remote control features: serial RS-232 port, IR receiver and 0-10 VDC remote port.

It`s an ideal solution in those audiovisual applications which require integration with external control devices: education classrooms, meeting rooms, multimedia presentations, retail shops, etc.

Key Features

- 1 x 120 WRMS @ 70 / 100V amplifier
- 1 balanced MIC/LINE input, with Phantom power and high-class preamp, including noise gate and talkover function over the rest of inputs
- 2 unbalanced LINE inputs
- 2-band tone control (Bass, Treble) independent, for the MIC/LINE and LINE busses
- 1 x 120 WRMS @ 70 / 100V amplifier
- AUX output for external link to other devices or amplifiers
- Digital local control, encoder type
- Infrared remote control included
- Remote control compatible with WPmVOL and WPmVOL-SR wall panels (0-10 VDC)
- RS-232 control port compatible with EclerCOMM software and CA-NET protocol
- MUTE port for external muting of the unit when an evacuation system must be activated
- Presets / sources management via RS-232 or 0-10 VDC remote control port
- AUTO STANDBY function
- Light and silent (fanless) design

Main Technical Specifications	POWER (70/100V OUTPUT) 1% THD				
	MONO (RMS)	96 WRMS @100Ω			
	Remote Control	IR remote included + 1 REMOTE ports (selection & volume ctrl.) + RS232 (EclerCOMM and CA-NET Protocol compatible)			
	Power Supply, 24 VDC	External PSU, universal and certified			
	Dimensions / weight	H: 160 mm	L: 325 mm	W: 48 mm	2.92 Kg

Accessories

- WPm series wall panel controls
- MPAGE1 desktop paging station

WPmMIX-T

MPAGE1

LOUDSPEAKERS/

5

The last item in the audio chain, and the one that should deliver as much sound quality and intelligibility as possible, especially when the previous chain links have been carefully selected and managed.

Ecler loudspeakers do exist in many shapes, many sizes, powers and application profiles.

5.1

Loudspeakers recessed in ceilings are a popular solution where aesthetics and audio coverage must be equally considered.
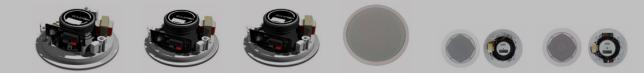
Our offer comprises from very budget-minded models to high-end ones, supporting low and / or high impedance amplification.

LOUDSPEAKERS/ CEILING LOUDSPEAKERS

LOUDSPEAKERS/
CEILING LOUDSPEAKERS/

elC series

ECLER ESSENTIALS eIC series are cost-effective in-ceiling installation loudspeakers with great sound quality.

		IC5	IC6	IC8	ICSB10	eIC51	eIC52
			ECLER			ECLER ESSENTIALS	
	RMS Power	25 W	40 W	60 W	100 W	10 W	20 W
	Prog. Power	50 W	80 W	120 W	200 W	20 W	40 W
	Woofer/tweeter	5"/0.5"	6"/1"	8"/1"	10"/-	5.25"/-	5.25"/0.75"
	Lo Z	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω
	Selec. Hi Z	1.5/3/6/12 W	2.5/5/7.5/15 W	5/7.5/15/30 W	7.5/15/30/60 W	3/6 W	3/6 W
	SPL 1W/1m	86 dB	88 dB	89 dB	90 dB	88 dB	86 dB
	Freq. Response	90Hz – 20kHz	80Hz – 20kHz	60Hz – 20kHz	30Hz – 500Hz	120Hz – 20kHz	96Hz – 20kHz
	Colour	White	White	White	White	White	White

LOUDSPEAKERS/
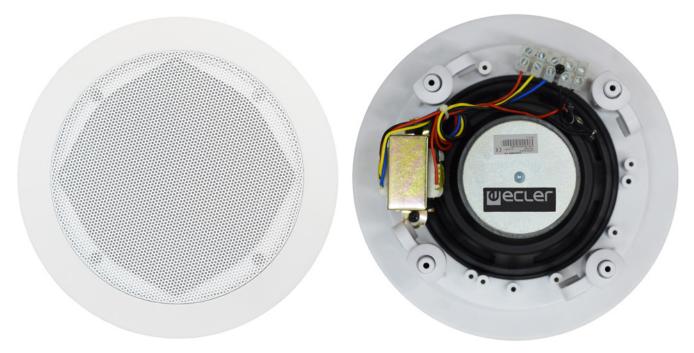
CEILING LOUDSPEAKERS/

eIC51

Applications

- Corporate and residential buildings
- Commercial premises
- Leisure centres
- Health and sports centres
- Meeting and conference rooms
- Auditoriums, museums

In-ceiling / In-wall Loudspeaker

ECLER ESSENTIALS eIC51 is a cost-effective in-ceiling installation loudspeaker with a great sound performance. It features a 5,25″ woofer, 10 WRMS @ 8 Ω nominal power and 100V line transformer with 3 and 6 W power selections.

Key Features

- One-way ABS speaker, 10 WRMS
- 5,25″ woofer
- Built-in audio transformer for 70/100 V use
- Clip-type input terminals and low impedance / high impedance power tap selector

Main Technical Specifications		
Nominal low impedance	8Ω
RMS power	10 W
Nominal high impedance	70/100V Line
Power selector @ 100V	3, 6 W
Frequency response (-6 dB)	120Hz – 20kHz
Sensitivity 1W/1m	88 dB
External diameter	202 mm
Internal diameter	164 mm
Required depth	60 mm
Weight	0.9 kg

Accessories

- N/A

Applications

- Corporate and residential buildings
- Commercial premises
- Leisure centres
- Health and sports centres
- Meeting and conference rooms
- Auditoriums, museums

In-ceiling / In-wall Loudspeaker

ECLER ESSENTIALS eIC52 is a 2-way cost-effective in-ceiling loudspeaker with a great sound performance. It features a 5,25" woofer and a 0,75" tweeter, 20 WRMS @ 8 Ω nominal power and 100V line transformer with 3 and 6 W power selections.

Key Features

- Two-way ABS speaker, 20 WRMS
- 5,25" woofer + 0,75" tweeter
- Built-in audio transformer for 70/100 V use
- Clip-type input terminals and low impedance / high impedance power tap selector

Main Technical Specifications		
Nominal low impedance	8Ω
RMS power	20 W
Nominal high impedance	70/100V Line
Power selector @ 100V	3, 6 W
Frequency response (-6 dB)	96Hz – 20kHz
Sensitivity 1W/1m	86 dB
External diameter	202 mm
Internal diameter	164 mm
Required depth	65 mm
Weight	1.0 kg

Accessories

- N/A

RUST
PROOF

ALUMINIUMGRILL

LOUDSPEAKERS/
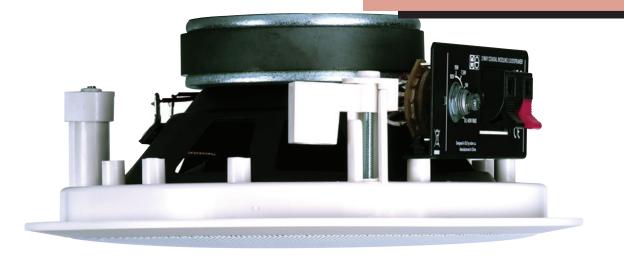
CEILING LOUDSPEAKERS/

IC SERIES

IC series is our classical, high-quality range of in-ceiling loudspeakers.

Polypropylene woofer that resists heat and humidity, paintable and rust-proof aluminium grill and a top-performance high frequency transducer make them really unbeatable.

LOUDSPEAKERS/

## CEILING LOUDSPEAKERS/

IC5

Applications

- Corporate and residential buildings
- Commercial premises
- Leisure centres
- Sound reinforcement in clubs, bars, etc.
- Health and sports centres
- Meeting and conference rooms
- 5.1 and 7.1 surround systems
- Auditoriums, museums

In-ceiling / In-wall Loudspeaker

ECLER IC5 2-way loudspeaker is the perfect option for 70/100 V and low impedance sound solutions. It mounts a 5" woofer and a 0,5" tweeter in a discreet design.

IC series provide excellent sound quality thanks to their infinite baffle philosophy and a top-performance high frequency transducer.

Key Features

- Two-way ABS speaker, 25 WRMS
- 5" woofer / 0,5" tweeter
- Built-in audio transformer for 70/100 V use
- Polypropylene woofer that resists heat and humidity
- Front grill may be removed for painting
- Aluminium front grill, rust-proof
- Clip-type input terminals and low impedance / high impedance power tap selector
- Cutting and painting templates included
- Support system with 3 rotating tabs

Main Technical Specifications		
Nominal low impedance	8Ω	
RMS power	25 W	
Nominal high impedance	70/100V Line	
Power selector @ 100V	1.5, 3, 6, 12 W	
Frequency response (-6 dB)	80Hz – 20kHz	
Sensitivity 1W/1m	88 dB	
External diameter	191 mm	
Internal diameter	166 mm	
Required depth	70 mm	
Weight	1.2 Kg	

Accessories

- N/A

LOUDSPEAKERS/
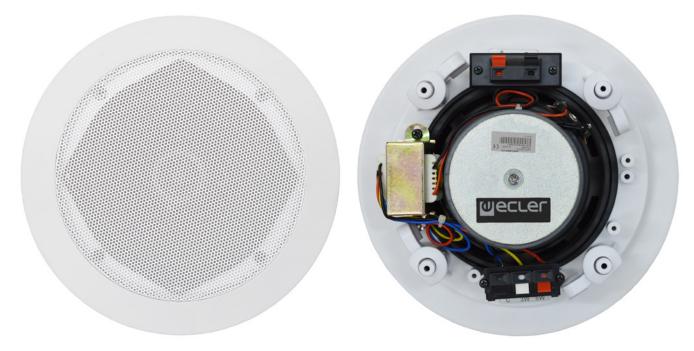
CEILING LOUDSPEAKERS/

IC6

Applications

- ■ Corporate and residential buildings
- ■ Commercial premises
- ■ Leisure centres
- ■ Sound reinforcement in clubs, bars, etc.
- ■ Health and sports centres
- ■ Meeting and conference rooms
- ■ 5.1 and 7.1 surround systems
- ■ Auditoriums, museums

In-ceiling / In-wall Loudspeaker

ECLER IC6 2-way loudspeaker is the perfect option for 70/100 V and low impedance sound solutions. It mounts a 6″ woofer and a 1″ tweeter in a discreet design.
IC series provide excellent sound quality thanks to their infinite baffle philosophy and a top-performance high frequency transducer.

Key Features

- ■ Two-way ABS speaker, 40 WRMS
- ■ 6″ woofer / 1″ tweeter
- ■ Built-in audio transformer for 70/100 V use
- ■ Polypropylene woofer that resists heat and humidity
- ■ Front grill may be removed for painting
- ■ Aluminium front grill, rust-proof
- ■ Clip-type input terminals and low impedance / high impedance power tap selector
- ■ Cutting and painting templates included
- ■ Support system with 3 rotating tabs

Main Technical Specifications		
Nominal low impedance	8Ω	
RMS power	40 W	
Nominal high impedance	70/100V Line	
Power selector @ 100V	2.5, 5, 7.5, 15 W	
Frequency response (-6 dB)	70Hz – 20kHz	
Sensitivity 1W/1m	90 dB	
External diameter	204 mm	
Internal diameter	178 mm	
Required depth	73 mm	
Weight	1.52 Kg	

Accessories

- ■ N/A

ALUMINIUMGRILL

RUST PROOF

LOUDSPEAKERS/

CEILING LOUDSPEAKERS/

IC8

Applications

- ■ Corporate and residential buildings
- ■ Commercial premises
- ■ Leisure centres
- ■ Sound reinforcement in clubs, bars, etc.
- ■ Health and sports centres
- ■ Meeting and conference rooms
- ■ 5.1 and 7.1 surround systems
- ■ Auditoriums, museums

In-ceiling / In-wall Loudspeaker

ECLER IC8 2-way loudspeaker is the perfect option for 70/100 V and low impedance sound solutions. It mounts an 8" woofer and a 1" tweeter in a discreet design.

IC series provide excellent sound quality thanks to their infinite baffle philosophy and a top-performance high frequency transducer.

Key Features

- ■ Two-way ABS speaker, 60 WRMS
- ■ 8" woofer / 1" tweeter
- ■ Built-in audio transformer for 70/100 V use
- ■ Polypropylene woofer that resists heat and humidity
- ■ Front grill may be removed for painting
- ■ Aluminium front grill, rust-proof
- ■ Clip-type input terminals and low impedance / high impedance power tap selector
- ■ Cutting and painting templates included
- ■ Support system with 3 rotating tabs

Main Technical Specifications		
Nominal low impedance	8Ω
RMS power	60 W
Nominal high impedance	70/100V Line
Power selector @ 100V	5, 7.5, 15, 30 W
Frequency response (-6 dB)	55Hz – 20kHz
Sensitivity 1W/1m	91 dB
External diameter	245 mm
Internal diameter	245 mm
Required depth	91 mm
Weight	2.3 Kg

Accessories

- ■ N/A

LOUDSPEAKERS/

CEILING LOUDSPEAKERS/

ICSB10

Applications

- Corporate and residential buildings
- Commercial premises
- Leisure centres
- Sound reinforcement in clubs, bars, etc.
- Health and sports centres
- Meeting and conference rooms
- 5.1 and 7.1 surround systems
- Auditoriums, museums

In-ceiling / In-wall Loudspeaker

ECLER ICSB10 sub-woofer reinforcement loudspeaker is the perfect option for 70/100 V and low impedance sound solutions. It mounts a 10″ providing 100 WRMS power in a discreet design.

IC series provide excellent sound quality thanks to their infinite baffle philosophy and a top-performance high frequency transducer.
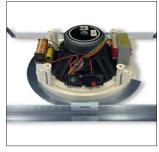
Key Features

- One-way ABS 10″ sub-woofer loudspeaker, 100 WRMS
- Built-in audio transformer for 70/100 V use
- Polypropylene woofer that resists heat and humidity
- Front grill may be removed for painting
- Aluminium front grill, rust-proof
- Clip-type input terminals and low impedance / high impedance power tap selector
- Cutting and painting templates included
- Support system with 3 rotating tabs
- Included metallic accessories to reinforce installations in standard dropped ceilings

Main Technical Specifications		
Nominal low impedance	8Ω	
RMS power	100 W	
Nominal high impedance	70/100V Line	
Power selector @ 100V	7.5, 15, 30, 60 W	
LPF crossover cutoff frequency	150 Hz	
Sensitivity 1W/1m (filter off)	93 dB	
External diameter	335mm	
Internal diameter	305 mm	
Required depth	126 mm	
Weight	3.4 Kg	

Accessories

- N/A

LOUDSPEAKERS/

CEILING LOUDSPEAKERS/

HIGH-END CEILING LOUDSPEAKERS

IC6CLASS-TR and **IC8PLUS models**, both integrating a very careful and efficient selection of components, together with a mechanical design that provide a high quality sound ("Hi-Fidelity"profile) and a very fast installation process, just using a basic set of tools.

LOUDSPEAKERS/

CEILING LOUDSPEAKERS/

IC6CLASS-TR

Applications

- Corporate and residential buildings
- Commercial premises, retail shops
- Leisure centres
- Sound reinforcement in clubs, bars, etc.
- Health and sports centres
- Meeting and conference rooms
- 5.1 and 7.1 surround systems
- Auditoriums, museums

In-ceiling / In-wall High-end Loudspeaker

ECLER IC6CLASS-TR 2-way loudspeaker integrates a very careful and efficient selection of components (6" woofer + 1" tweeter), together with a mechanical design that provide a high quality audio ("Hi-Fidelity" profile sound) and a very fast installation process, just using a basic set of tools.

Key Features

- 2-way loudspeaker, 75 WRMS
- 16 Ω impedance, allowing for multiple units connected in parallel to a standard audio amplifier
- High impedance built-in transformer, allowing for multiple units connected in parallel to a 70V / 100V line audio amplifier (5 different power tappings available)
- 16 Ω or high impedance power selection accessible from the front panel, once the loudspeaker is already installed in the ceiling
- 6,5" Kevlar® woofer
- 1" Silk dome (ACCW) tweeter
- Aluminium front grill
- Fast installation procedure using a basic set of tools

Main Technical Specifications		
	Nominal low impedance	16Ω
	RMS power	75 W
	Power selector (70V)	1.5, 3.7, 7.5, 10, 15 W
	Power selector (100V)	3, 7.5, 15, 20, 30 W
	Sensitivity 1W/1m	86 dB
	Frequency response (-6 dB)	45Hz – 22kHz
	External diameter	270 mm
	Internal diameter	224 mm
	Required depth (with back can)	95 mm
	Weight	2.5 Kg

Accessories

- N/A

RUST PROOF
ALUMINIUMGRILL

LOUDSPEAKERS/

CEILING LOUDSPEAKERS/

IC8PLUS

Applications

- Corporate and residential buildings
- Commercial premises
- Leisure centres
- Sound reinforcement in clubs, bars, etc.
- Health and sports centres
- Meeting and conference rooms
- 5.1 and 7.1 surround systems
- Auditoriums, museums

In-ceiling / In-wall High-end Loudspeaker

ECLER IC8PLUS 2-way loudspeaker integrates a careful selection of components (8" woofer + 1" tweeter) in a design that provides high quality sound and fast installation, using a minimum of tools.
For maximum flexibility and adaptability to multiple installation profiles, the IC8PLUS admits the optional 70/100V line transformer.

INSERT & ROTATE 5°
ROTATE TO FIX
PULL TO RELEASE
INSERT & ROTATE 5°

Key Features

- High quality in-ceiling 2-way speaker, 100 WRMS
- 8" Kevlar® woofer
- 1" Silk dome (ACCW) tweeter, ± 15º tiltable
- NBR suspension
- Light construction in 4 mechanical bodies
- Fast installation system in 3 steps (frame-speaker-grill) using a minimum of tools and integrating an automatic safety pin
- Aluminium front grill
- Optional 70/100 V line transformer

Main Technical Specifications	Nominal low impedance	8Ω
	RMS power	100 W
	Sensitivity 1W/1m	86 dB
	Frequency response (-6 dB)	50Hz – 22kHz
	External diameter	310 mm
	Internal diameter	264,5 mm
	Required depth (with back can)	120 mm
	Weight	2 Kg

Accessories

- IC8PLUSTR

IC8PLUSTR: optional
70/100V line transformers

5.2

Aimed for those locations where the loudspeaker is mounted on a surface, usually a wall.

Standard in the concept, but including enclosures and mounting hardware with a smart design, personality and distinctive features.

LOUDSPEAKERS/
CABINET
LOUDSPEAKERS

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

eAMBIT SERIES

ESSENTIALS

ESSENTIALS range of installation loudspeakers in ABS cabinet, neutral and discreet. Straight lines, easy to integrate in most of environments.

Suitable for BGM and voice messages in standard retail, corporate and hospitality applications, among others.

Applications

- Shopping centres
- Retail shops
- PA distributed sound systems
- Clubs, Cafes, Bars foreground/ background reinforcement
- Health and sports centres
- Meeting and conference rooms

Surface Mount Loudspeaker

ECLER ESSENTIALS eAMBIT103 is an ultra compact 2-way coaxial loudspeaker cabinet with neutral an discreet design. It mounts a 3.5" woofer and 0.5" tweeter. It is especially suitable for background music reinforcement in retail shops, restaurants, cafés, corporate premises and education rooms.

Key Features

- ABS 2-way, 25 WRMS architectural loudspeaker
- 3,5" woofer / 0,5" tweeter
- Built−in audio transformer for 100V applications
- 8 Ω and 70/100V operation selector
- Includes on-wall hardware, safety sling, screws and wrench for fast installation
- Available in black and white colours
- Spring loaded input terminals
- IP54 rated
- Anti UV cabinet avoids colour degradation in case of direct sunlight exposition

Main Technical Specifications	Nominal low impedance	8Ω			
	RMS power	25W			
	Nominal high impedance	70/100V Line			
	Power selector @ 100V	2.5, 5, 7.5, 15 W			
	Sensitivity 1W/1m	87 dB			
	Frequency response (-3 dB)	150Hz − 20kHz			
	Dimensions (without accessories) / weight	H: 120 mm	L: 120 mm	W: 117 mm	1.275 Kg

Accessories

- MP103AMB2, MP103AMB4 for 2 or 4 units cluster configuration

MP103AMB2

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

eAMBIT106
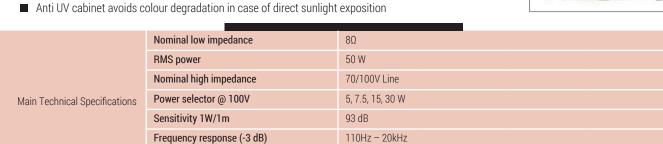
Applications

■ Shopping centres
■ Retail shops
■ PA distributed sound systems
■ Clubs, Cafes, Bars foreground/ background reinforcement
■ Health and sports centres
■ Meeting and conference rooms

Surface Mount Loudspeaker

ECLER ESSENTIALS eAMBIT106 is an ultra compact 2-way coaxial loudspeaker cabinet with neutral an discreet design. It mounts a 6.5" woofer and 1" tweeter. It is especially suitable for background music reinforcement in retail shops, restaurants, cafés, corporate premises and education rooms.

Key Features

■ ABS 2-way, 50 WRMS architectural loudspeaker
■ 6,5" woofer / 1" tweeter
■ Built–in audio transformer for 100V applications
■ 8 Ω and 70/100V operation selector
■ Includes on-wall hardware, safety sling, screws and wrench for fast installation
■ Available in black and white colours
■ Spring loaded input terminals
■ IP54 rated
■ Anti UV cabinet avoids colour degradation in case of direct sunlight exposition

Main Technical Specifications					
	Nominal low impedance	8Ω			
	RMS power	50 W			
	Nominal high impedance	70/100V Line			
	Power selector @ 100V	5, 7.5, 15, 30 W			
	Sensitivity 1W/1m	93 dB			
	Frequency response (-3 dB)	110Hz – 20kHz			
	Dimensions (without accessories) / weight	H: 210 mm	L: 210 mm	W: 160 mm	2.75 Kg

Accessories

■ MP106AMB2/WH, MP106AMB3/WH, MP106AMB4/WH: for 2,3 or 4 units cluster configuration
■ SR6/WH: on wall bracket for MP106AMB2 cluster

SR6 on wall bracket   MP106AMB3/WH

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

eCURVE SERIES

ESSENTIALS series that offer a perfect balance in terms of affordability, performance and cosmetic design.

16 ohms impedance, allowing for multiple units connection in parallel to standard low impedance amplifiers.

Curves have never been so sexy!

LOUDSPEAKERS/

## CABINET LOUDSPEAKERS/

eCURVE104

Applications

- Shopping centres
- Retail shops
- PA distributed sound systems
- Clubs, Cafes, Bars foreground/ background reinforcement
- Health and sports centres
- Meeting and conference rooms

Surface Mount Loudspeaker

ECLER ESSENTIALS eCURVE104 is a wall mount installation loudspeaker with a curved stylish design. It features a 4" woofer and a 0,75" tweeter, 40 WRMS maximum power and 16 Ω impedance, allowing for multiple units connection in parallel to standard low impedance amplifiers. Black or White finish available.

Key Features

- ABS 2-way, 40 WRMS architectural loudspeaker
- 4" woofer / 0,75" tweeter
- 16 Ω impedance
- Includes on-wall hardware
- Available in black and white colours
- Spring loaded input terminals

Main Technical Specifications	Nominal low impedance	16Ω			
	RMS power	40 W			
	Frequency response (-3 dB)	80Hz – 20kHz			
	Dimensions (without accessories) / weight	H: 207 mm	L: 143 mm	W: 179 mm	1,45 Kg

Accessories

- N/A

audeoseries

The AUDEO series is fruit of the collaboration of Ecler with Giugiaro Design, firm awarded as Car Designer of the Century.
Its innovative design, together with its high quality audio, make this series the ideal solution in a variety of arquitectural projects.

GIUGIARO
DESIGN

www.ecler.com

ecler
Sound experience Barcelona 1965

Designed by Giugiaro, a series with remarkable personality and performance.

AUDEO will make the difference when the challenge is offering architects and interior designers an alternative, a loudspeaker that looks really different, as well as having the best sound in their class.

COMPARISON CHART

		AUDEO103	AUDEO106	AUDEO108	AUDEO106P	AUDEOSB10	AUDEOSB10P
		PASSIVE LOUDSPEAKERS			SELF-POWERED LOUDSPEAKERS		
	RMS Power	25 W	50 W	100 W	2x20 W	150 W	150 W
	Prog. Power	50 W	100 W	200 W	2x40 W	300 W	300 W
	Woofer/tweeter	3,5"/0,5"	6"/1"	8"/1"	6"/1"	10"/-	10"/-
	Lo Z	8 Ω	8 Ω	8 Ω	-	8 Ω	-
	Selec. Hi Z	2.5/5/7.5/15 W	5/7.5/15/30 W	7.5/15/30/60 W	-	-	-
	SPL 1W/1m	90 dB	92.5 dB	94.5 dB	-	112 dB	112 dB
	Freq. Response	110 Hz - 20 kHz	90 Hz - 20 kHz	65 Hz - 22 kHz	90 Hz – 20 kHz	40 Hz – 120 Hz	40 Hz – 120 Hz
	Colour	Black & White	Black & White	Black & White	Black & White	Black	Black

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

AUDEO103

Applications

- Corporate and residential buildings
- Commercial premises
- Leisure centres
- Sound reinforcement in clubs, bars, etc.
- Health and sports centres
- Meeting and conference rooms
- Auditoriums, museums

Surface Mount Loudspeaker

ECLER AUDEO103 is a 2-way, 25 WRMS loudspeaker cabinet. It features a 3.5" woofer and 0.5" tweeter.
AUDEO series has a balanced, innovative design, resulting from the collaboration between ECLER and the prestigious group Giugiaro Design. It satisfies today's demands with respect to aesthetics, design and integration into all types of architectural environments which, together with its excellent sound quality, make this series the ideal solution for use in numerous sound projects.

Key Features

- Full range, 2-way loudspeaker, 25 WRMS
- 3,5" woofer / 0,5" tweeter
- Made of reinforced ABS
- Available in black or white
- 8 Ω and 70/100 V line operating switch
- Accessories for wall-mounting included
- IP54 class outdoor rating
- Protective front grill with anti-rust treatment
- EASE Win file available

Main Technical Specifications	Nominal low impedance	8Ω			
	RMS power	25 W			
	Nominal high impedance	70/100V Line			
	Power selector @ 100V	2.5, 5, 7.5, 15 W			
	Sensitivity 1W/1m	90 dB			
	Frequency response (-3 dB)	110Hz – 20kHz			
	Dimensions (without accessories) / weight	H: 132 mm	L: 134 mm	W: 110 mm	1.45 Kg

Accessories

- DSTANDAUDEO: desktop stand for the AUDEO103 and AUDEO106 models
- MSTANDAUDEO: microphone stand adapter for the AUDEO series speakers

MSTANDAUDEO   DSTANDAUDEO

LOUDSPEAKERS/

CABINET
LOUDSPEAKERS/

AUDEO106

Applications

- Corporate and residential buildings
- Commercial premises
- Leisure centres
- Sound reinforcement in clubs, bars, etc.
- Health and sports centres
- Meeting and conference rooms
- Auditoriums, museums

Surface Mount Loudspeaker

ECLER AUDEO106 is a 2-way, 50 WRMS loudspeaker cabinet. It features a 6.5" woofer and 1" tweeter.
AUDEO series has a balanced, innovative design, resulting from the collaboration between ECLER and the prestigious group Giugiaro Design. It satisfies today's demands with respect to aesthetics, design and integration into all types of architectural environments which, together with its excellent sound quality, make this series the ideal solution for use in numerous sound projects.

Key Features

- Full range, 2-way loudspeaker, 50 WRMS
- 6,5" woofer / 1" tweeter
- Made of reinforced ABS
- Available in black or white
- 8 Ω and 70/100 V line operating switch
- Accessories for wall-mounting included
- IP54 class outdoor rating
- Protective front grill with anti-rust treatment
- EASE Win file available

Main Technical Specifications				
Nominal low impedance	8Ω			
RMS power	50 W			
Nominal high impedance	100V Line			
Power selector @ 100V	5, 7.5, 15, 30 W			
Sensitivity 1W/1m	92.5 dB			
Frequency response (-3 dB)	90Hz – 20kHz			
Dimensions (without accessories) / weight	H: 242 mm	L: 242 mm	W: 163 mm	2.3 Kg

Accessories

- DSTANDAUDEO desktop stand for the AUDEO103 and AUDEO106 models
- MSTANDAUDEO microphone stand adapter for the AUDEO series speakers

MSTANDAUDEO   DSTANDAUDEO

Applications

- Corporate and residential buildings
- Commercial premises
- Leisure centres
- Sound reinforcement in clubs, bars, etc.
- Health and sports centres
- Meeting and conference rooms
- Auditoriums, museums

Surface Mount Loudspeaker

ECLER AUDEO108 is a 2-way, 100 WRMS loudspeaker cabinet. It features a 8" woofer and 1" tweeter.
AUDEO series has a balanced, innovative design, resulting from the collaboration between ECLER and the prestigious group Giugiaro Design. It satisfies today's demands with respect to aesthetics, design and integration into all types of architectural environments which, together with its excellent sound quality, make this series the ideal solution for use in numerous sound projects.

Key Features

- Full range, 2-way loudspeaker, 100 WRMS
- 8" woofer / 1" tweeter
- Made of reinforced ABS
- Available in black or white
- 8 Ω and 70/100 V line operating switch
- Accessories for wall-mounting included
- IP54 class outdoor rating
- Protective front grill with anti-rust treatment
- EASE Win file available

Main Technical Specifications	Nominal low impedance	8Ω			
	RMS power	100 W			
	Nominal high impedance	100V Line			
	Power selector @ 100V	7.5, 15, 30, 60W			
	Sensitivity 1W/1m	94.5 dB			
	Frequency response (-3 dB)	65Hz – 20kHz			
	Dimensions (without accessories) / weight	H: 300 mm	L: 310 mm	W: 223 mm	3.75 Kg

Accessories

- MSTANDAUDEO microphone stand adapter for the AUDEO series speakers

MSTANDAUDEO

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

AUDEO106P

Applications

- Education classrooms
- Multimedia, corporate and conference meeting rooms
- Retail stores
- Leisure centres
- Health and sport centres
- Museums
- Residential buildings

Self-powered loudspeaker cabinet

ECLER AUDEO106P self-powered stereo kit is the embodiment of the successful and highly reputed AUDEO series in a user-friendly and cost-effective formula that can become the perfect solution in a massive number of multimedia applications. A professional and compact loudspeaker stereo kit with a fantastic performance and a unique design that will easily fit in education classrooms, corporate meeting rooms, retail stores, etc.

Key Features

- Self-powered + passive loudspeaker couple kit
- Full-range, 2-way (6" + 1") loudspeakers
- Stereo balanced input with Euroblock connectors (MASTER unit)
- Stereo unbalanced input with RCA connectors (MASTER unit)
- Euroblock SLAVE unit connector
- Integrated 2 x 20 W RMS amplifier (MASTER unit)
- Integrated and universal power supply (MASTER unit)
- Auto stand-by function (energy saving is assured, no need for a daily ON / OFF switching)
- 2 band tone control & volume control knobs easily identified and gestured
- Anti-Clip integrated system
- ON / STD. BY, Signal Present and CLIP LED indicators
- Reinforced ABS construction
- Available in black or white
- Included wall bracket and security steel cable
- Compatible with the AUDEO series desktop and microphone stand mounting accessories

Main Technical Specifications	Power	2x18 WRMS @4Ω 1% THD			
	Inputs	Stereo balanced, Euroblock / Stereo unbalanced, RCA			
	Frequency response (-3 dB)	40Hz – 20kHz			
	Tone controls	Bass (100 Hz, ±10 dB), Treble (10 kHz, ±10 dB)			
	Dimensions / weight	H: 242 mm	L: 242 mm	W: 163 mm	2.5 Kg (active cabinet) / 1.7 Kg (passive cabinet)

Accessories

- DSTANDAUDEO desktop stand
- MSTANDAUDEO standard microphone stand adapter
- AUDEO series sub-woofer reinforcement units

MSTANDAUDEO   DSTANDAUDEO

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

AUDEOSB110

Applications

- Corporate and residential buildings
- Commercial premises
- Leisure centres
- Sound reinforcement in clubs, bars, etc.
- Health and sports centres
- Meeting and conference rooms
- Auditoriums, museums

Passive Sub-woofer Cabinet

ECLER AUDEO SB110 is a passive sub-woofer reinforcement unit for the AUDEO series loudspeakers, featuring a single 10" woofer and a compact wooden cabinet.

Key Features

- 10" driver
- 150 WRMS @ 8 Ω maximum power
- Euroblock / clip double INPUT / STACK terminals
- Internal LPF with 2 frequency settings

Main Technical Specifications					
	Nominal low impedance	8Ω			
	Power output (RMS)	150 W			
	Maximum SPL (dB@1m)	112 dB			
	Dimensions / weight	H: 310 mm	L: 500 mm	W: 425 mm	12.7 Kg

Accessories

- N/A

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

AUDEOSB110P

Applications

- ◼ Corporate and residential buildings
- ◼ Commercial premises
- ◼ Leisure centres
- ◼ Sound reinforcement in clubs, bars, etc.
- ◼ Health and sports centres
- ◼ Meeting and conference rooms
- ◼ Auditoriums, museums

Self-powered Sub-woofer Cabinet

ECLER AUDEO SB110P is the self-powered sub-woofer reinforcement unit of the AUDEO series. With a discreet design that enables its use in any environment, this 10", 150 W RMS model, is the ideal partner for the AUDEOs in those music applications where extended low-end response is required.

Key Features

- ◼ 10" driver
- ◼ 150 W RMS integrated amplifier
- ◼ RCA inputs with mono conversion
- ◼ RCA stack outputs (link to other SB110P units, AUDEO speakers, etc.)
- ◼ PHASE and volume controls
- ◼ Internal 150Hz/18dB oct. LPF

Main Technical Specifications	Power output (RMS)	150 W			
	Maximum SPL (dB@1m)	112 dB			
	Dimensions / weight	H: 310 mm	L: 505 mm	W: 420 mm	16.75 Kg

Accessories

- ◼ N/A

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

VERSO SERIES

Portable loudspeakers in ABS with an excellent sound profile and Giugiaro design.

Ready to use in mobile applications, events and even fixed installations with a touch of personality and excellent sound quality.

COMPARISON CHART		VERSO8	VERSO10	VERSO12	VERSO8P	VERSO10P	VERSO12P	VERSOSB115
		PASSIVE LOUDSPEAKERS			SELF-POWERED LOUDSPEAKERS			
	RMS Power	150 W	250 W	350 W	200 W	300 W	450 W	500 W
	Prog. Power	300 W	500 W	700 W	400 W	600 W	900 W	1000 W
	Woofer/Driver	8"/1"	10"/1.3"	12"/1.75"	8"/1"	10"/1.3"	12"/1.75"	15"/-
	Lo Z	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω
	Max. SPL	119 dB	120 dB	123 dB	119 dB	120 dB	123 dB	125 dB
	Freq. Response	80Hz – 20kHz	65Hz – 20kHz	50Hz – 20kHz	80Hz – 20kHz	65Hz – 20kHz	50Hz – 20KHz	35Hz – 100/150Hz
	Colour	Black	Black	Black	Black	Black	Black	Black

VERSO8

Applications

- Sound for events and audiovisual presentations
- Sound reinforcement
- Stage monitors
- Clubs, discos and leisure centres
- Mobile discos and shows

Portable Loudspeaker Cabinet

ECLER VERSO8 is a full range, 2-way loudspeaker made of high-density and great resistance plastic material. It features a 8" polypropylene woofer and 1" HF compression driver.
Its external cosmetic design, modern and balanced, has been created with the collaboration of the reputed team Giugiaro Design.

Key Features

- Full range, 2-way loudspeaker
- 150 WRMS @ 8 Ω
- 8" woofer / 1" HF compression driver
- Carefully-studied selection of components
- Efficient Larsen high-frequency protection system (feedback) and signal clipping
- Carry handle at the rear
- 6 flying points

- Prepared for landscape installation on the ground, with no need for accessories
- Protective grill at the front, acoustically transparent
- 35 mm stand at the base for pole mount
- Speakon® connectors
- EASE Win file available

Main Technical Specifications					
	Impedance	8Ω			
	Power output (RMS)	150 W			
	Sensitivity (dB@1m 1W)	97 dB			
	Frequency response (-6 dB)	80Hz – 20kHz			
	Dispersion (HxV)	80º x 60º+J907			
	Dimensions / weight	H: 291 mm	L: 241 mm	W: 398 mm	8 Kg

Accessories

- SR8 wall support for VERSO8, VERSO8P, VERSO10, VERSO10P

SR8

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

VERSO10

Applications

- Sound for events and audiovisual presentations
- Sound reinforcement
- Stage monitors
- Clubs, discos and leisure centres
- Mobile discos and shows

Portable Loudspeaker Cabinet

ECLER VERSO10 is a full range, 2-way loudspeaker made of high-density and great resistance plastic material. It features a 10″ polypropylene woofer and 1,3″ HF compression driver.

Its external cosmetic design, modern and balanced, has been created with the collaboration of the reputed team Giugiaro Design.

Key Features

- Full range, 2-way loudspeaker
- 250 WRMS @ 8 Ω
- 10″ woofer / 1,3″ HF compression driver
- Carefully-studied selection of components
- Efficient Larsen high-frequency protection system (feedback) and signal clipping
- Carry handle at the rear
- 6 flying points
- Prepared for landscape installation on the ground, with no need for accessories
- Protective grill at the front, acoustically transparent
- 35 mm stand at the base for pole mount
- Speakon® connectors
- EASE Win file available

Main Technical Specifications				
Impedance	8Ω			
Power output (RMS)	250 W			
Sensitivity (dB@1m 1W)	96 dB			
Frequency response (-6 dB)	60Hz – 20kHz			
Dispersion (HxV)	80º x 60º			
Dimensions / weight	H: 350 mm	L: 290 mm	W: 475 mm	12.5 Kg

Accessories

- SR8 and SR12 wall support

SR8

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

VERSO12

Applications

- Sound for events and audiovisual presentations
- Sound reinforcement
- Stage monitors
- Clubs, discos and leisure centres
- Mobile discos and shows

Portable Loudspeaker Cabinet

ECLER VERSO12 is a full range, 2-way loudspeaker made of high-density and great resistance plastic material. It features a 12" polypropylene woofer and 1,75" HF compression driver.

Its external cosmetic design, modern and balanced, has been created with the collaboration of the reputed team Giugiaro Design.

Key Features

- Full range, 2-way loudspeaker
- 350 WRMS @ 8 Ω
- 12" woofer / 1,75" HF compression driver
- Carefully-studied selection of components
- Efficient Larsen high-frequency protection system (feedback) and signal clipping
- Carry handles at the rear
- 6 flying points

- Prepared for landscape installation on the ground, with no need for accessories
- Protective grill at the front, acoustically transparent
- 35 mm stand at the base for pole mount
- Speakon® connectors
- EASE Win file available

Main Technical Specifications	Impedance	8Ω			
	Power output (RMS)	350 W			
	Sensitivity (dB@1m 1W)	98 dB			
	Frequency response (-6 dB)	50Hz – 20kHz			
	Dispersion (HxV)	80° x 60°			
	Dimensions / weight	H: 447 mm	L: 368 mm	W: 607 mm	22.7 Kg

Accessories

- SR12 wall support

SR12

CABINET LOUDSPEAKERS/

VERSO8P

Applications

- Sound for events and audiovisual presentations
- Sound reinforcement
- Stage monitors
- Clubs, discos and leisure centres
- Mobile discos and shows

Self-powered Loudspeaker Cabinet

ECLER VERSO8P is a full range, self-powered 2-way loudspeaker made of high-density and great resistance plastic material. It features an 8″ polypropylene woofer and 1″ HF compression driver.

Its external cosmetic design, modern and balanced, has been created with the collaboration of the reputed team Giugiaro Design.

Key Features

- Full range, 2-way, self-powered loudspeaker
- 8″ woofer / 1″ HF compression driver
- Active crossover with 24 dB/oct slope
- Two MICRO/LINE XLR inputs with sensitivity switch
- Two-way mixer
- 3-band tone control at mixer output
- Balanced "STACK OUT" output for connection to other units or amplifiers
- Effective protection system to reduce signal clipping
- Carry handle at the rear
- 6 flying points
- Prepared for landscape installation on the ground, with no need for accessories
- Protective grill at the front, acoustically transparent
- 35 mm stand at the base for pole mount
- EASE Win file available

Main Technical Specifications				
Power output (RMS)	200 W			
Maximum SPL (dB@1m)	118 dB			
Frequency response (-6 dB)	80Hz – 20kHz			
Dispersion (HxV)	80º x 60º			
Dimensions / weight	H: 291 mm	L: 241 mm	W: 398 mm	9.9 Kg

Accessories

- SR8 wall support for VERSO8, VERSO8P, VERSO10, VERSO10P

SR8

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

VERSO10P

Applications

- Sound for events and audiovisual presentations
- Sound reinforcement
- Stage monitors
- Clubs, discos and leisure centres
- Mobile discos and shows

Self-powered Loudspeaker Cabinet

ECLER VERSO10P is a full range, self-powered 2-way loudspeaker made of high-density and great resistance plastic material. It features a 10" polypropylene woofer and 1,3" HF compression driver.
Its external cosmetic design, modern and balanced, has been created with the collaboration of the reputed team Giugiaro Design.

Key Features

- Full range, 2-way, self-powered loudspeaker
- 10" woofer / 1,3" HF compression driver
- Active crossover with 24 dB/oct slope
- Two MICRO/LINE XLR inputs with sensitivity switch
- Two-way mixer
- 3-band tone control at mixer output
- Balanced "STACK OUT" output for connection to other units or amplifiers
- Effective protection system to reduce signal clipping
- Carry handle at the rear
- 6 flying points
- Prepared for landscape installation on the ground, with no need for accessories
- Protective grill at the front, acoustically transparent
- 35 mm stand at the base for pole mount
- EASE Win file available

Main Technical Specifications	Power output (RMS)	300 W			
	Maximum SPL (dB@1m)	120 dB			
	Frequency response (-6 dB)	65Hz – 20kHz			
	Dispersion (HxV)	80º x 60º			
	Dimensions / weight	H: 350 mm	L: 290 mm	W: 475 mm	16 Kg

Accessories

- SR8 and SR10 wall support

SR8

CABINET LOUDSPEAKERS/

VERSO12P

Applications

- Sound for events and audiovisual presentations
- Sound reinforcement
- Stage monitors
- Clubs, discos and leisure centres
- Mobile discos and shows

Self-powered Loudspeaker Cabinet

ECLER VERSO12P is a full range, self-powered 2-way loudspeaker made of high-density and great resistance plastic material. It features a 12″ polypropylene woofer and 1,75″ HF compression driver. Its external cosmetic design, modern and balanced, has been created with the collaboration of the reputed team Giugiaro Design.

Key Features

- Full range, 2-way, self-powered speaker
- 12″ woofer / 1,75″ HF compression driver
- Active crossover with 24 dB/oct slope
- Two MICRO/LINE XLR inputs with sensitivity switch
- Two-way mixer
- 3-band tone control at mixer output
- Balanced "STACK OUT" output for connection to other units or amplifiers
- Effective protection system to reduce signal clipping
- Carry handles at the rear
- 6 flying points
- Prepared for landscape installation on the ground, with no need for accessories
- Protective grill at the front, acoustically transparent
- 35 mm stand at the base for pole mount
- EASE Win file available

Main Technical Specifications	Power output (RMS)	450 W			
	Maximum SPL (dB@1m)	123 dB			
	Frequency response (-6 dB)	50Hz – 20kHz			
	Dispersion (HxV)	80º x 60º			
	Dimensions / weight	H: 447 mm	L: 368 mm	W: 607 mm	24.05 Kg

Accessories

- SR12 wall support

SR12

CABINET
LOUDSPEAKERS/

VERSOSB115P

Applications

- ■ Sound for events and audiovisual presentations
- ■ Sound reinforcement
- ■ Stage monitors
- ■ Clubs, discos and leisure centres
- ■ Mobile discos and shows

Self-powered Sub-woofer Cabinet

ECLER VERSOSB115P is the 15" self-powered sub-woofer reinforcement unit of the VERSO series. Its compact design is ideal for those musical mobile applications where you need an extra punch at the low-end side of the audible spectrum.

Key Features

- ■ 15" woofer driver
- ■ 500 WRMS integrated amplifier
- ■ XLR inputs with mono conversion
- ■ XLR stack outputs (link to other SB115P units, VERSO P speakers, etc.)
- ■ PHASE and volume controls
- ■ Internal 100 or 150 Hz LPF (selectable)
- ■ Top-hat 35 mm. standard pole mount socket
- ■ Optional wheel kit (QRA + WH200 KIT)
- ■ EASE Win file available

Main Technical Specifications	Power output (RMS)	500 W			
	Maximum SPL (dB@1m)	125 dB			
	Frequency response (-3 dB)	35Hz – 100 or 150Hz			
	Dimensions / weight	H: 590 mm	L: 490 mm	W: 450 mm	41.3 Kg

Accessories

- ■ Optional Wheel kit (QRA + WH200 kit)
- ■ Pole01, pole for loudspeaker mount on top of sub-woofer units

Pole01   QRA + WH200 kit

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

ARQIS SERIES

ARQIS is a series of wooden loudspeaker cabinets with a compact format, stylish aesthetics, excellent sound quality and long term reliability, resulting in a really special combination. They have been specifically designed to fulfil permanent installation requirements where a perfect balance between sound performance and architectural / interior's design matching is a must.

Adding to the above an exceptional installation easiness, as well as horizontal or vertical mounting options and special care to safety redundancy, make them an unbeatable acoustic solution

COMPARISON CHART		ARQIS105	ARQIS106	ARQIS108	ARQIS110	ARQIS112	ARQIS205	ARQIS208	ARQISSB15
		ARCHITECTURAL LOUDSPEAKERS							
	RMS Power	70 W	120 W	150 W	170 W	340 W	140 W	300 W	600 W
	Prog. Power	140 W	240 W	300 W	340 W	680 W	280 W	600 W	1200 W
	Woofer/Driver	5.25"/1"	6.5"/1"	8"/1"	10"/1"	12"/1.4"	2 x 5.25"/1"	2 x 8""/1"	15"/-
	Lo Z	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω
	Max. SPL	110 dB	116 dB	118 dB	117 dB	122 dB	116 dB	124 dB	125 dB
	Freq. Response	85Hz – 20kHz	75Hz – 19kHz	60Hz – 19kHz	50Hz – 19kHz	50Hz – 19kHz	85Hz – 18KHz	65Hz – 18kHz	30Hz – 3.5kHz
	Connector	Euroblock	Euroblock	Euroblock + Speakon©	Euroblock + Speakon©	Euroblock + Speakon©	Euroblock + Speakon©	Euroblock + Speakon©	Speakon©
	Colour	Black & White	Black & White	Black & White	Black	Black	Black & White	Black & White	Black

# LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

ARQIS105
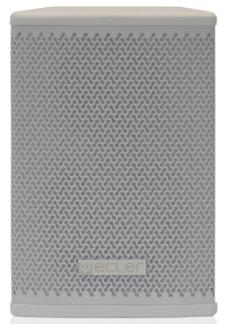
Applications

- Shopping malls
- Sports centres
- Theatres / auditoriums
- Conference rooms
- A/V presentations
- Corporate rooms
- Perimeter reinforcement in clubs
- Cafés
- Restaurants
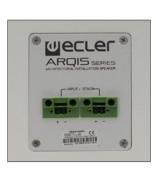- Theme parks

Architectural Loudspeaker Cabinet

ECLER ARQIS105 is a 2-way wooden loudspeaker cabinet with a compact format, stylish aesthetics, excellent sound quality and long term reliability, featuring 70 WRMS @ 8 Ω, 5,25" woofer and 1" HF tweeter. Its smart wall bracket (included), allows for pan&tilt adjustment, employing a single screw for fastening.

It has been specifically designed to fulfil permanent installation requirements where a perfect balance between sound performance and architectural / interior's design matching is a must.

Key Features

- Full range, 2-way architectural loudspeaker
- 70 WRMS @ 8 Ω
- 5,25" low frequency woofer
- 1" high frequency tweeter
- Double INPUT/STACK connector, Euroblock type, with security attachment screws to avoid accidental disconnection
- Wall bracket included, allowing for pan&tilt adjustment, employing a single screw for fastening
- Metal safety sling included, to avoid drops in case of accidental detachment from the wall surface
- Available in black or white finish

Main Technical Specifications	Power output (RMS)	70 W			
	Maximum SPL (dB@1m)	89 dB			
	Frequency response (-3 dB)	85Hz – 20kHz			
	Dispersion (HxV)	90º x 90º			
	Dimensions / weight	H: 186 mm	L: 280 mm	W: 210 mm	3.6 Kg

Accessories

- N/A

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

ARQIS106
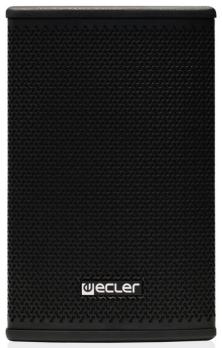
Applications

- Shopping malls
- Sports centres
- Theatres / auditoriums
- Conference rooms
- A/V presentations
- Corporate rooms
- Perimeter reinforcement in clubs
- Cafés
- Restaurants
- Theme parks

Architectural Loudspeaker Cabinet

ECLER ARQIS106 is a 2-way wooden loudspeaker cabinet with a compact format, stylish aesthetics, excellent sound quality and long term reliability, featuring 120 WRMS @ 8 Ω, 6,5" woofer and 1" HF Compression Driver. Its smart wall bracket (included), allows for pan&tilt adjustment, employing a single screw for fastening.

It has been specifically designed to fulfil permanent installation requirements where a perfect balance between sound performance and architectural / interior's design matching is a must.

Key Features

- Full range, 2-way architectural loudspeaker
- 120 WRMS @ 8 Ω
- 6.5" low frequency woofer
- 1" high frequency compression driver
- Double INPUT/STACK connector, Euroblock type, with security attachment screws to avoid accidental disconnection
- Wall bracket included, allowing for pan&tilt adjustment, employing a single screw for fastening
- Metal safety sling included, to avoid drops in case of accidental detachment from the wall surface
- Available in black or white finish

Main Technical Specifications	Power output (RMS)	120 W			
	Maximum SPL (dB@1m)	92 dB			
	Frequency response (-3 dB)	75Hz – 19kHz			
	Dispersion (HxV)	90º x 60º (rotatable)			
	Dimensions / weight	H: 216 mm	L: 350 mm	W: 240 mm	7.4 Kg

Accessories

- ECLER ADP is a cargo restraint double stud and ring for the CKL series

ECLER ADP

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

ARQIS108
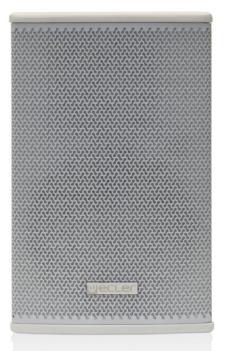
Applications

- Shopping malls
- Sports centres
- Theatres / auditoriums
- Conference rooms
- A/V presentations
- Corporate rooms
- Perimeter reinforcement in clubs
- Cafés
- Restaurants
- Theme parks

Architectural Loudspeaker Cabinet

ECLER ARQIS108 is a 2-way wooden loudspeaker cabinet with a compact format, stylish aesthetics, excellent sound quality and long term reliability, featuring 150 WRMS @ 8 Ω, 8" woofer and 1" HF Compression Driver. Its smart wall bracket (included), allows for pan&tilt adjustment, employing a single screw for fastening.

It has been specifically designed to fulfil permanent installation requirements where a perfect balance between sound performance and architectural / interior's design matching is a must.

Key Features

- Full range, 2-way architectural loudspeaker
- 150 WRMS @ 8 Ω
- 8" low frequency woofer
- 1" high frequency compression driver
- Double INPUT/STACK connector, Euroblock + Speakon© type, with security attachment screws to avoid accidental disconnection
- Wall bracket included, allowing for pan&tilt adjustment, employing a single screw for fastening
- Metal safety sling included, to avoid drops in case of accidental detachment from the wall surface
- Available in black or white finish

Main Technical Specifications	Power output (RMS)	150 W			
	Maximum SPL (dB@1m)	93 dB			
	Frequency response (-3 dB)	60Hz – 19kHz			
	Dispersion (HxV)	90º x 60º (rotatable)			
	Dimensions / weight	H: 244 mm	L: 390 mm	W: 280 mm	8.4 Kg

Accessories

- ECLER ADP is a cargo restraint double stud and ring for the CKL series

ECLER ADP

ARQIS205

Applications

- Shopping malls
- Sports centres
- Theatres / auditoriums
- Conference rooms
- A/V presentations
- Corporate rooms
- Perimeter reinforcement in clubs
- Cafés
- Restaurants
- Theme parks

Architectural Loudspeaker Cabinet

ECLER ARQIS205 is a 2-way wooden loudspeaker cabinet with a compact format, stylish aesthetics, excellent sound quality and long term reliability, featuring 140 WRMS @ 8 Ω, 2 x 5,25" woofer and 1" HF Compression Driver. Its "U" shape wall bracket (included) allows for tilt adjustment. It has been specifically designed to fulfil permanent installation requirements where a perfect balance between sound performance and architectural / interior's design matching is a must.

Key Features

- Full range, 2-way architectural loudspeaker
- 140 WRMS @ 8 Ω
- 2 x 5,25" low frequency woofer
- 1" high frequency compression driver
- Double INPUT/STACK connector, Euroblock + Speakon© type, with security attachment screws to avoid accidental disconnection
- "U" Shape wall bracket included, allowing for tilt adjustment
- 8 x M8 cabinet flying points.
- Metal safety sling included, to avoid drops in case of accidental detachment from the wall surface
- Available in black or white finish

Main Technical Specifications	Power output (RMS)	140 W			
	Maximum SPL (dB@1m)	92 dB			
	Frequency response (-3 dB)	85Hz – 18kHz			
	Dispersion (HxV)	90º x 60º (rotatable)			
	Dimensions / weight	H: 480 mm	L: 186 mm	W: 210 mm	8.4 Kg

Accessories

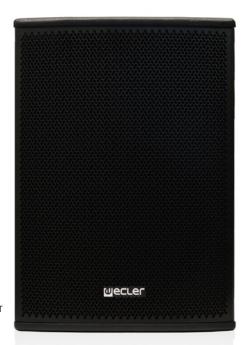- N/A

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

ARQIS208

Applications

- Shopping malls
- Sports centres
- Theatres / auditoriums
- Conference rooms
- A/V presentations
- Corporate rooms
- Perimeter reinforcement in clubs
- Cafés
- Restaurants
- Theme parks

Architectural Loudspeaker Cabinet

ECLER ARQIS208 is a 2-way wooden loudspeaker cabinet with a compact format, stylish aesthetics, excellent sound quality and long term reliability, featuring 300 WRMS @ 8 Ω, 2 x 8" woofer and 1" HF Compression Driver. Its "U" shape wall bracket (included) allows for tilt adjustment. It has been specifically designed to fulfil permanent installation requirements where a perfect balance between sound performance and architectural / interior's design matching is a must.

Key Features

- Full range, 2-way architectural loudspeaker
- 300 WRMS @ 8 Ω
- 2 x 8" low frequency woofer
- 1" high frequency compression driver
- Double INPUT/STACK connector, Euroblock + Speakon© type, with security attachment screws to avoid accidental disconnection
- "U" Shape wall bracket included, allowing for tilt adjustment
- 8 x M8 cabinet flying points.
- Metal safety sling included, to avoid drops in case of accidental detachment from the wall surface
- Available in black or white finish

Main Technical Specifications	Power output (RMS)	300 W			
	Maximum SPL (dB@1m)	96 dB			
	Frequency response (-3 dB)	65Hz – 18kHz			
	Dispersion (HxV)	90° x 60° (rotatable)			
	Dimensions / weight	H: 610 mm	L: 244 mm	W: 280 mm	14.8Kg

Accessories

- N/A

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

ARQIS110

Applications

- Shopping malls
- Sports centres
- Theatres / auditoriums
- Conference rooms
- A/V presentations
- Corporate rooms
- Perimeter reinforcement in clubs
- Cafés
- Restaurants
- Theme parks

Architectural Loudspeaker Cabinet

ECLER ARQIS 110 is a wooden loudspeaker cabinet with a compact format, stylish aesthetics, excellent sound quality and long term reliability, featuring 170 WRMS @ 8 Ω, 10" woofer and 1" HF Compression Driver. 35 mm mount socket and 8 x M10 rigging points, allowing for horizontal or vertical mounting options (90º x 60º dispersion pattern).

It has been specifically designed to fulfil permanent installation requirements where a perfect balance between sound performance and architectural / interior's design matching is a must.

Key Features

- Full range, 2-way architectural loudspeaker
- 170 WRMS @ 8 Ω
- 1 x 10" low frequency woofer
- 1" high frequency compression driver
- Double INPUT/STACK connector, Euroblock + Speakon© type, with security attachment screws to avoid accidental disconnection
- 35 mm mount socket, compatible with SR12 wall bracket (not included)
- 8 x M10 cabinet flying points.
- Metal safety sling included, to avoid drops in case of accidental detachment from the wall surface
- Available in black finish

Main Technical Specifications	Power output (RMS)	170 W			
	Maximum SPL (dB@1m)	95 dB			
	Frequency response (-3 dB)	60Hz – 18kHz			
	Dispersion (HxV)	90º x 50º (rotatable)			
	Dimensions / weight	H: 359 mm	L: 310 mm	W: 495 mm	14.4 Kg

Accessories

- N/A

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

ARQIS112

Applications

- Shopping malls
- Sports centres
- Theatres / auditoriums
- Conference rooms
- A/V presentations
- Corporate rooms
- Perimeter reinforcement in clubs
- Cafés
- Restaurants
- Theme parks

Architectural Loudspeaker Cabinet

ECLER ARQIS 112 is a wooden loudspeaker cabinet with a compact format, stylish aesthetics, excellent sound quality and long term reliability, featuring 340 WRMS @ 8 Ω, 12" woofer and 1,4" HF Compression Driver. 35 mm mount socket and 8 x M10 rigging points, allowing for horizontal or vertical mounting options (90°x60° dispersion pattern).

It has been specifically designed to fulfil permanent installation requirements where a perfect balance between sound performance and architectural / interior's design matching is a must.

Key Features

- Full range, 2-way architectural loudspeaker
- 340 WRMS @ 8 Ω
- 1 x 12" low frequency woofer
- 1,4" high frequency compression driver
- Double INPUT/STACK connector, Euroblock + Speakon© type, with security attachment screws to avoid accidental disconnection
- 35 mm mount socket, compatible with SR12 wall bracket (not included)
- 8 x M10 cabinet flying points.
- Metal safety sling included, to avoid drops in case of accidental detachment from the wall surface
- Available in black finish

Main Technical Specifications	Power output (RMS)	340 W			
	Maximum SPL (dB@1m)	97 dB			
	Frequency response (-3 dB)	60Hz – 18kHz			
	Dispersion (HxV)	90° x 40° (rotatable)			
	Dimensions / weight	H: 416 mm	L: 352 mm	W: 565 mm	20 Kg

Accessories

- N/A

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

ARQISSB15

Applications

- Shopping malls
- Sports centres
- Theatres / auditoriums
- Conference rooms
- A/V presentations
- Corporate rooms
- Perimeter reinforcement in clubs
- Cafés
- Restaurants
- Theme parks

Architectural Loudspeaker Cabinet

ECLER ARQIS SB15 is a wooden sub-woofer reinforcement cabinet with a compact format, stylish aesthetics, excellent sound quality and long term reliability, featuring 600 WRMS @ 8 Ω and a 15" LF driver.

It has been specifically designed to fulfil permanent installation requirements where a perfect balance between sound performance and architectural / interior's design matching is a must.

35 mm top-hat pole mount socket and 8 x M10 rigging points included.

Key Features

- Sub-woofer, 1-way architectural loudspeaker
- 600 WRMS @ 8 Ω
- 1 x 15" low frequency woofer
- Double INPUT/STACK connector, Speakon© type
- 35 mm top-hat mount socket, for pole mount combinations with ARQIS10, ARQIS12, etc.
- 8 x M10 cabinet flying points.
- Available in black finish

Main Technical Specifications	Power output (RMS)	600 W			
	Maximum SPL (dB@1m)	98 dB			
	Frequency response (-3 dB)	40Hz – 3kHz			
	Dimensions / weight	H: 534 mm	L: 525 mm	W: 460 mm	32 Kg

Accessories

- Pole01, pole for loudspeaker mount on top of sub-woofer units

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

CKL-T SERIES

Wooden cabinets addressed to high power and long-throw music and vocal applications.

Manufactured in 18mm multi-layered finish birch plywood.

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

CKL110T

Applications

- Speech reinforcement in permanent installation like stadiums, sport pavilions, theatres, congress halls, houses of worship
- Music playback in permanent applications and events

Long-throw Loudspeaker Cabinet

ECLER CKL110T ia a 2-way, full range mid-high loudspeaker cabinet. It combines an enclosed 10″ speaker attached to a Tractix horn with phase correction and a 2″ compression driver. Manufactured in 18mm multi-layered Finnish birch plywood. Targeted to long-through vocal reproduction as well as music reinforcement applications in adverse acoustic environments.

Key Features

- 2-way, full range mid-high loudspeaker cabinet
- 350 WRMS @ 8 Ω
- 10″ enclosed speaker with neodymium motor and carbon fibre compound diaphragm attached to a Tractix horn with phase corrector
- 2″ compression driver with pure titanium diaphragm, neodymium motor
- Internally reinforced. Trapezoidal shape
- Careful component selection
- Superior efficiency values: up to 112dB 1W/1m
- Scratch and shock proof polyurethane paint finish
- Side handles for easy set up
- 1.5mm protective front grid and acoustically transparent foam against dust and splashes
- Six ISO 7166 air cargo tracks for precise rigging
- Speakon® connectors

Main Technical Specifications	Power output (RMS)	350 W			
	Efficiency SPL 1W 1m	112 dB			
	Frequency response (-3 dB)	170Hz – 19kHz			
	Dispersion (HxV)	60º x 40º			
	Dimensions / weight	H: 550 mm	L: 550 mm	W: 650 mm	47 Kg

Accessories

- ADP: cargo restraint double stud and ring

CABINET LOUDSPEAKERS/

CKLSM115T

Applications

- Speech reinforcement in permanent installation like stadiums, sport pavilions, theatres, congress halls, houses of worship
- Music playback in permanent applications and events

Long-throw Loudspeaker Cabinet

ECLER CKLSM115T is mid-low frequencies loudspeaker cabinet, featuring a high performance horn loaded 15" speaker. Manufactured in 18mm multi-layered Finnish birch plywood. Targeted to long-through vocal reproduction as well as music reinforcement applications in adverse acoustic environments.

Key Features

- Mid-low frequencies loudspeaker cabinet
- 600 WRMS @ 8 Ω
- High performance horn loaded 15" speaker
- Internally reinforced. Trapezoidal shape
- Careful component selection
- Superior efficiency values: up to 112dB 1W/1m
- Scratch and shock proof polyurethane paint finish
- Side handles for easy set up
- 1.5mm protective front grid and acoustically transparent foam against dust and splashes
- Six ISO 7166 air cargo tracks for precise rigging
- Speakon® connectors

Main Technical Specifications	Power output (RMS)	600 W			
	Efficiency SPL 1W 1m	105 dB			
	Frequency response (-3 dB)	70Hz – 280Hz			
	Dimensions / weight	H: 550 mm	L: 550 mm	W: 650 mm	37.2 Kg

Accessories

- ADP: cargo restraint double stud and ring

LOUDSPEAKERS/

CABINET LOUDSPEAKERS/

DPC118

Applications

- Speech reinforcement in permanent installation like stadiums, sport pavilions, theatres, congress halls, houses of worship
- Music playback in permanent applications and events

Long-throw Sub-woofer Cabinet

ECLER DPC118 is a low frequencies loudspeaker cabinet, featuring high performance 18″ speaker. Manufactured in 18mm multi-layered Finnish birch plywood, covered with a scratch and shock resistant polyurethane paint finish.
Two DPC118 units should be paired for a more powerful bass reinforcement.
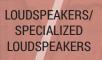
Key Features

- Low frequencies loudspeaker cabinet
- 1200 WRMS @ 8Ω
- High performance 18″ speaker
- Internally reinforced
- Careful component selection
- Superior efficiency values: up to 112dB 1W/1m
- Maximum SPL at 1m reaches 140dB
- Side handles for easy set up
- 1.5mm protective front grid and acoustically transparent foam against dust and splashes
- Speakon® connectors

Main Technical Specifications	Power output (RMS)	1200 W @ 8 ohm			
	Efficiency SPL 1W 1m	112 dB			
	Dimensions / weight	H: 570 mm	L: 750 mm	W: 720 mm	55.5 Kg

Accessories

- N/A

5.3

Singular applications require singular loudspeakers, like the ones included here: in-ground models for outdoor locations, cornered and shaped as a sphere portion ready to merge with other units to build really unique outfits...

LOUDSPEAKERS/ SPECIALIZED LOUDSPEAKERS

LOUDSPEAKERS/

SPECIALIZED LOUDSPEAKERS/

NEST106

Applications

- Messages and background music over 70/100 V or low impedance lines
- Shopping and leisure centres
- Corporate and residential buildings
- Commercial premises, franchise stores
- Museums, exhibition halls
- Discos, bars and restaurants

Sphere Portion Loudspeaker

ECLER NEST106 installation loudspeaker is the result of an in-depth analysis of current and future needs for background music and voice systems.

NEST106 is a real unique loudspeaker cabinet: its design, with a front panel in the shape of a partial sphere (⅛ of a sphere) and the back in the shape of a triangular pyramid, permits a wide variety of potential installations, ranging from an individual sound box, fitting perfectly in a corner, to several merged units to become portions of a sphere or even a complete sphere hanging from the ceiling.

Key Features

- Full range, 2-way speaker
- Built-in 70/100 V line transformer
- 8 Ω / 100V (7, 10, 15 or 30 W) operating selector switch
- Euroblock-type connector
- Comes with accessories for wall-mounting, connectors, screws and Allen key
- IP54 class for installing outdoors
- 6,5" Woofer + coaxial Tweeter
- EASE Win file available

Main Technical Specifications	Power output (RMS)	60 W			
	Efficiency SPL 1W 1m	93 dB			
	Frequency response (-3 dB)	110Hz – 20kHz			
	Dimensions / weight	H: 330 mm	L: 230 mm	W: 197 mm	3.25 Kg

Accessories

- MP106NEST2: 2 NEST106 units wall mount bracket
- MP106NEST3: 3 NEST106 units corner mount bracket
- MP106NEST4: ceiling bracket (half sphere configurations)

MP106NEST4   MP106NEST2 / 3

LOUDSPEAKERS/

SPECIALIZED LOUDSPEAKERS/

IG108

Applications

- Theme parks
- Gardens, nature parks and urban spaces
- Leisure centers
- Health and sport centers
- Museums
- Residential buildings, outdoor areas

In-ground Loudspeaker Cabinet

ECLER IG108 is an in-ground weatherproof loudspeaker (IP65) with an omni-directional horizontal dispersion pattern (360º).
It is ideal for music and message applications in outdoor areas, where a reliable yet high quality sound system is required.

Key Features

- IP65 outdoor rated loudspeaker
- 8 Ω and 70/100 V (7,5, 15, 30 or 60 W tap switch)
- 8" Kevlar woofer and 1" ACCW silk dome tweeter
- Frequency response (-10 dB): 50 Hz to 23 kHz
- Omni directional horizontal coverage pattern (a circular area with an average radius of 4 to 6 meters can be covered by one unit, in a standard application)
- Security ground bracket included
- EASE Win file available

Main Technical Specifications					
	Nominal low impedance	8Ω			
	RMS power	100 W			
	Power selector	7.5,15,30,60 W (100V) and 3.75,7.5,15,30W (70V)			
	Efficiency SPL 1W 1m	92 dB			
	Frequency response (-3 dB)	65Hz – 22kHz			
	Dimensions (without accessories) / weight	H: 360 mm	L: 392.5 mm	W: 392,5 mm	8.5 Kg

Accessories

- N/A

ESSENTIALS

Applications

■ General paging and background music reproduction in 70V/100V installations

Public Address Loudspeaker Cabinet

ECLER ESSENTIALS ePHS20T is a horn loudspeaker carefully selected for the most extended 70V/100V paging and background music applications, offering durability and optimal speech and music reproduction. Manufactured in reinforced ABS and IP56 rated, therefore suitable for outdoor superior performance.

Key Features

■ ABS weatherproof horn loudspeaker
■ 20 W RMS @ 8 Ω
■ IP56
■ Power tappings for 70V and 100V

Main Technical Specifications	Nominal low impedance	8Ω			
	RMS power	20 W			
	Power selector	2, 3.75,7.5,15,30W			
	Efficiency SPL 1W 1m	102 dB			
	Frequency response (-3 dB)	300Hz – 8kHz			
	Dimensions (without accessories) / weight	H: 200 mm	L: 233 mm	W: 200 mm	1.3 Kg

Accessories

■ N/A

Applications

- General paging and background music reproduction in 70V/100V installations

Public Address Loudspeaker Cabinet

ECLER ESSENTIALS ePRS10T is a sound projector carefully selected for the most extended 70V/100V paging and background music applications, offering durability and optimal speech and music reproduction. Manufactured in reinforced ABS and IP55 rated, therefore suitable for outdoor superior performance.

Key Features

- ABS weatherproof sound projector
- 10 W RMS @ 8 Ω
- IP55
- Power tappings for 70V and 100V

Main Technical Specifications				
Nominal low impedance	8Ω			
RMS power	10 W			
Power selector	2.5, 5, 10 W			
Efficiency SPL 1W 1m	91 dB			
Frequency response (-3 dB)	150Hz – 15kHz			
Dimensions (without accessories) / weight	H: 136 mm	L: 220 mm	W: 136 mm	1.6 Kg

Accessories

- N/A

Applications

■ General paging and background music reproduction in 100V/70V installations

Public Address Loudspeaker Cabinet

ECLER ESSENTIALS eMSP50T is a weather-proof 2-way musical horn carefully selected for the most extended 70V/100V paging and background music applications, offering durability and optimal speech and music reproduction. Manufactured in reinforced ABS and IP56 rated, therefore suitable for outdoor superior performance in music high-quality applications.

Key Features

■ ABS weatherproof two way musical horn
■ 50 W RMS @ 8 Ω
■ IP56
■ Power tappings for 70V and 100V

Main Technical Specifications	Nominal low impedance	8Ω			
	RMS power	50 W			
	Power selector	3.5, 4.5, 9, 12.5, 25, 50 W			
	Efficiency SPL 1W 1m	99 dB			
	Frequency response (-3 dB)	70Hz – 20kHz			
	Dimensions (without accessories) / weight	H: 250 mm	L: 360 mm	W: 320 mm	3.9 Kg

Accessories

■ N/A

5.4

Loudspeaker models featuring a design which conforms to **EN54-24** standard (Fire detection and fire alarm systems, Voice alarms - Loudspeakers).

LOUDSPEAKERS/
EN54-24 CERTIFIED
LOUDSPEAKERS

LOUDSPEAKERS/

EN54-24 CERTIFIED LOUDSPEAKERS/

IC6CLASS-54

Applications

- EN54-24 standard compliance
- Corporate and residential buildings
- Commercial premises, retail shops
- Leisure centres
- Sound reinforcement in clubs, bars, etc.
- Health and sports centres
- Meeting and conference rooms
- 5.1 and 7.1 surround systems
- Auditoriums, museums

EN54-24 In-ceiling /In-wall High-end Loudspeaker

ECLER IC6CLASS-54 2-way loudspeaker features a design which conforms to EN54-24 standard (Fire detection and fire alarm systems, Voice alarms - Loudspeakers), including a fire rated back can, ceramic connection terminals, thermal fuse and Internal FR wiring.
It integrates a very careful and efficient selection of components (6" woofer + 1" tweeter), together with a mechanical design that provide a high quality audio ("Hi-Fidelity" profile sound) and a very fast installation process, just using a basic set of tools.

Key Features

- 2-way loudspeaker, 75 WRMS
- 16 Ω impedance, allowing for multiple units connected in parallel to a standard audio amplifier
- High impedance built-in transformer, allowing for multiple units connected in parallel to a 70V / 100V line audio amplifier (5 different power tappings available)
- 16 Ω or high impedance power selection accessible from the front panel, once the loudspeaker is already installed in the ceiling

- 6,5" Kevlar® woofer
- 1" Silk dome (ACCW) tweeter
- Aluminium front grill
- Fire rated back can.
- Ceramic connection terminals
- Thermal fuse
- Internal FR wiring
- Fast installation procedure using a basic set of tools

Main Technical Specifications		
Nominal low impedance	16Ω	
RMS power	75 W	
Power selector (70V)	1.5, 3.7, 7.5, 10, 15 W	
Power selector (100V)	3, 7.5, 15, 20, 30 W	
Sensitivity 1W/1m	86 dB	
Frequency response (-6 dB)	45Hz – 22kHz	
External diameter	270 mm	
Internal diameter	224,5 mm	
Required depth (with back can)	175 mm	
Weight	3.1 kg	

Accessories

- N/A

A single box including everything required to allow everyone, even non-technical skilled, carry out a professional audio installation.

AUDIO SETS/

6

AUDIO SETS/

Applications

- Retail shops
- Hotels, clubs, restaurants & bars
- Leisure, sport and health centres
- Multimedia presentations
- Museums and exhibitions
- Classrooms
- Meeting rooms
- Video-walls, screens, interactive
- AV marketing and digital signage

HORECA140BK

Plug & Play Audio Set

ECLER ESSENTIALS HORECA140 is a plug&play audio pack including everything that one needs to quickly and easily install a professional audio system, even having very few technical or audio skills.

This kit includes:
- 1 HMA120: an "all in one" audio device
- 4 AUDEO106 loudspeaker cabinet units (black colour, wall mount supports and accessories included)
- All the required connectors
- Loudspeaker wire reel (50 meters) and screwdriver
- Quick installation guide, with a step-by-step detailed procedure

Key Features

- 1 x HMA120 audio player + mixer + amplifier:
  - 120W RMS amplifier (140W music power)
  - Built-in mp3 player from SD or USB slots
  - Audio mixer with 2 microphone inputs and 3 LINE inputs (ready for external sound sources)
  - Bass / Treble tone controls
  - Auto stand-by function (low energy consumption when idle)
- 4 x AUDEO106 loudspeaker cabinets: 2-way 50 WRMS loudspeakers, including all the necessary accessories for wall-mount installation

Main Technical Specifications					
HMA120 Output Power @ 4Ω	110 WRMS				
HMA120 Output Power @ 8Ω	84 WRMS				
HMA120 Output Power @ 70/100V	110 WRMS				
HMA120 Remote Control	REMOTE port for source selection and volume control (WPm series compatible)				
HMA120 Dimensions/Weight	210 mm	230 mm	88 mm	5.95 kg	
AUDEO106 Power, low impedance	50 WRMS @ 8 ohms (2 way loudspeaker)				
AUDEO106 Power, high impedance	5 / 7.5 / 15 / 30 W (100V taps)				
AUDEO106 Dimensions/ Weight	242 mm	242 mm	163 mm	2.3 kg	

Accessories

- WPm series wall panels
- MPAGE1 paging console

WPm Series   MPAGE1

AUDEOSB10P21

Applications

- Retail shops
- Hotels, clubs, restaurants & bars
- Leisure, sport and health centres
- Multimedia presentations
- Museums and exhibitions
- Classrooms
- Meeting rooms
- Video-walls, screens, interactive
- AV marketing and digital signage

Plug & Play Audio Set

ECLER ESSENTIALS AUDEO SB10P21 is a kit that will allow everybody to carry out an easy installation of a real professional 2.1 audio system: a stereo sound with a sub-woofer reinforcement unit.

This kit contains:

- AUDEOSB10P21 loudspeaker cabinet: a self-powered 10" sub-woofer unit combined with a built-in stereo amplifier that feeds satellite, full range loudspeakers
- Protection cover for connectors and local controls
- Wall panel control to adjust the set's volume remotely
- Speaker wire reel (50 meters), wall panel cable, screwdriver
- Quick installation guide, with a step-by-step detailed procedure

Key Features

- 10" powered sub-woofer integrated in the cabinet, 150 WRMS
- 2 x 150 WRMS stereo amplifier integrated in the cabinet, with Euroblock connectors for external speakers ("satellites")
- Stereo audio input with RCA and Euroblock connectors
- Adjustable sub-woofer cutoff frequency: low-pass filter frequency between 100 and 150Hz
- sub-woofer phase switch
- MASTER VOL and SUB VOL level controls
- 0-10VDC ports for volume remote control, compatible with the WPmVOL wall panel
- ON / STANDBY, Signal Present, CLIP L and CLIP R indicators
- Recommended loudspeakers:
  - AUDEO Series: allows up to 8 loudspeakers (4 per channel - global impedance = 2Ω)
  - eAMBIT Series: allows up to 8 loudspeakers (4 per channel - global impedance = 2Ω)

Main Technical Specifications					
Integrated Active Subwoofer Power	150 WRMS				
Subwoofer Maximum SPL (dB@1m)	112 dB				
Subwoofer LPF Crossover Filter	Adjustable from 100 to 150Hz / 12dB oct				
Integrated Stereo Satellite Amplifier Power, per channel	119 WRMS @ 2Ω / 83 WRMS @ 4Ω				
Integrated Stereo Satellite Amplifier Freq. Response	20Hz - 20kHz				
Remote control	0- 10 VDC, compatible with WpmVOL wall panel				
Others	Auto standby function				
Dimensions/ Weight	310 mm	500 mm	425 mm	13.55 kg	

Accessories

- WPm series wall panels

WPmVOL

Last but not least: remote controls, connection panels and peripherals that every audio installation needs to make end-user's life easier.

REMOTE CONTROLS & INTERFACES/

Paging consoles to allow real-time voice messages broadcasting.

**REMOTE CONTROLS
& INTERFACES/
PAGING STATIONS**

REMOTE CONTROLS
& INTERFACES/
PAGING STATIONS

7.1

Applications

- Paging, voice messages and speech

Desktop Paging Station

ECLER MPAGE1 is a 1-zone desktop paging station, compatible with any device including a phantom-powered microphone input (SAM series, COMPACT series, DAM614, MIMO88, CA series, HMA series, etc.).

Key Features

- 1 zone paging station
- PAGE key
- "PAGE ACTIVE" trigger port (GPO), for its connection to external devices (open collector port)
- Gooseneck microphone

Main Technical Specifications					
Microphone type	Non-removable gooseneck condenser microphone				
Polar pattern Unidirectional	Unidirectional				
Microphone frequency response	50Hz – 18KHz (-10dB)				
Output level	-20dBV @ 104dB SPL				
Audio output	Balanced, detachable 3 pole screw terminal				
Control output (TRIGGER port)	Open Collector, drain N channel mosfet N.C.				
Phantom power supply	+10 to +48VDC				
Dimensions/ Weight (mic excluded)	120 mm	126 mm	43 mm	635 g	

Accessories

- N/A

Applications
■ Paging, voice messages and speech

Desktop Paging Station

ECLER MPAGE4 is a 4-zone desktop paging station compatible with the MIMO88, DAM614, CA series, etc. It allows for real-time paging with zones' destination selection.

Key Features
■ 4 zone selection keys
■ SELECT ALL, and PAGE keys
■ Selectable chime melody
■ Gooseneck microphone

Main Technical Specifications				
Microphone type	Non-removable gooseneck condenser microphone			
Polar pattern Unidirectional	Unidirectional			
Microphone frequency response	50Hz – 18KHz (-10dB)			
Output level	0dBV @ 104dB SPL			
Audio / control connector	RJ45			
Integrated Chime	DIP selector for mode 1, 2 or 3 or none.			
Phantom power supply	6 to 15 VDC (40 mA consumption)			
Dimensions/ Weight (mic excluded)	120 mm	126 mm	43 mm	650 g

Accessories
■ N/A

Applications

■ Paging, voice messages

Desktop Paging Station

ECLER MPAGE16 is a digital paging station compatible with the MIMO88 and MIMO88SG matrices. It features 21 touch-sensitive keys that, together with the MIMO hardware, allow for an easy, flexible and user-friendly configuration of a paging system that can coexist with other MIMO functions and with other control hardware and/or software control systems, like the WPmSCREEN, WPTOUCH or TP-NET.

Key Features

■ 16 zone selection keys
■ SELECT ALL, CLEAR and PAGE keys
■ Two user-defined functions keys (for recalling presets, grouped zones selection, GPOs activation, etc.)
■ Gooseneck integrated microphone
■ Several MPAGE16 or software (virtual) paging stations can work simultaneously (priorities and zones availability is managed by the MIMO88 MIMO88SG software setup)

Main Technical Specifications				
Microphone type	Non-removable gooseneck condenser microphone			
Polar pattern Unidirectional	Unidirectional			
Microphone frequency response	50Hz – 18KHz (-10dB)			
Output level	-10dBV @ 104dB SPL			
Audio + control connector	Detachable Euroblock, 6 pole			
Control protocol	ER-BUS.			
Phantom power supply	7 to 16 VDC (100 mA consumption)			
Dimensions/ Weight (mic excluded)	216 mm	157 mm	46 mm	700 g

Accessories

■ N/A

Programmable digital screens and wall panels aimed to become custom-made, user-friendly control interfaces for the end-users.

REMOTE CONTROLS & INTERFACES/ DIGITAL CONTROLS & PANELS

REMOTE CONTROLS
& INTERFACES/
DIGITAL CONTROLS
& PANELS

7.2

REMOTE CONTROLS & INTERFACES/

DIGITAL CONTROLS & PANELS/

WPmSCREEN

Applications

Remote control for installations including EclerNet devices:

- Direct control of MIMO88/SG, NXA, DUO-NET PLAYER, etc , point to point (direct CAT5 cable, no network involved)
- Network control of a full EclerNet installation, including several MIMO88, NXA, DUO-NET PLAYER, and/or other EclerNet devices
- BGM & Paging solutions, with message priorities and source/volume independent selection
- Integration in installation global control systems

EclerNet Touch-screen Wall Panel

ECLER WPmSCREEN is a remote control panel compatible with all the EclerNet products, like MIMO88 / SG, NXA series y DUO-NET PLAYER. It features a 7" touch-screen and an integrated UCP (User Control Panel) client and server hardware: no computer is required to run an EclerNet project and become a UCP webserver, once one or more WPmSCREEN units are installed in it.
Each unit can be configured by means of the UCP control system as a local zone control or as a global control, as they are totally compatible with the standard UCP panels architecture, and also with third-party UCP clients (iOS©, Android©, Windows©, etc.).
WPmSCREEN includes a surface mount installation box, and is as well compatible with standard recessed boxes and the VESA75 mount system.

Key Features

- Integrated CPU, able to run EclerNet projects as a UCP server and/or behave as a UCP client
- 7" touch-screen
- Surface mount, recessed or VESA75 installation options

Main Technical Specifications	Screen / Touch panel	7" a-Si TFT active matrix, resistive (can be operated with finger or stylus)			
	Resolution	800 x 480 (LED backlight)			
	Active area	154 x 86 mm.			
	Ethernet port	Ethernet Base-Tx 10/100Mb Auto X-Over CAT5 up to 100m			
	Supply voltage	24V DC (AC/DC adapter included, universal & certified)			
	Bracket mounting holes	VESA 75mm compatible			
	Dimensions/ Weight	216 mm	159 mm	36 mm	550 g

Accessories

- N/A

Applications

- Remote control, managing source selection / preset selection, volume control and MUTE or other programmable functions (depending on attached devices)

Digital Remote Control

ECLER WPTOUCH is a digital remote control for MIMO88 and MIMO88SG matrixes.

Key Features

- Digital remote control, compatible with the MIMO88 digital matrix (CAN-BUS)
- 2 touch-sensitive keys
- 1 touch-sensitive jog wheel
- 1 IR receiver
- 2x16 char. LCD transflective display
- Programmable under the MIMO88 / MIMO88SG control (digital mode)
- Compatible with the DAM614 for both volume control and source selection (analogue mode)
- Compatible with other products with 0-10 VDC ports (MPA, ALMA, CA, NXA, etc.) for volume control and/or source selection (using an external power supply)
- Recessed or top-wall mount with included accessory

Main Technical Specifications					
	Power DC	10~17V DC			
	Power consumption	32 mA			
	Cable length, Analogue mode	Up to 500m, min. wire section of 0.5mm2 (with WP-PSU power supply).			
	Cable length, Digital mode	Up to 1000m with CAT5 or better (with WP-PSU power supply)			
	Dimensions/ Weight	86 mm	35 mm	86 mm	65 g

Accessories

- N/A

The more basic and essential controls and connection panels, however indispensable in many cases.

REMOTE CONTROLS & INTERFACES/ ANALOGUE CONTROLS & PANELS

REMOTE CONTROLS
& INTERFACES/
ANALOGUE CONTROLS
& PANELS

7.3

Applications

- Remote volume control
- Remote volume control and/or source selection
- Remote 70/100V line attenuation
- Remote source selection

Remote Wall Panel Control

ECLER WPmVOL is a remote wall panel control for one volume management. Compatible with all ECLER 0-10V DC REMOTE control port, like MPA-R, ALMA, MIMO88 / SG, NXA series, CA series, GPA series, etc. Surface-mount installation box included.

ECLER WPmVOL-J has the same features as WPm VOL + front panel stereo mini-jack connector.

ECLER WPmVOL-SR is a remote wall panel control for one volume management + source or preset selection. Compatible with all ECLER 0-10V DC REMOTE control port, like MPA-R, ALMA, MIMO88 / SG, NXA series, CA series, GPA series, etc. Surface-mount installation box included.
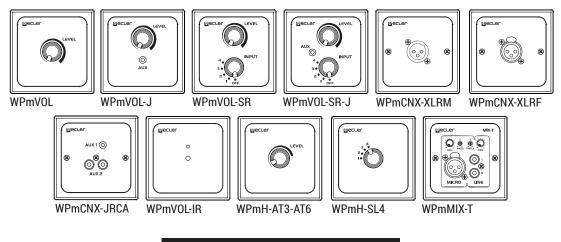
ECLER WPmVOL-SR-J has the same features as WPmVOL-SR + front panel stereo mini-jack connector.

ECLER WPmH-AT3 is a 70 / 100V line attenuator with integrated 24 VDC priority relay. 3W maximum output power. Surface-mount installation box included.

ECLER WPmH-AT6 is a 70 / 100V line attenuator with integrated 24 VDC priority relay. 6W maximum output power. Surface-mount installation box included.

ECLER WPmH-AT100 is a 70 / 100V line attenuator with integrated 24 VDC priority relay. 100W maximum output power. Surface-mount installation box included.

ECLER WPmH-SL4 is a 70 / 100V V line selector (one out of 4 music program lines). Surface-mount installation box included.

| WPmVOL | WPmVOL-J | WPmVOL-SR | WPmVOL-SR-J | WPmCNX-XLRM | WPmCNX-XLRF |

| WPmCNX-JRCA | WPmVOL-IR | WPmH-AT3-AT6 | WPmH-SL4 | WPmMIX-T |

Main Technical Specifications	WPmVOL	Dimensions	86 mm	35 mm	86 mm
	WPmVOL-J				
	WPmVOL-SR				
	WPmrVOL-SR-J				
	WPmH-AT3				
	WPmH-AT6				
	WPmH-AT100	Dimensions	TBC	TBC	TBC
	WPmH-SL4	Dimensions	86 mm	35 mm	86 mm

Accessories

- N/A

Applications

- Remote audio sources connection, mixing 2 inputs into a single balanced mono LINE output
- Remote control, managing volume control and/or source selection
- Remote audio sources connection

Wall Panel Micro-mixer / Wall Panel Infrared Control Kit
Remote Wall Panel Connection

ECLER WPmMIX-T is a 2 channel micro-mixer which keeps the standard wall-panel format of the WPm series. It allows to a mix a stereo unbalanced signal (2 x RCA) with a microphone signal (XLR), getting a balanced mono output that can be sent to a preamplifier, amplifier, mixer, digital or analogue matrix, etc., thus saving inputs in the receiver device.
The MIC input includes a 2 band EQ (BASS, TREBLE) and it can use the talk-over function to override the line signal when the microphone exceeds the talk-over detection threshold.

ECLER WPmVOL-IR is a IR to 0-10 V DC interface + IR remote control set. Volume UP, DOWN & MUTE functions are converted from IR pulses to VCA voltages. Wall panel blind plate with IR receiver and IR activity LED (green-orange-red). REVO-IR Remote control included. Compatible with all ECLER 0-10V DC REMOTE control ports (MPA-R, ALMA, DAM614, NXA series, MIMO88 / SG, GPA series, CA series, etc). Surface-mount installation box included.

ECLER WPmCNX-XLRM is a connection Wall Plate with Male 3 pin XLR connector. Screw-type connector at the back (no solder needed). Surface-mount installation box included.

ECLER WPmCNX-XLRF connection Wall Plate with Female 3 pin XLR connector. Screw-type connector at the back (no solder needed). Surface-mount installation box included.

ECLER WPmCNX-JRCA is a connection Wall Plate with 1 x stereo minijack and 2 x RCA connectors. Surface-mount installation box included.

Key Features WPmMIX-T

- Unbalanced stereo line input (2 x RCA)
- Balanced microphone input with BASS and TREBLE controls and selectable Phantom power
- Independent volume controls for LINE and MIC inputs
- Talk-over function available (MIC over LINE)
- External Power Supply Unit required (12 to 17 VDC). Suggested ECLER PSU unit: WP-PSU (a single WP-PSU unit can feed up to 20 WPmMIX-T units, depending on cable runs and sections)

Key Features WPmVOL-IR

- IR receiver ewall panel
- IR remote control included
- 0- 10 VDC control output

Main Technical Specifications	Inputs WPmMIX-T	1 x ST LINE + 1 MIC		
	Tone controls WPmMIX-T	Bass / Treble (MIC input)		
	Output WPmMIX-T	LINE level, mono, balanced		
	Others WPmMIX-T	Talkover function		
	Required DC supply WPmMIX-T	12 to 17 VDC, compatible with WP-PSU		
	Power consumption WPmMIX-T	40 mA		
	Dimensions ALL	86 mm	35 mm	86 mm

Accessories

- N/A

Accessories and complement devices to bring installations to excellence.

ACCESSORIES & AIDS/

Applications

■ Multi-zone and stereo loudspeaker high impedance lines (long wire run using 70 / 100V lines)

70 / 100V Transformer Unit

ECLER DLA SERIES is a set of multi-channel line adaptors that permit the use of stereo and multi-channel low impedance amplifiers in 100V/70V applications keeping the best sound quality and ensuring maximum power match and amplifiers load stability.

Every DLA model has been developed to match the following stereo and multi-channel amplifiers:
• DLA4-80: MPA4-80R, NXA4-80
• DLA6-80: MPA6-80R, NXA6-80
• DLA600: MPA4-150R, MPA6-150R, MPA4-400R, NXA4-200, NXA6-200, NXA4-400

Key Features

■ 2, 4 and 6 channel 100V / 70V line adaptors
■ Excellent frequency response for optimal audio performance even in the low frequencies band
■ Nominal input power handling (DLA4-80 and DLA6-80) : 80 W RMS @ 4 Ω
■ Nominal input power handling (DLA600) : 80/150/300 W RMS @ 4 Ω
■ EUROBLOCK INPUT and OUTPUT connectors
■ 1 RU

Main Technical Specifications	Dimensions	482.6 mm	266.65 mm	44 mm
	Weight DLA600	12 kg		
	Weight DLA4-80	8.4 kg		
	Weight DLA6-80	11.4 kg		

Accessories

■ N/A

Applications

■ Medium sized radio stations
■ General audio distribution/
  splitter applications in permanent
  installations

Telephone Line Adapter

ECLER ATA1-1R is a single telephone adapter, perfect for medium sized radio stations or any facility requiring impedance adaptation and galvanic insulation at the same time, to adapt line level signals to telephonic lines.

Key Features

■ 1 RU 19" Single line telephone adapter
■ TEL SET , STBY and ON AIR switch: conversation can be held either by telephone or by means of dedicated microphone connected to the mixer in use
■ Mixer signal level adjustment control
■ Telephone line impedance adjustment control
■ RJ11 SET and LINE telephone connectors
■ RCA connectors to and from mixer

Main Technical Specifications	Transm. Input sensitivity / impedance	-10 dB V / 15KΩ			
	Nominal transmission level / 600Ω	-10dBV			
	Adjust range	-20 to 0dBV			
	Mains	90-264VCA 47-63Hz			
	Dimensions/ Weight	482.6 mm	195 mm	44 mm	2.2 Kg

Accessories

■ N/A

Applications

■ Medium sized radio stations
■ General audio distribution/
splitter applications in permanent
installations

Audio Distribution Unit

ECLER DAC110E is a 1 RU, 19″ distribution amplifier and splitter-mixer unit. It is the perfect choice in installations where a single sound source must be broadcasted to different receivers adapting impedance values and levels.

Key Features

■ 1 RU 19″ Line level distribution amplifier
■ Dual operation mode 1 mono input, 10 mono outputs or 1 stereo input, 5 stereo outputs
■ 12dB INPUT gain control
■ CLIP indicator in all INPUTS and OUTPUTS
■ XLR INPUT and OUTPUT connectors
■ CUT switch in all OUPUTS

Main Technical Specifications				
	Input level/impedance	0 dBV/47 kΩ		
	Max. input level	+20 dBV		
	Output level/minimum load	0 dBV/600 Ω		
	Output impedance	75 Ω		
	Max. output level (with min. load)	20.2 dBV		
	Frequency response (-1dB)	2Hz - 95 kHz		
	Power consumption	19.8 VA		
	Dimensions/ Weight	482.6 mm	182 mm	44 mm

Accessories

■ N/A

WPPSU / REVO-IR

Applications
- Remote control panels DC supply
- Remote volume control

Remote Comtrol External Power Supply / IR Handheld Remote Control
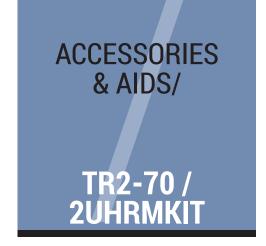
ECLER REVO-IR is an IR remote control including UP, DOWN and MUTE keys, for the voluem and MUTE control of compatible devices, like WPTOUCH, CA series and WPmVOL-IR.

ECLER WPPSU is an external, universal AC/DC converter for the DC supply of remote panels and devices. Compatible with all the WPm series panels requiring external DC power supply (except WPmSCREEN).

Main Technical Specifications	AC Mains input WPPSU	100-240 VAC
	Mains connector WPPSU:	Europlug type (fixed)
	Output voltage WPPSU	15VDC
	Output current WPPSU	0.8 A
	Batteries REVO-IR	2 x AAA

70 / 100V Transformer Kit / Rack Mount Kit
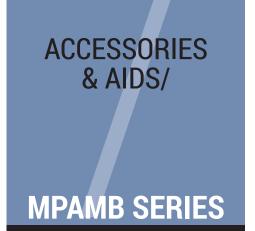
ECLER 2UHRMKIT is a kit that enables a half-width and 2U height rack device to be mounted into a standard width rack cabinet.
Compatible with the TR2-70 kit and the CA200z, HMA120, etc.
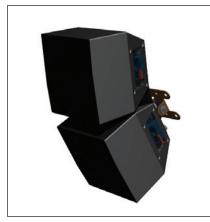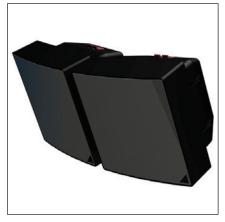
ECLER TR2-70 is a transformers kit including 2 transformers for the CA200z's amplified outputs' conversion: 4 Ω to 100V or 70V (high impedancie).
TR2-70 Kit is compatible with the optional 2UHRMKIT "in-rack" mounting accesory.

eAMBIT Series Mount Hardware

ECLER MP103AMB2 is a cluster hardware for 2 eAMBIT103 units.
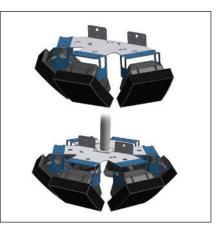
ECLER MP106AMB2 is a cluster hardware for 2 eAMBIT106 units.

ECLER MP103AMB4 is a cluster hardware for 4 eAMBIT103 units.

ECLER MP106AMB4 is a cluster hardware for 4 eAMBIT106 units.

ECLER MP106AMB3 is a cluster hardware for 3/6 eAMBIT106 units.

DSTANDAUDEO / MSTANDAUDEO

Desktop Stand for AUDEO Loudspeakers / Microphone Stand Adapter for AUDEO Loudspeakers
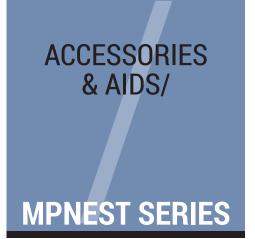
ECLER DSTANDAUDEO is a desktop stand for one AUDEO103 / AUDEO106 loudspeaker.
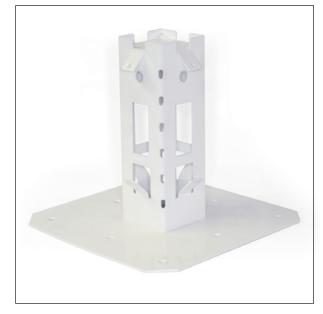
ECLER MSTANDAUDEO allows to mount an AUDEO loudspeaker on a standard microphone stand.

MPNEST SERIES

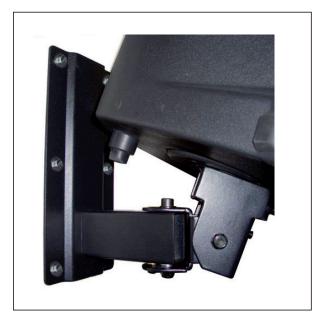# NEST Loudspeaker Mount Hardware

ECLER MP106NEST2 is a 2 NEST106 units wall mount bracket.
ECLER MP106NEST3 is a 3 NEST106 units corner mount bracket.

ECLER MP106NEST4 is a ceiling bracket for half sphere configurations (4 NEST106 units).

35 / 36 mm. Pole Loudspeaker Wall Bracket / Loudspeaker Ceiling Mount Hardware / 35 mm. Mount Pole

ECLER SR8 is a wall mount bracket for VERSO8, VERSO8P, VERSO10 and VERSO10P.

ECLER SR12 is a mount bracket for VERSO12, VERSO12P, ARQIS110 and ARQIS112 loudspeakers.

ECLER SRDA is a ceiling mount bracket for simple ceiling installation, compatible with ARQIS205 and ARQIS208.Facilitates direction of the loudspeaker. Available in black or white.
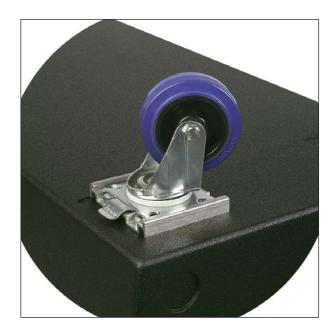

ECLER POLE01 is an adjustable 35 mm rod for pole for loudspeaker mount on top of a sub-woofer unit (ARQIS110 on top of ARQISSB15, VERSO series on top of VERSO SB115P, etc.).

Wheel Kit / CKL Series Mount Hardware

ECLER QRA + WH200 is an optional wheel kit for cabinet loudspeakers.

ECLER ADP is a cargo restraint double stud and ring for the CKL series.

ACCESSORIES
COMPATIBILITY
CHART

	DUO-NET PLAYER	eSAM series	SAM series	COMPACT series	MIMO54	DN44BOB	DAM614	MIMO88 / MIMO88SG	NXA series	ALMA series	MPA series	GPA series
WPmSCREEN	•	–	–	–	–	–	–	•	•	–	–	–
WPmVOL	–	–	–	–	•	•	•	•	•	•	•	•
WPmVOL-J	–	–	–	–	•	•	•	•	•	•	•	•
WPmVOL-SR	–	–	–	–	•	•	•	•	•	–	–	–
WPmVOL-SR-J	–	–	–	–	•	•	•	•	•	–	–	–
WPmVOL-IR	–	–	–	–	•	•	•	•	•	•	•	•
WPmCNX-XLRM	–	•	•	•	•	•	•	•	•	•	•	•
WPmCNX-XLRF	–	•	•	•	•	•	•	•	•	•	•	•
WPmCNX-JRCA	–	•	•	•	•	•	•	•	•	•	•	•
WPmH-AT3	–	–	–	–	–	–	–	–	(2)	–	(2)	–
WPmH-AT6	–	–	–	–	–	–	–	–	(2)	–	(2)	–
WPmH-AT100	–	–	–	–	–	–	–	–	(2)	–	(2)	–
WPmH-SL4	–	–	–	–	–	–	–	–	(2)	–	(2)	–
WPmMIX-T	–	•	•	•	•	•	•	•	•	•	•	•
WPTOUCH	–	–	–	•	–	–	–	•	•	•	•	•
WP-PSU	–	–	–	–	(3)	(3)	(3)	(3) (4)	(3)	(3)	(3)	(3)
REVO-IR	–	–	–	–	(3)	–	–	(3)	(3)	(3)	(3)	(3)
MPAGE1	–	•	•	•	•	•	•	•	•	–	–	–
MPAGE4	–	–	–	•	–	•	•	•	–	–	–	–
MPAGE16	–	–	–	–	–	–	–	•	–	–	–	–
TR2-70	–	–	–	–	–	–	–	–	–	–	–	–
DLA series	–	–	–	–	–	–	–	–	°	–	°	°
2UHRMKIT	–	–	–	–	–	–	–	–	–	–	–	–
SR8	–	–	–	–	–	–	–	–	–	–	–	–
SR12	–	–	–	–	–	–	–	–	–	–	–	–
SRDA	–	–	–	–	–	–	–	–	–	–	–	–
WH200	–	–	–	–	–	–	–	–	–	–	–	–
QRA	–	–	–	–	–	–	–	–	–	–	–	–
ADP	–	–	–	–	–	–	–	–	–	–	–	–
POLE01	–	–	–	–	–	–	–	–	–	–	–	–
MP AMB hardware	–	–	–	–	–	–	–	–	–	–	–	–
MP NEST hardware	–	–	–	–	–	–	–	–	–	–	–	–
NUORAKI hardware	–	–	–	–	–	–	–	–	–	–	–	–

(1) When including ALMAcard module
(2) When including DLA module
(3) When including WPTOUCH or WPmMIX-T
(4) When including MPAGE16

• Full compatible
° Compatible with some models (check particular model)
– Not compatible

	DPA series	HZA series	HSA series	HMA series	CA series	eCA series	ARQIS series	VERSO series	CKL-T series	DPC 118	eAMBIT series	NEST series	NUO series
WPmSCREEN	–	–	–	–	–	–	–	–	–	–	–	–	–
WPmVOL	(1)	•	°	•	•	•	–	–	–	–	–	–	–
WPmVOL-J	(1)	•	°	•	•	•	–	–	–	–	–	–	–
WPmVOL-SR	–	–	–	°	•	–	–	–	–	–	–	–	–
WPmVOL-SR-J	–	–	–	°	•	–	–	–	–	–	–	–	–
WPmVOL-IR	(1)	•	–	•	•	•	–	–	–	–	–	–	–
WPmCNX-XLRM	•	•	•	•	•	•	–	–	–	–	–	–	°
WPmCNX-XLRF	•	•	•	•	•	•	–	–	–	–	–	–	°
WPmCNX-JRCA	•	•	•	•	•	•	–	–	–	–	–	–	°
WPmH-AT3	–	•	•	•	°	°	–	–	–	–	–	–	–
WPmH-AT6	–	•	•	•	°	°	–	–	–	–	–	–	–
WPmH-AT100	–	•	•	•	°	°	–	–	–	–	–	–	–
WPmH-SL4	–	•	•	•	°	°	–	–	–	–	–	–	–
WPmMIX-T	•	•	•	•	•	•	–	–	–	–	–	–	°
WPTOUCH	(1)	•	–	•	•	•	–	–	–	–	–	–	–
WP-PSU	(3)	(3)	–	(3)	(3)	(3)	–	–	–	–	–	–	–
REVO-IR	(3)	(3)	–	(3)	(3)	(3)	–	–	–	–	–	–	–
MPAGE1	–	–	–	•	•	–	–	–	–	–	–	–	–
MPAGE4	–	–	–	–	°	–	–	–	–	–	–	–	–
MPAGE16	–	–	–	–	–	–	–	–	–	–	–	–	–
TR2-70	–	–	–	–	°	–	–	–	–	–	–	–	–
DLA series	°	–	–	–	–	–	–	–	–	–	–	–	–
2UHRMKIT	–	–	–	°	°	–	–	–	–	–	–	–	–
SR8	–	–	–	–	–	–	–	°	–	–	–	–	–
SR12	–	–	–	–	–	–	°	°	–	–	–	–	–
SRDA	–	–	–	–	–	–	°	–	–	–	–	–	–
WH200	–	–	–	–	–	–	–	°	–	•	–	–	–
QRA	–	–	–	–	–	–	–	°	–	•	–	–	–
ADP	–	–	–	–	–	–	–	–	–	–	°	–	–
POLE01	–	–	–	–	–	–	°	°	–	–	–	–	–
MP AMB hardware	–	–	–	–	–	–	–	–	–	–	°	–	–
MP NEST hardware	–	–	–	–	–	–	–	–	–	–	–	•	–
NUORAKI hardware	–	–	–	–	–	–	–	–	–	–	–	–	°

(1) When including ALMAcard module
(2) When including DLA module
(3) When including WPTOUCH or WPmMIX-T
(4) When including MPAGE16

• Full compatible
° Compatible with some models (check particular model)
– Not compatible

ALPHABETICAL ORDER PRODUCTS

ENERGY CONSERVATION

- **Ecler maximises energy conservation by utilising SPM Technology** (patented by ECLER) in our amplifiers. Switching Power Mosfet technology is more efficient (73%) than bipolar transistors and conventional mosfets. The benefit of SPM technology is that most of the consumed power is converted into real audio power and less energy is wasted (via heat & processing)

HIGHER EFFICIENCY

- **Ecler ensures higher efficiency** (more than 90%), **lower weight** (30% average) and **smaller heatsinks** (6 times smaller) by using **class D** amplification technology (Pulse Width Modulation), both in the stand-alone format devices and our integrated self-powered speakers and mixers
- **Higher efficiency** (up to 92%) by using **Power Factor Correction** (PFC) in many of our digital amplifiers. Few audio manufacturers integrate PFC in their products
- All the above technologies applied to Ecler's products have two immediate **environmental advantages**:
  - The amplifier's **power consumption** is significantly reduced
  - The **air conditioning power** required to keep an installation in proper working conditions is also **reduced**

ENERGY SAVING

- **Energy saving during the transportation** thanks to the **ultra-light weight** and **compact sizes** of the latest generations of amplifiers
- Many of Ecler's products include the **Auto Standby function**, which again drastically reduces the power consumption (usually bellow 3 Watts), in this case during the periods the device is not utilizing full functionality

NO CONTAMINANT COMPONENTS

- Ecler **avoids the use of contaminant components and ensures recycling** benefits are realised after the product lifetime, fulfilling **ROHS** (Restriction of Hazardous Substances) and **WEEE** (Waste Electrical and Electronic Equipment) regulations
- Ecler enforces **careful selection and disposal procedures of the electronic waste** in all our production processes to guarantee minimal environmental impact

RECYCLED MATERIAL

- Ratio of **recycled material in packaging is 70%.** This 70% recycled carton ratio ensures that the final result fulfils our drop & transportation test standards: Although recycled carton is weaker than fibre based products, we insist on the maximum % of recyclable material while still ensuring the packing endurance target. Apart from this ratio, our outer carton packing is always **100% recyclable** at the end of its use
- Our packaging providers have raw material suppliers that follow a **sustainability policy** to help ensure that the **total forest surface in Europe grows** every year

GREEN FACTS

Environmentally Sustainable AV

ecler
Sound experience Barcelona 1965

196

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