Ⓦ ECLER

PRODUCT GUIDE 2017

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.

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)

H&M (HUNGARY)

PIERRE CARDIN WARSAW

BRIAN & BARRY
(ITALY)

GUESS

UNITED COLORS OF BENETTON

BENETTON
(SPAIN)

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.
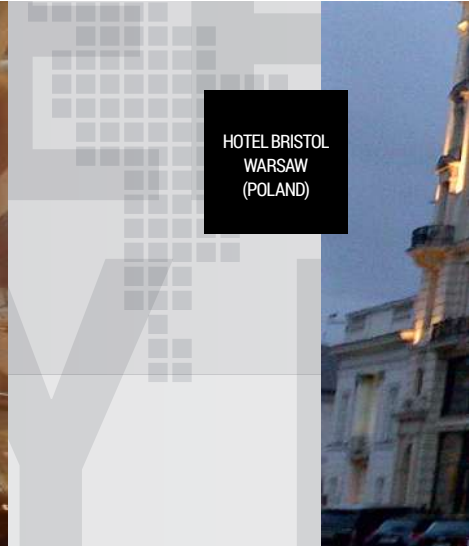
LE FOUQUET
PARIS
(FRANCE)

RAFFLES HOTEL
(TURKEY)

HOTEL BRISTOL
WARSAW
(POLAND)

HOTEL SHERATON
(TURKEY)

GREEN PARK PENDIK HOTEL
(TURKEY)

HOTEL BERBERYS
(POLAND)

HOTEL GENERATOR
(SPAIN)

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)

ESCOLA DA ASSOCIAÇAO GERAL DAS MULHERES DE MACAU (CHINA)

PRIMULATOR TRAINING CENTRE (POLAND)

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)
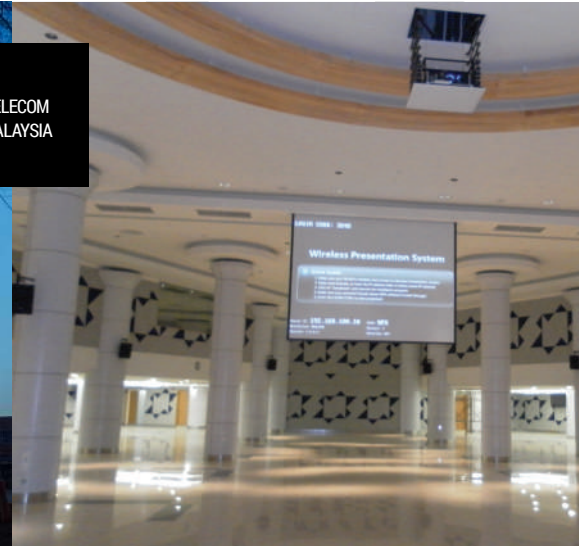
EUROPEAN COUNCIL BRUSSELS (BELGIUM)

GIUGIARO SHOWROOM (ITALY)

KASTEEL KEVERBERG (NEDERLANDS)

TELECOM MALAYSIA

SSE CHERNOBYL NPP CONFERENCE HALL (UKRAINE)

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)

CERCLE
NAGEURS
MARSELLE
(FRANCE)

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.
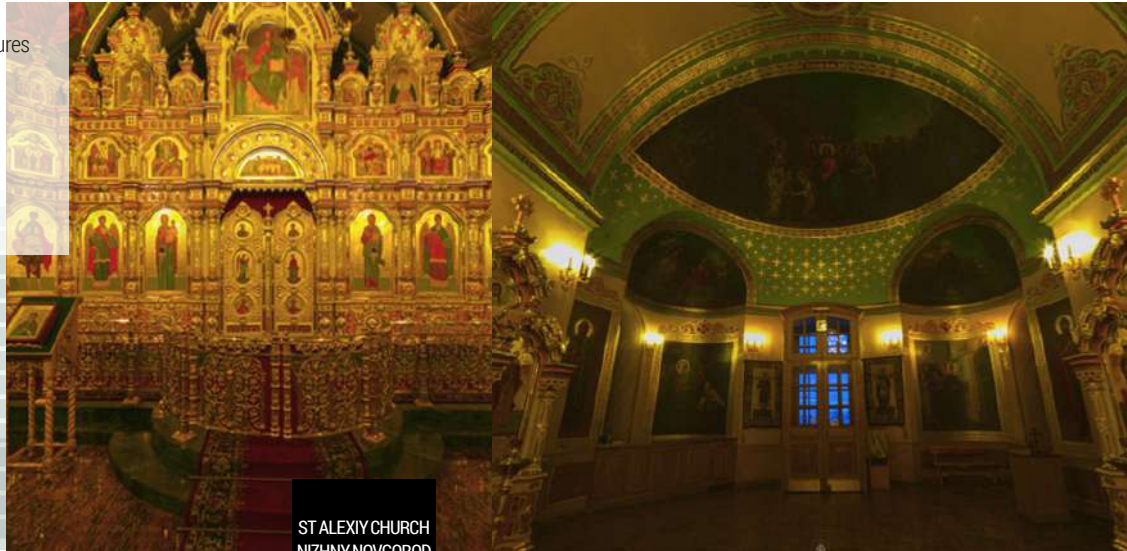
ST ALEXIY CHURCH NIZHNY NOVGOROD (RUSSIA)
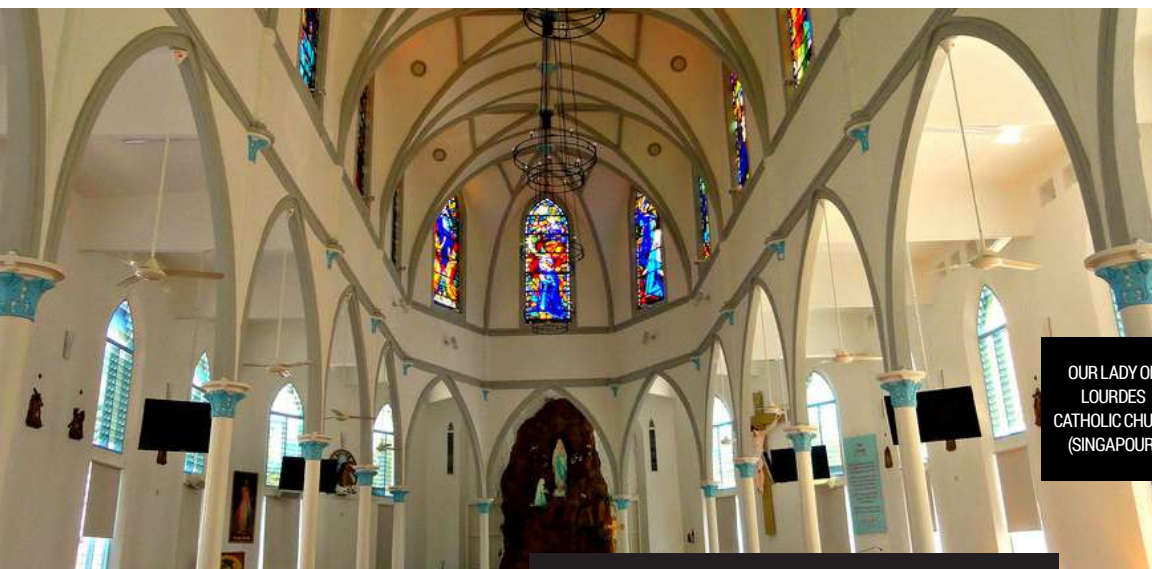
OUR LADY OF LOURDES CATHOLIC CHUCH (SINGAPOUR)

LEISURE/

BUDHA BAR
(MARRAKECH)

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.

OCEANOGRÁFICO
(CIUDAD
DE LAS ARTES)
(SPAIN)

HAUBENTAUCHER
BERLIN
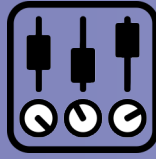(GERMANY)

MAYBACH
MUSEUM
(GERMANY)

INDEX/

1.1

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

1.2

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...

APPLICATIONS

- Live music
- Speech

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 and 6 metres XLR-Jack cable.

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.

eMHH1

eMHH2

KEY FEATURES

eMHH1:
- Cardioid polar pattern
- Robust design
- ON/OFF Switch
- XLR standard connection

eMHH2:
- Cardioid polar pattern
- Robust design
- XLR standard connection

	eMHH1	eMHH2
Polar Pattern	Cardioid	Cardioid
Frequency Response	50 Hz - 14 kHz	50 Hz - 15 kHz
Others	ON / OFF Switch	-
Weight	246 g.	275 g.
Accessories Included	XLR - Jack 6m Cable + Stand Adapter	Transport bag + Stand Adapter
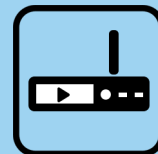
APPLICATIONS

■ Conferencing
■ Voice messages
■ Speech

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.

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.

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.

eMCN1 + eMBASE

eMCN2 + eMBASE

KEY FEATURES

eMCN1 / eMCN2 / eMBASE:
■ Cardioid polar pattern
■ XLR standard connection

	eMCN1 / eMCN2	eMBASE
Polar Pattern	Cardioid	-
Frequency Response	50 Hz - 16 kHz	-
Others	Phantom Power : 18 - 48V	Phantom Power : 18 - 48V
Dimensions	H: 350mm	H 45mm L:140mm W 110mm
Accessories Included	Anti-pop wind-screen	

ecler essentials

APPLICATIONS

- ■ Conferencing
- ■ Education
- ■ TV / Radio
- ■ Events
- ■ Speech

eMICFIT:
- ■ Sports
- ■ Fitness

eMHS1BG is a headset condenser mini-microphone in beige colour and with a very light and comfortable format for the user. It includes 3 different connectors: mini-XLR 4-pin, mini-XLR 3pin and mini-jack, compatible with the eMWE UHF wireless beltpack unit. It includes anti-pop wind-screen cover and transport case.

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..

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.

eMHS1BG

eMICFIT

eMHS1BG

eMLV1

KEY FEATURES

eMHS1BG / eMICFIT:
- ■ Omnidirectional polar pattern
- ■ 3 different connectors: mini-XLR 4-pin, mini-XLR 3pin and mini-jack (eMHS1BG)

eMLV1:
- ■ Cardioid polar pattern
- ■ Mini-XLR 4 pin connector

	eMHS1BG / eMICFIT	eMLV1
Polar Pattern	Omnidirectional	Cardioid
Frequency Response	50 Hz - 16 kHz	50 Hz - 16 kHz
Others	Phantom Power: 1.5 - 9V	Phantom Power: 1.5 - 9V
Weight	19g. / 45g.	19g.
Accessories Included	Anti-pop wind-screen + Transport bag	Anti-pop wind-screen

ecler
essentials

Wireless Systems

APPLICATIONS

- Conferencing
- Education
- TV / Radio
- Events
- Speech

eMWR is a wireless UHF microphone receiver, compatible with the eMWE (beltpack) and eMWH (handheld) microphone transmitters. It includes power supply, rack-mount kit, antennas and unbalanced jack-jack cable.

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

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

eMWR

eMWE

eMWR

eMWH

KEY FEATURES

eMWR:
- UHF microphone receiver
- Compatible with the eMWE (beltpack) and eMWH (handheld) microphone transmitters

eMWH / eMWE:
- UHF microphone transmitters
- Compatible with the eMWR wireless UHF microphone receiver
- Includes transport bag
- Battery: 2xAA (not included)

	eMWR	eMWE	eMWH
Carrier Frequency	UHF: 823 - 832MHz		
Output Power	-	30 mW / 3 mW	30 mW / 3 mW
Frequency Response	50 Hz - 16 kHz		
Others	HXLR + jack output (bal. / unbal.)	Battery: 2 x AA (not included)	Battery: 2 x AA (not included)
Accessories Included	AC adapter + rack-mount kit + antennas + unbal. Jack-jack cable	Transport bag	Transport bag

ecler essentials

ready, steady... PLAY!!!

DUO-NET PLAYER and *ePLAYER1*

NEW AUDIO PLAYERS AND STREAMING RECEIVERS

FROM **ECLER**

ePLAYER1
▶ Single stereo audio player
▶ USB/SD local storage playback and Internet streams receiver
▶ DLNA and Airplay® support (receiver)
▶ Ethernet and WiFi network interfaces included

DUO-NET PLAYER
▶ 2 independent stereo audio players, including EclerNet compatibility: User Control Panels, TP-NET integration protocol, priorities, events, scheduling, etc.
▶ USB/SD local storage and LAN media playback
▶ Internet streams receiver

www.ecler.com

ecler
Sound experience Barcelona 1965

Audio Players

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

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.

eSAS-BT is a stereo audio source including FM tuner, USB slot, SD slot and Bluetooth connection. It performs unbalanced and balanced stereo audio outputs and headphones output (jack) with volume control in frontal panel. IR remote control, FM antenna, 2x RCA cables and rack-mount bracket included.

ePLAYER1

ePLAYER1

eSAS-BT

eSAS-BT-controller

KEY FEATURES

ePLAYER1:

- 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

eSAS-BT:

- Audio player with Bluettoth
- USB, SD, FM tuner and Bluetooth connection
- 2xRCA unbalanced output (stereo)
- 2xXLR balanced output (stereo)
- Accessories included

	ePLAYER1	eSAS-BT
Audio Outputs	1 x stereo unbalanced, LINE level, RCA type + minijack	1 x stereo unbal. + 1 x stereo bal.
Communication Interfaces	1 x Ethernet (RJ45), 1 x WiFi, 2 x GPI (0-10 VDC)	-
Local Media	USB, SD/SDHC	USB, SD, FM tuner, Bluettoth conection, 2x AUX inputs
Others	RTC included, 120 hours aprox.	IR remote control, FM antenna, 2x RCA cables and rack-mount bracket included.
Dimensions	241mm x 44mm x 152mm (1/2 RU)	1RU x x 132mm depth / 1,4 kg.

ACCESSORIES

ePLAYER1:
- 1UHRMKIT

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

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.

DUO-NET PLAYER

DUO-NET PLAYER

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
- Integrated RTC (Real-Time Clock) and NTP (Network Time Protocol) synchronization, for scheduled events triggering
- IR remote control for basic end-user control
- Priority media (emergency, advertising, etc.) over program audio

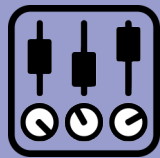|	DUO-NET PLAYER
Audio Outpus	2 x stereo balanced, LINE level, Euroblock type
Communication Interfaces	1 x Ethernet (RJ45), 1x RS-232 (DB9), 4 x GPI (Euroblock)
Local Media	USB, SD/SDHC
Remote Control	Included IR type, 35 keys
Dimensions	482mm x 44mm x 250mm (1 RU)

ACCESSORIES

- WPmSCREEN

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.

2.2

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

APPLICATIONS

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

They include 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.

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.

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.

eSAM402

eSAM402

eSAM702

eSAM702

KEY FEATURES

eSAM402:

- 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

eSAM702:

- 7 input channels, 2 outputs 19" installation mixer
- 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

TECHNICAL CHARACTERISTICS

	eSAM402	eSAM702
Inputs	3 MIC/ST LINE + 1 ST LINE	6 MIC/ST LINE + 1 ST LINE
Outputs	1 MAIN ST + 1 AUX/REC	1 MAIN ST + 1 AUX/REC
Tone control	Bass, mid & treble (mix)	Bass, mid & treble (mix)
Remote control	MUTE contact	MUTE contact
Dimensions / Weight	1RU x 120mm depth / 1,7 kg.	1RU x 120mm depth / 1,8 kg.

ACCESSORIES

- MPAGE1
- WPmMIX-T
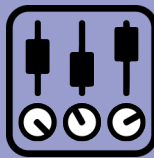
Installation Analogue Mixers

APPLICATIONS

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

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.

eSAM603

eSAM603

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

TECHNICAL CHARACTERISTICS

	eSAM603
Inputs	4 MIC/ST LINE + 1 MIC + 1 ST LINE
Outputs	1 MAIN ST/ 2 MONO (selectable) + 1 MONO
Tone control	Bass, mid & treble (per mix)
Remote control	MUTE contact
Dimensions / Weight	1RU x 195mm depth / 2,1 kg.

ACCESSORIES

- MPAGE1
- WPmMIX-T
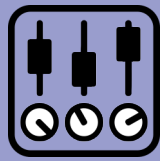
APPLICATIONS

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

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.

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.

SAM612T is an installation audio mixer in standard rack format, featuring 6 MIC/LINE ST inputs + 1 ST MIX input and 2 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.

SAM312

SAM412T

SAM612T

SAM612T

KEY FEATURES

SAM312:
- 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
- Triple tone control (accessible only with screwdriver)
- 2 stereo outputs
- 2 additional stereo REC outputs (REC1, REC2)
- Mono mode pushbutton
- Headphones general MIX monitoring
- Remote MUTE control

SAM412T / 612T:
- 4 (SAM412T) / 6 (SAM612T) input channels, 2 main outputs 19" installation mixers
- 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
- Remote MUTE control
- Mono/stereo switch

	SAM312	SAM412T	SAM612T
Inputs	3 MIC/ST	4 MIC/ST LINE + 1 LOW LINE	6 MIC/ST LINE + 1 ST MIX
Outputs	2 MAIN ST + 2 REC + 1 Headphones	2 MAIN ST + 1 REC	1 MAIN ST + 1 AUX/REC
Tone control	Bass, mid & treble (mix)	Bass, mid & treble (per input)	Bass, mid & treble (per input)
Remote control	MUTE contact	MUTE contact	MUTE contact
Dimensions / Weight	1RU x 195mm depth / 2,4 kg.	1RU x 195mm depth / 2,4 kg.	1RU x 195mm depth / 2,0 kg.

ACCESSORIES

- MPAGE1
- WPmMIX-T
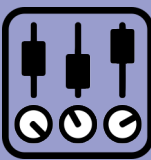
Installation Analogue Mixers

APPLICATIONS

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

COMPACT5 is a versatile laptop and 19" installation mixer, especially targeted to both non technical and expert users. Includes 6 ST LINE inputs, 3 MIC inputs and 2 PHONO/LINE inputs.

COMPACT8 is a versatile laptop and 19" installation mixer, especially targeted to both non technical and expert users. Includes 12 ST LINE inputs, 8 MIC inputs and 3 PHONO/LINE inputs.

COMPACT5
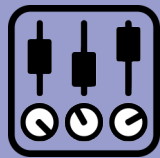
COMPACT8

KEY FEATURES

COMPACT5:

- Universal 5 channel laptop and 19" installation rack mixer
- 6 LINE inputs, 3 MIC inputs, 2 PHONO/LINE 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

COMPACT8:

- Universal 8 channel laptop and 19" installation rack mixer
- 3 PHONO/LINE inputs
- 11 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

	COMPACT5	COMPACT8
Channels	5 with independent gain & 45mm fader	8 with independent gain & 45mm fader
Inputs	6 ST LINE + 3 MIC + 2 PHONO/LINE	12 ST LINE + 8 MIC + 3 PHONO/LINE
Outputs	2 MAIN ST + 1 REC + 1 Headphones	2 MAIN ST + 1 REC + 1 Headphones
Tone control	Bass, mid & treble (per channel)	Bass, mid & treble (per channel)
Dimensions / Weight	3RU x 200mm depth / 3,7 kg.	4RU x 221,6mm depth / 5,2 kg.

APPLICATIONS

- Pubs
- Night Clubs
- Mobile Shows
- Fitness Centres

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

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

NUO 2.0

NUO 3.0

KEY FEATURES

NUO 2.0:
- 2 mixing channels
- 1 MICRO/LINE channel
- 2 PHONO inputs
- 3 LINE inputs
- Master output XLR and RCA

NUO 3.0:
- 3 mixing channels
- 3 PHONO inputs
- 3 LINE inputs
- 1 balanced XLR Microphone input
- Master output XLR and RCA

	NUO 2.0	NUO 3.0
Channels	2 with independent gain & 45mm fader	3 with independent gain & 60mm fader
Inputs	2 PHONO/LINE + 1 MIC/LINE	2 PHONO/LINE + 1 PHONO/LINE/MIC
Outputs	1 MASTER + 1 BOOTH + 1 REC	1 MASTER + 1 BOOTH + 1 REC
Tone control	Bass, mid & treble (per channel)	Bass, mid & treble (per channel)
Dimensions / Weight	HxLxD (mm): 370x165x80 / 3,0 kg.	HxLxD (mm): 370x224x80 / 3,6 kg.

ACCESSORIES

Serie NUO:
- NUORAKI
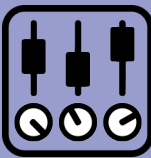
DJ Mixers

APPLICATIONS

- Pubs
- Night Clubs
- Mobile Shows
- Fitness Centres

NUO 4.0 is a 4 channel analogue mixer addressed to the professional DJ of any kind, in despite of the mixed music style.

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.

NUO 4.0

HAK 360

KEY FEATURES

NUO 4.0:
- 4 mixing channels
- 4 Phono and 4 Line inputs
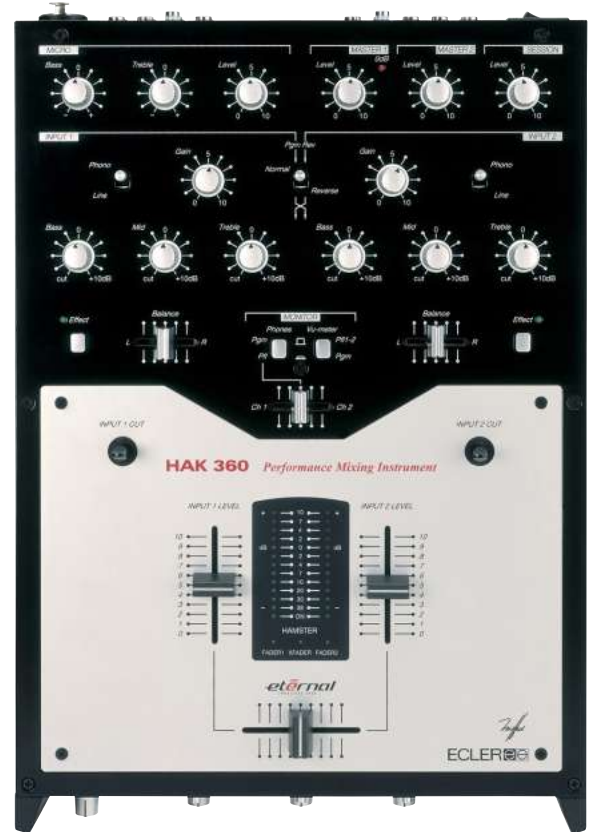- 2 balanced XLR Microphone inputs
- Master output XLR and RCA

HAK 360:
- 2 mixing channels
- 2 PHONO/LINE channel
- 1 MICRO input
- 2 Main outputs XLR and RCA with independent gain

	NUO 4.0	HAK 360
Channels	4 with independent gain & 60mm fader	2 with independent gain & 45mm fader
Inputs	2 PHONO/LINE + 2 PHONO/LINE/MIC	2 PHONO/LINE + 1 MIC
Outputs	1 MASTER + 1 BOOTH + 1 REC	2 MASTER
Tone control	Bass, mid & treble (per channel)	Bass, mid & treble (per channel) + bass & treble (MIC input)
Dimensions / Weight	HxLxD (mm): 370x320x80 / 4,8 kg.	HxLxD (mm): 265x369x80 / 4,3 kg.

DIGITAL MATRIXES AND PROCESSORS / DIGITAL 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 MATRIXES AND PROCESSORS / DIGITAL AUDIO MANAGERS

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 MATRIXES AND PROCESSORS/ 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.
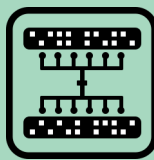
Digital Mixer

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.)

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.

DAM614

DAM614

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

	DAM614
Inputs	2 ST LINE + 4 MIC/LINE
Outputs	4 Bal. (Euroblock)
Communication Interfaces	1 RS232 (EclerCOMM & CA-NET)
Remote control	4 RJ45 ports (0-10VDC) + 1 MUTE
Dimensions / Weight	1RU x 120mm depth / 2,0 kg.

## ACCESSORIES

- MPAGE4
- WPm Series

Digital Matrix

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

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.

MIMO88

MIMO88
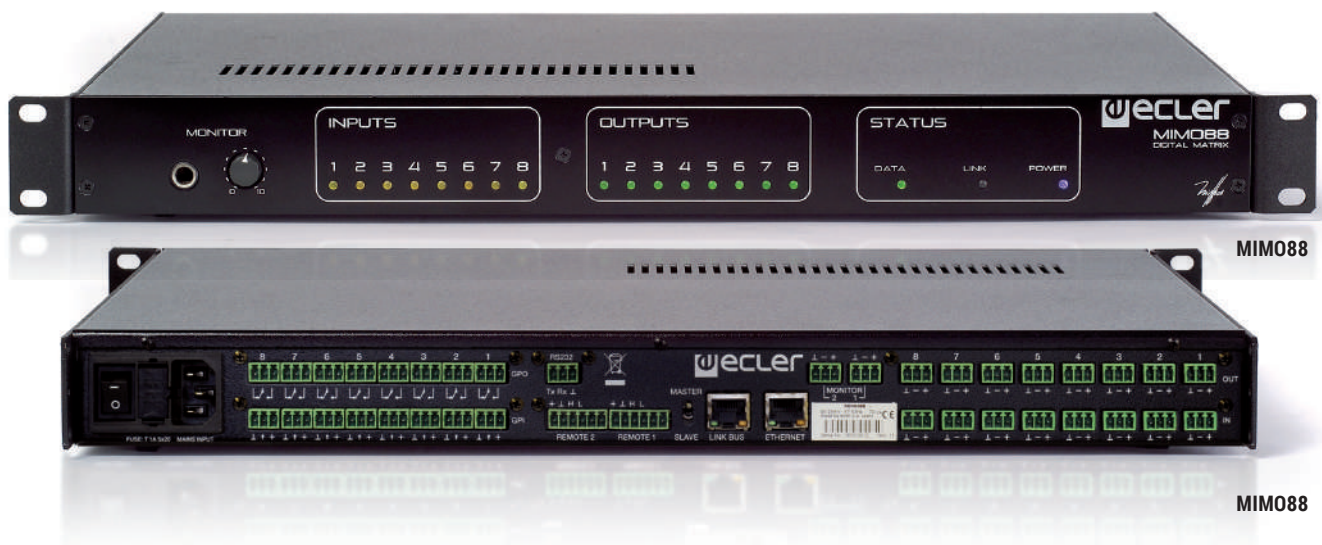
KEY FEATURES

- 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

	MIMO88
Inputs	8 MIC/LINE Bal. (Euroblock)
Outputs	8 Bal. (Euroblock) + 2 Monitor (Euroblock)
Communication Interfaces	1 Ethernet + 1 RS232
Remote control	8 GPI + 8 GPO + 2 Digital control bus
Dimensions / Weight	1RU x 266,5mm depth / 3,5 kg.

ACCESSORIES

- MPAGE16
- WPTOUCH
- WPm Series
- WPmSCREEN

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

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.

MIMO88SG

MIMO88SG

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

	MIMO88SG
Inputs	8 MIC/LINE Bal. (Euroblock)
Outputs	8 Bal. (Euroblock)
Communication Interfaces	1 Ethernet + 1 RS232
Remote control	8 GPI + 1 Digital control bus
Dimensions / Weight	1RU x 266,5mm depth / 3,5 kg.

ACCESSORIES

- MPAGE16
- WPTOUCH
- WPm Series
- WPmSCREEN
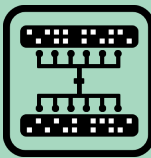
Digital Matrix

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

MIMO1212SG (MIMO1212 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 (12x12) of this acclaimed digital matrix.

MIMO1212SG

MIMO1212SG

KEY FEATURES

- 12x12 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
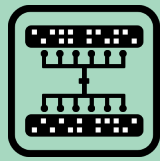
	MIMO1212SG
Inputs	12 MIC/LINE Bal. (Euroblock)
Outputs	12 Bal. (Euroblock)
Communication Interfaces	1 Ethernet + 1 RS232
Remote control	8 GPI + 1 Digital control bus
Dimensions / Weight	1RU x 266,5mm depth / 3,5 kg.

ACCESSORIES

- MPAGE16
- WPTOUCH
- WPm Series
- WPmSCREEN

DIGITAL MATRIXES/
MIMO 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

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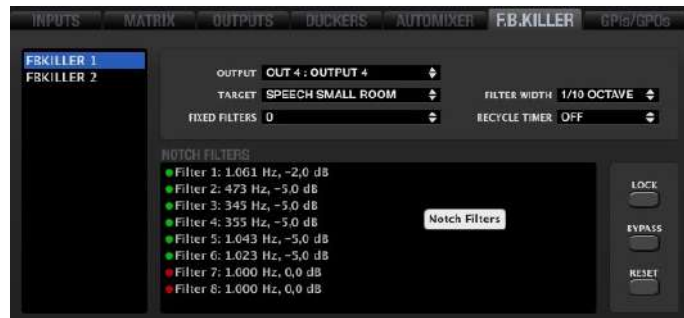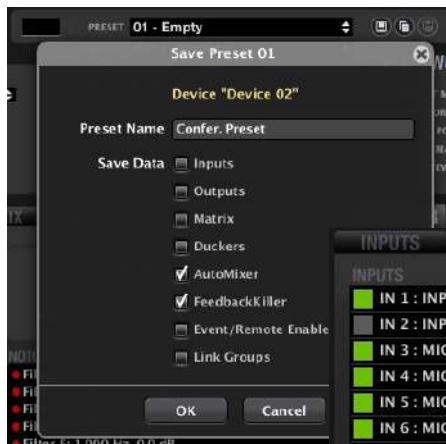
MIMO CONFERENCE

KEY FEATURES

- 8x8 configuration: up to 4 independent output mixes & 4 auxiliary outputs (MIMO88, MIMO88SG)
- 12x12 configuration: up to 6 independent output mixes & 6 auxiliary outputs (MIMO1212SG)
- 16x16 configuration: up to 8 independent output mixes & 8 auxiliary outputs (MIMO88)
- 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
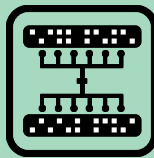
DANTE Digital Interface

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

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.

DN44BOB

DN44BOB
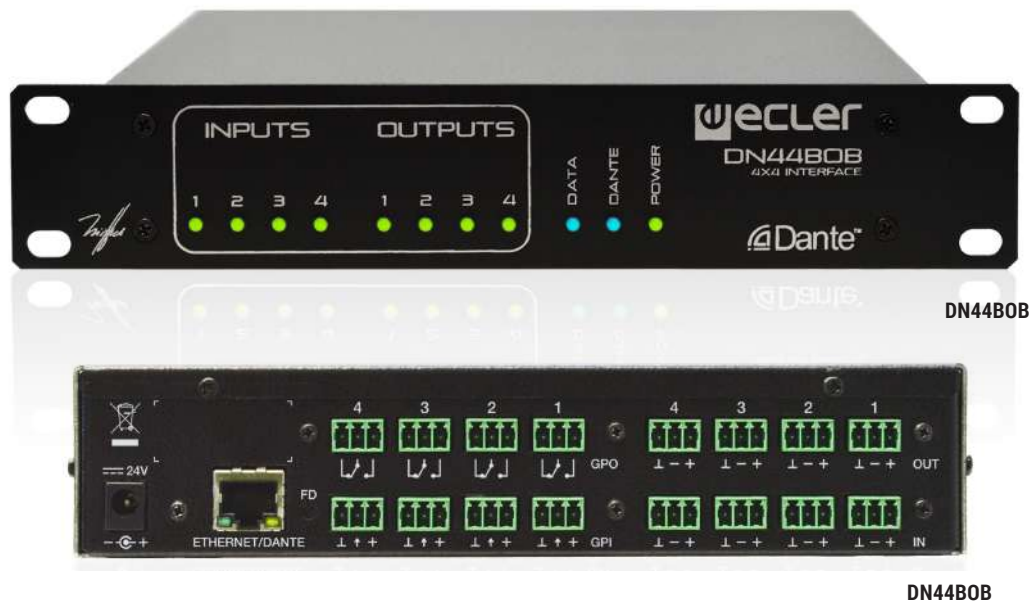
KEY FEATURES

- 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

|	DN44BOB
Inputs	4 MIC/LINE Bal. (Euroblock)
Outputs	4 Bal. (Euroblock)
Communication Interfaces	1 Ethernet (Dante audio & EclerNet)
Remote control	4 GPI + 4 GPO
Dimensions / Weight	1/2 RU x 152mm depth / 1,1 kg.

ACCESSORIES

- WPm Series
- PUM3

NXA SERIES

POWERED DIGITAL AUDIO MANAGER

You never thought about **an all-in-one solution...** until you really need it!

NXA6-200 POWERED DIGITAL AUDIO MANAGER — ecler

1 2 3 4 5 6
0 10 · LEVEL

OUTPUT
CH1 CH2 CH3 CH4 CH5 CH6
PROT. PROT. PROT. PROT. PROT. PROT.
SP CLIP SP CLIP SP CLIP SP CLIP SP CLIP SP CLIP

noiseless TECHNOLOGY

DATA POWER

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.)

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NXA4-80 / NXA4-200 / NXA4-400 / NXA4-700
Powered Digital Audio Managers
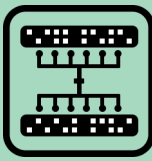
APPLICATIONS

- 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

NXA (4 channels) es un gestor digital autoamplificado de 4 canales, un híbrido entre una matriz digital y un amplificador multicanal. Una completa solución de audio "todo en uno" que ofrece múltiples opciones de control remoto y una larga lista de prestaciones.

NXA4-80

NXA4-400

NXA4-200

NXA4-700

KEY FEATURES

- 4 analogue audio inputs x 4 powered audio outputs
- 4 GPI ports
- Models: 80/200/400/700 W per channel
- 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.)

	NXA4-80	NXA4-200	NXA4-400	NXA4-700
1 channel @ 4Ω (RMS)	85W	202W	416W	730W @ 4Ω/ 1200W @ 2Ω
1 channel @ 8Ω (RMS)	51W	121W	230W	406W
All channels @ 4Ω (RMS)	66W	168W	330W	530W
2 bridged channels @ 8Ω (RMS)	160W	383W	760W	1180W @ 8Ω / 2070W 4Ω
Dimensions / Weight	2RU x 373mm depth / 8,6 kg.	2RU x 373mm depth / 11,1 kg.	2RU x 373mm depth / 15,6 kg.	2RU x 423mm depth / 19,0 kg.

ACCESSORIES

- WPm Series
- WPmSCREEN

DIGITAL AUDIO MANAGERS/
NXA6-80 / NXA6-200

Powered Digital Audio Managers

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

NXA (6 channels) is a 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.

NXA6-80

NXA6-200

NXA6-80

NXA6-200

KEY FEATURES

- 6 analogue audio inputs x 6 powered audio outputs
- 6 GPI ports
- Models: 80/200 W per channel
- 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.)
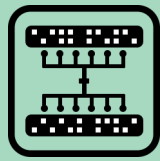
	NXA6-80	NXA6-200
1 channel @ 4Ω (RMS)	84W	218W
1 channel @ 8Ω (RMS)	49W	126W
All channels @ 4Ω (RMS)	65W	163W
2 bridged channels @ 8Ω (RMS)	158W	399W
Dimensions / Weight	2RU x 373mm depth / 10,2 kg.	2RU x 423mm depth / 12,9 kg.

ACCESSORIES

- WPm Series
- WPmSCREEN
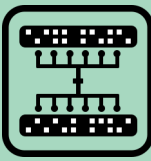
NXA Software

APPLICATIONS

■ Sound Pressure Level Limiter/Controller

NXA4BC (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.
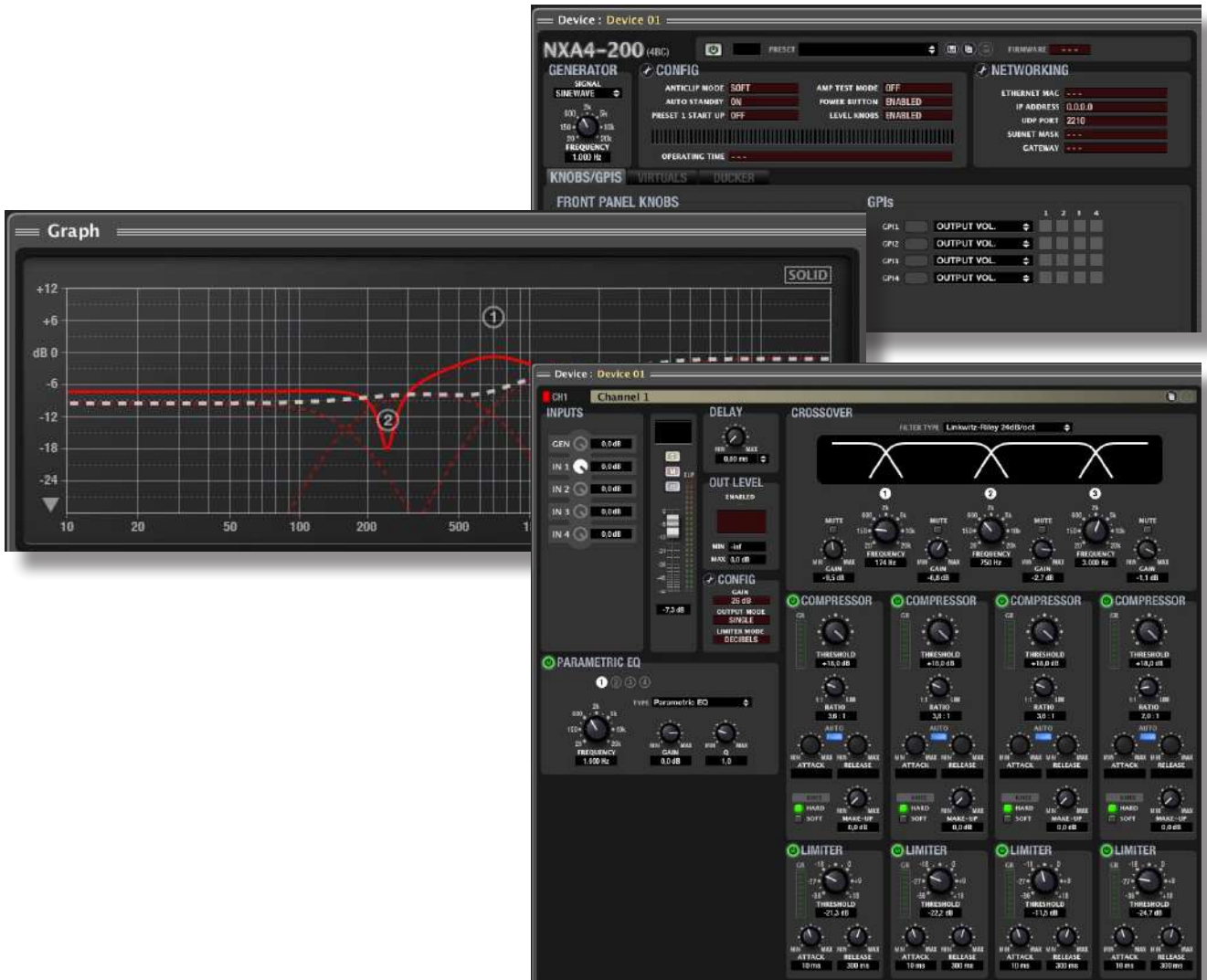
NXA4BC

KEY FEATURES

■ Compatible with any NXA hardware unit model (4 or 6 channels)
■ Each output channel includes 4 independent frequency bands processing, including adedicated 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)

APPLICATIONS

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

ALMA24 and 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).

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

ALMA24 / ALMA Card

ALMA26

ALMA26

KEY FEATURES

ALMA 24 / ALMA Card:
- 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)

ALMA 26:
- 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)

	ALMA Card	ALMA24	ALMA26
Inputs	2 Internal	2 XLR	2 XLR
Outputs	2 Internal + 2 Jack	4 XLR	6 XLR
Remote control	2 GPI	2 GPI	2 GPI
Front panel control	No	No	Yes
Dimensions / Weight	DPA´s card bay	1RU x 120mm depth / 1,8 kg.	1RU x 120mm depth / 1,8 kg.

ACCESSORIES

- WPmVOL

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/
HIGH IMPEDANCE

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/
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/
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.

APPLICATIONS

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

eLPA is a stereo amplifier series delivering 350/650/950/1400 W. eLPA series brings all the classic, well-known reliability and amplification quality of ECLER to a new light-weight format that is versatile and affordable. eLPA2-350 features an internal crossover.
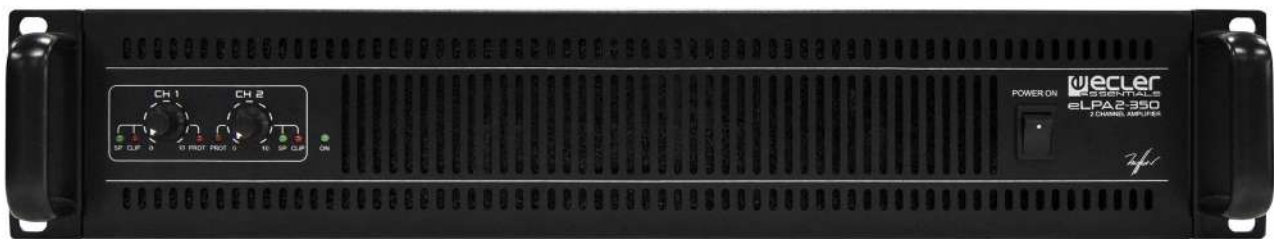
eLPA2-350

eLPA2-350

KEY FEATURES

- 2 analogue audio inputs x 2 powered audio outputs
- Ultra light technology
- Built-in crossover filter (eLPA2-350)
- Efficient progressive ventilation system
- Rotary input attenuation controls that are easily accessible on the front panel
- POWER ON, SIGNAL, CLIP y PROTECT LED indicators
- Efficient short-circuit, overheat and DC signal protection system
- Permanently activated built-in anti-clip circuit
- Balanced inputs via XLR3 connectors
- Amplified outputs with terminal-type connectors and Speakon® connectors

eLPA2-650

eLPA2-950

eLPA2-1400

	eLPA2-350	eLPA2-650	eLPA2-950	eLPA2-1400
1 channel @ 4Ω (RMS)	345W	630W	950W	1400W
1 channel @ 8Ω (RMS)	200W	340W	500W	770W
All channels @ 4Ω (RMS)	280W	610W	920W	1300W
Internal crossover	Yes	No	No	No
Dimensions / Weight	2RU x TBC	2RU x TBC	2RU x TBC	2RU x TBC

APPLICATIONS

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

eGPA is a multichannel amplifiers (class D) series. Auto stand-by function and fanless design, 100% silent. Thermal and overload protections. Anti-clip system.

eGPA 2-150

eGPA 2-150

eGPA 2-300

eGPA 2-300

KEY FEATURES

- ■ 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

48

Multichannel Amplifiers

eGPA 4-150

eGPA 4-150

eGPA 8-150

eGPA 8-150

	eGPA2-150	eGPA2-300	eGPA4-150	eGPA8-150
1 channel @ 4Ω (RMS)	148W	310W	148W	148W
1 channel @ 8Ω (RMS)	74W	165W	74W	74W
All channels @ 4Ω (RMS)	145W	310W	145W	145W
2 bridged channels @ 8Ω (RMS)	290W	TBC	290W	290W
Dimensions / Weight	1RU x 161mm depth / 2,7 kg.	1RU x 221mm depth / TBC kg.	1RU x 221mm depth / 3,7 kg.	1RU x 341mm depth / 6,5 kg.

APPLICATIONS

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

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.

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).

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 2-400

GPA 2-800

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

	GPA2-400	GPA2-800
1 channel @ 2,66Ω (RMS)	506W	1000W
1 channel @ 4Ω (RMS)	390W	640W
1 channel @ 8Ω (RMS)	225W	347W
2 bridged channels @ 8Ω (RMS)	650W	1150W
Dimensions / Weight	2RU x 373mm depth / 10,8 kg.	2RU x 423mm depth / 13,5 kg.

ACCESSORIES

- WPm Series

High-end Stereo Amplifiers

APPLICATIONS

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

DPA series features ECLER's SPM proprietary technology and optional in-bay ALMAcard DSP module. A top-notch amplifier, very suitable for the high end installation.

DPA2000 eis 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).

DPA4000T eis 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).

DPA2000

DPA4000T

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
- POWER ON, SIGNAL, CLIP, THERMAL and PROTECT LEDs
- 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

	DPA2000	DPA4000T
1 channel @ 2Ω (RMS)	1420W	2800W
1 channel @ 4Ω (RMS)	940W	1880W
1 channel @ 8Ω (RMS)	550W	1100W
2 bridged channels @ 8Ω (RMS)	1880W	3760W
Dimensions / Weight	2RU x 470mm depth / 22,7 kg.	3RU x 532mm depth / 34,1 kg.

ACCESSORIES

- ALMACard

APPLICATIONS

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

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.

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.

eHSA 2-150

eHSA 2-150

eHSA 4-150

eHSA 4-150

KEY FEATURES

■ 150 W RMS outputs (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

	eHSA2-150	eHSA4-150
1 channel @ 70/100V (RMS)	145W	145W
All channels @ 70/100V (RMS)	142W	140W
Dimensions / Weigh	1RU x 221mm depth / 6,1 kg.	1RU x 341mm depth / 10,5 kg.

High Impedance Amplifiers

APPLICATIONS

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

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.

HSA2-400 / **HSA2-400ES** 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 (HSA2-400ES Enery Star certified). Supports low impedance loudspeaker loads down to 2,66 Ω.

HSA300

HSA2-400ES

KEY FEATURES

HSA300:
- 1 mono balanced input
- 1 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

HSA2-400 / HSA2-400ES:
- 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
- Energy Star© Certfication (HSA2-400ES)
- High efficiency, auto stand-by function and convection cooling (fanless, 100% silent)

	HSA300	HSA2-400 / HSA2-400ES
1 channel @ 70/100V(RMS)	302W	410W
1 channel @ 2,66Ω (RMS)	-	506W
1 channel @ 4Ω (RMS)	-	390W
1 channel @ 8Ω (RMS)	-	225W
Dimensions / Weight	2RU x 285mm depth / 8,4 kg.	2RU x 373mm depth / 16,4 kg.

ACCESSORIES

- WPm Series

Flexi-power Amplifiers

APPLICATIONS

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

HZA4-120F is a four MERGING channel amplifier with direct 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.

HZA4-70F

HZA4-120F

HZA4-120F
HZA4-70F

KEY FEATURES

■ 4 mono balanced inputs
■ 4 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

	HZA4-70F	HZA4-120F
1 channel @ 70/100V(RMS)	74W	114W
2 merged channels @ 70/100V (RMS)	140W	195W
3 merged channels @ 70/100V (RMS)	204W	290W
4 merged channels @ 70/100V (RMS)	260W	356W
Dimensions / Weight	2RU x 392mm depth / 12,8 kg.	2RU x 392mm depth / 13,6 kg.

ACCESSORIES

■ WPm Series

www.ecler.com

ECLER essentials

MIXING AMPLIFIERS

"A straight line is the shortest distance between two points"
(Archimedes, 3rd Century B.C.)

"ECLER ESSENTIALS is the shortest distance between you and your audio projects"
(ECLER, 2017)

eHMA series
is the perfect integral solution for budget and user-friendly professional audio projects

Applications:

— Retail stores, restaurants and bars

— BGM & Paging solutions, with message priorities and source / volume independent selection

Key Features:

eHMA60

eHMA120

eHMA240

Mixer + amplifier

MIC & MIC / LINE inputs

High & Low impedance outputs

Auto - standby function

Fanless, 100% silent

Talkover function available

2 - band tone controls for mix output

MUTE port

External power supply included
(eHMA60 and eHMA120)

Mixing Amplifiers

APPLICATIONS

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

eHMA series is the perfect integral solution for budget and user-friendly professional audio projects.

eHMA240

eHMA60

eHMA120

KEY FEATURES

- Mixer + amplifier
- MIC & MIC/LINE inputs
- High & Low impedance outputs
- Auto-standby function
- Fanless, 100% silent
- Talkover function available
- 2-band tone controls for mix output
- MUTE port
- External power supply included (eHMA60 and eHMA120)

	eHMA60	eHMA120	eHMA240
1 channel @ 4Ω (RMS)	66W	95W	250W
1 channel @ 70/100V(RMS)	60W	95W	245W
Inputs	2 MIC/LINE + 1 MIC	2 MIC/LINE + 1 MIC + 1 LINE	2 MIC/LINE + 2 MIC + 2 LINE
Outputs	1 Hi-Z + 1 Lo-Z	2 Hi-Z + 1 Lo-Z + 1 AUX/REC	4 Hi-Z + 1 Lo-Z + 1 AUX/REC
Dimensions / Weight	1RU x 150mm depth / 1,9 kg.	1RU x 120mm depth / 2,9 kg.	2RU x 341mm depth / 6,5 kg.

ACCESSORIES

eHMA60/ eHMA120:
- 1UHRMKIT

eHMA240:
- 2UHRMKIT

ecler essentials

APPLICATIONS

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

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.

HMA120

HMA120

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

	HMA120
1 channel @ 8Ω (RMS)	84W @ 8Ω / 110W @ 4Ω
1 channel @ 70/100V(RMS)	110W
Inputs	3 LINE + 1 MIC/LINE + 1 MIC + Media player (USB + SD)
Outputs	1 Hi-Z + 1 Lo-Z + 1 AUX
Dimensions / Weight	1/2 RU x 88mm depth / 6,0 kg.

ACCESSORIES

- 2UHRMKIT
- MPAGE1
- WPm Series

Mixing Amplifier

APPLICATIONS

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

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.

HMA180

HMA180

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:
- 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)

	HMA180
1 channel @ 8Ω (RMS)	145W
1 channel @ 70/100V(RMS)	145W
Inputs	4 MIC + 4 LINE
Outputs	1 Hi-Z + 1 Lo-Z + 1 AUX + 1 INSERT
Dimensions / Weight	2RU x 285mm depth / 7,0 kg.

ACCESSORIES

- WPTOUCH
- WPm Series
- MPAGE1

A/V Integration Amplifiers

APPLICATIONS

- Classrooms
- Meeting rooms
- Multimedia presentations (in combination with video projectors, screens, etc.)
- Retail shops
- Museums and exhibitions
- Hotel rooms (eWAMPBT)
- Integrated AV systems with central remote control system (Crestron©, Extron©, AMX©, etc.) (CA200Z)

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, presentations and education projects that can be perfectly integrated with external control devices, from ECLER and from third-party players.

eWAMPBT is a stereo compact wall amplifier including an integrated media player (USB and uSD slots), FM tuner and Bluetooth receiver, together with two additional ST AUX inputs. Infrared remote control and wall-mount box included.

eWAMPBT

CA200Z

KEY FEATURES

CA200Z:
- 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
- AUX A/B LINE output
- 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 stand by function

eWAMPBT:
- Built-in media player
- 2x10W RMS @ 8ohm
- Sensitivity adjustment for AUX inputs
- Infrared remote control and wall-mount box included

	CA200Z	eWAMPBT
1 channel @ 4Ω (RMS)	38W @ 8Ω / 70W @ 4Ω	10W
1 channel @ 70/100V(RMS)	97W	-
Inputs	4 LINE + 2 MIC	2 LINE + Media player (USB + SD + FM + Bluettoth)
Remote control	IR + 2 RJ45 + RS232 (EclerCOMM & CA-NET)	IR
Dimensions / Weight	1/2 RU x 88mm depth / 2,3 kg.	86x86x38mm / 140 g

ACCESSORIES
CA200Z:
- 2UHRMKIT
- MPAGE1
- MPAGE4
- WPm Series

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

eCA120 / eCA120HZ is a 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.

eCA120

eCA120HZ

KEY FEATURES

- Compact 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)

	eCA120	eCA120HZ
1 channel @ 4Ω (RMS)	68W	-
1 channel @ 70/100V(RMS)	-	106W
Inputs	1 LINE ST	1 LINE ST
Remote control	1 RJ45	1 RJ45
Dimensions / Weight	HxLxD (mm): 48x190x90 / 600 g.	HxLxD (mm): 48x190x190 / 600 g.

ACCESSORIES

- WPm Series

Compact Amplifiers

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.)

CA40 / **CA120** / **CA120HZ** is a 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.

CA120HZ

CA120

CA40

KEY FEATURES

- Compact amplifier
- 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
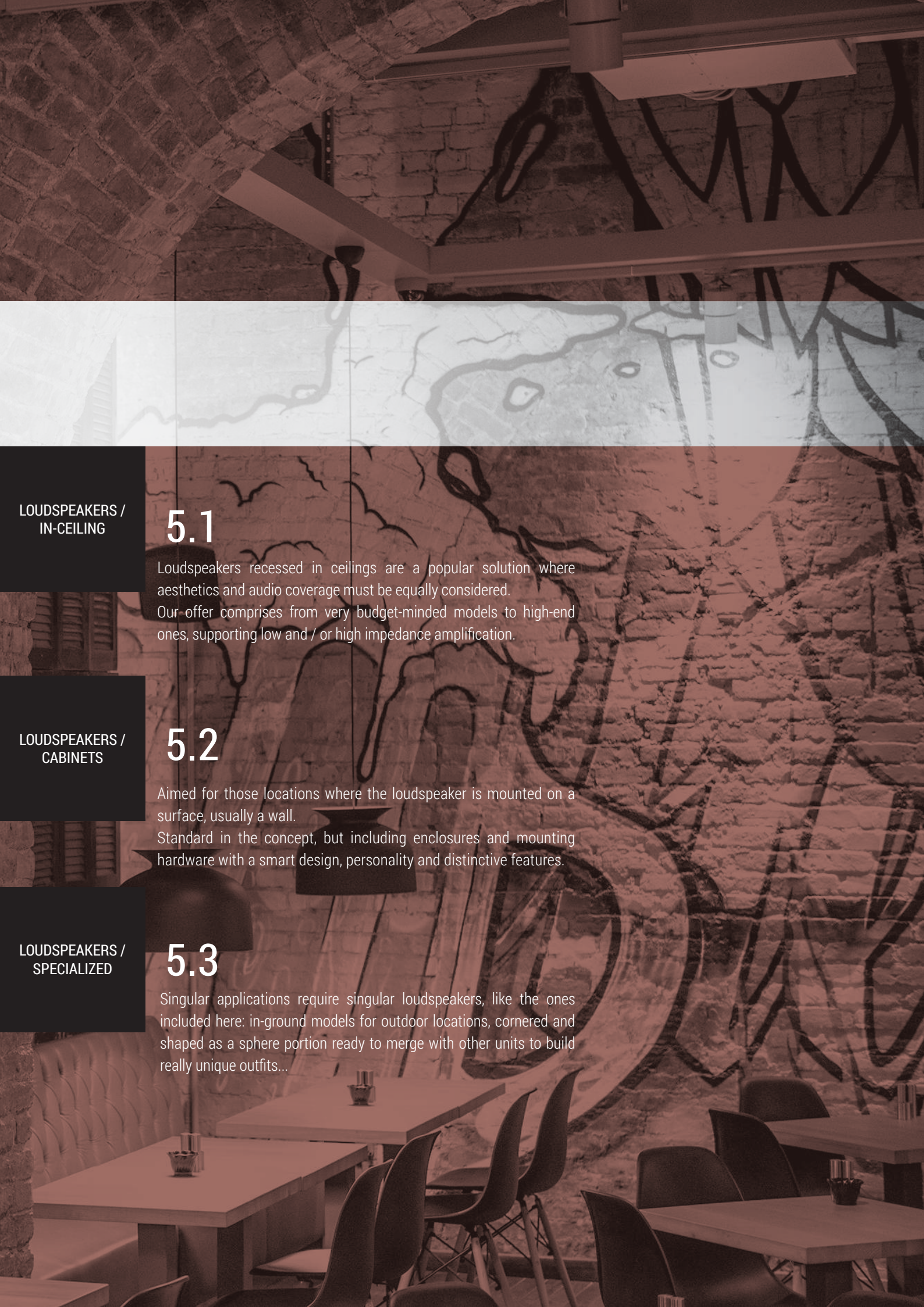
	CA40	CA120	CA120Z
1 channel @ 4Ω (RMS)	22W	68W	-
1 channel @ 70/100V(RMS)	-	-	96W
Inputs	1 LINE ST + 1 MIC	1 LINE ST + 1 MIC/LINE ST	1 LINE ST + 1 MIC/LINE ST
Remote control	1 RJ45 + IR + RS232 (EclerCOMM & CA-NET)	1 RJ45 + IR + RS232 (EclerCOMM & CA-NET)	1 RJ45 + IR + RS232 (EclerCOMM & CA-NET)
Dimensions / Weight	HxLxD (mm): 48x190x190 / 600 g.	HxLxD (mm): 48x190x190 / 600 g.	HxLxD (mm): 48x190x190 / 600 g.

ACCESSORIES

- MPAGE1
- WPm Series

LOUDSPEAKERS/ 5

LOUDSPEAKERS / IN-CEILING

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 / CABINETS

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 / SPECIALIZED

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...

CEILING LOUDSPEAKERS/
IW103

In-Ceiling/In-Wall Loudspeaker

APPLICATIONS

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

IW103 is a 3" in-ceiling / in-wall installation loudspeaker featuring a rectangular and discreet design, and including a high impedance transformer unit with 15 and 30 W power selections @ 100V line level.

KEY FEATURES

- Rectangular shaped loudspeaker for in-ceiling/in-wall installation
- 3" woofer
- 15W/30W @ 100V selector
- Spring loaded input terminals
- White finish

	IW103
RMS power / Program power	-
Woofer / tweeter	3" / -
Power selector @ 100V	15/30 W
SPL 1W/1m	83 dB
Dimensions / Weight	HxLxD (mm): 165x110x80 / 900 g.

In-Ceiling/In-Wall Loudspeakers

APPLICATIONS

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

eIC52MS:
- Saunas, spas, ships, harbors, etc.

eIC51 / **eIC52** / **eIC5154** / **eIC52MS** is a cost-effective in-ceiling installation loudspeaker with a great sound performance.

eIC51

eIC52MS

eIC52

eIC5154

KEY FEATURES

- ABS speaker
- Built-in audio transformer for 70/100 V use
- Clip-type input terminals and low impedance / high impedance power tap selector
- EN54-24 Certified (eIC5154)
- Suitable for installations exposed to extreme humidity and/or temperature (eIC52MS)

	eIC51	eIC52	eIC5154	eIC52MS
RMS power / Program power (8Ω)	10W / 20W	20W / 40W	-	20 / 35W
Woofer / tweeter	5,25" / -	5,25" / 0,75"	5" / -	5" / 1"
Power selector @ 100V	3/6 W	3/6 W	0,38/0,75/1,5/3/6 W	-
SPL 1W/1m	88 dB	86 dB	92 dB	TBC
Dimensions / Weight	IntxExtxD (mm): 164x202x60 / 0,9 kg.	IntxExtxD (mm): 164x202x65 / 1,0 kg.	IntxExtxD (mm): 158x180x147 / 1,2 kg.	IntxExtxD (mm): 120x165x60 / 0,6 kg.

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

IC5 / IC6 / IC8 / ICSB10 loudspeaker is the perfect option for 70/100 V and low impedance sound solutions. IC series provide excellent sound quality thanks to their infinite baffle philosophy and a top-performance high frequency transducer.

IC5

IC6

IC6

IC8
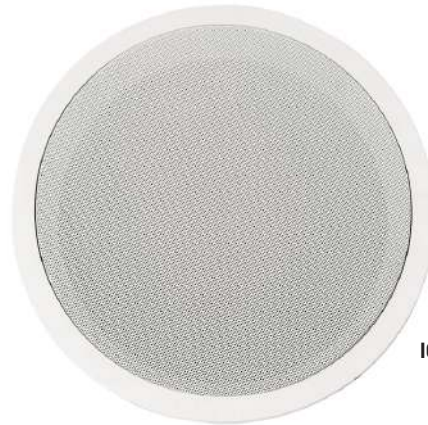
ICSB10

KEY FEATURES

- ABS speaker
- 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
- IC6 available in black and white finish

	IC5	IC6	IC8	ICSB10
RMS power / Program power (8Ω)	25W / 50W	40W / 80W	60W / 120W	100W / 200W
Woofer / tweeter	5" / 0,5"	6" / 1"	8" / 1"	10" / -
Power selector @ 100V	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
SPL 1W/1m	86 dB	88 dB	89 dB	90 dB
Dimensions / Weight	IntxExt (mm): 166x191 / 1,2 kg.	IntxExt (mm): 178x204 / 1,5 kg.	IntxExt (mm): 220x245 / 2,3 kg.	IntxExt (mm): 305x335 / 3,4 kg.

In-Ceiling/In-Wall Loudspeakers

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

IC6CLASS series integrates a very careful and efficient selection of components (6,5" 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.

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.

IC6CLASS-TR

IC6CLASS-TR

IC6CLASS-I

IC6CLASS-54

IC6CLASS-I

KEY FEATURES

Serie IC6CLASS:

- High-end 2-way loudspeaker
- 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)
- Low/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

IC6CLASS-I:

- No transformer, designed for low impedance installations

IC6CLASS-54:

- Fire rated back can
- Ceramic connection terminals
- Thermal fuse
- Internal FR wiring

	IC6CLASS-TR	IC6CLASS-I	IC6CLASS-54
RMS power / Program power (16Ω)	75W / 150W	75W / 150W	75W / 150W
Woofer / tweeter	6,5" / 1"	6,5" / 1"	6,5" / 1"
Power selector @ 100V	3/7,5/15/20/30 W	-	3/7,5/15/20/30 W
SPL 1W/1m	86 dB	86 dB	86 dB
Dimensions / Weight	IntxExt (mm): 224x270 / 2,5 kg.	IntxExt (mm): 224x270 / 2,5 kg.	IntxExt (mm): 224x270 / 2,5 kg.

APPLICATIONS

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

TRAIL103 is a 3" lamp style loudspeaker cabinet, featuring an installation system which is compatible with ceiling light rails, as well as surface mount, truss mount, etc. High Impedance (15W and 30W taps) and Low Impedance (4 ohm) connections included. White and back colours available.

TRAIL103BK

TRAIL103WH

KEY FEATURES

- 3" woofer
- Mounting options: ceiling light rails, surface mount or truss mount
- Low impedance connection: 4ohm
- High impedance connection: 15/30W selector
- Available in white and black finish

|	TRAIL103
RMS power / Program power (4Ω)	30 W
Woofer / tweeter	3" / -
Power selector @ 100V	15/30 W
SPL 1W/1m	83 dB
Dimensions / Weight	øxH (mm): 96x110 / 1,0 kg.

Sphere Portion Cabinet

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

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.

NEST106
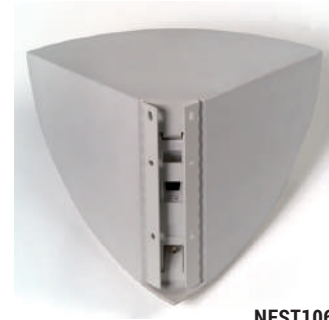
NEST106

NEST106

NEST106

KEY FEATURES

- Full range, 2-way loudspeaker
- 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

	NEST106
RMS power / Program power (8Ω)	60W / 120W
Woofer / tweeter	6,5" / 1"
Power selector @ 100V	7/10/15/30 W
SPL 1W/1m	93 dB
Dimensions / Weight	HxLxD (mm): 330x230x197 / 3,3 kg.

ACCESSORIES

- MP106NEST2 / MP106NEST3 / MP106NEST4

APPLICATIONS

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

eAMBIT103 / eAMBIT106 is an ultra compact 2-way coaxial loudspeaker cabinet with neutral an discreet design. It is especially suitable for background music reinforcement in retail shops, restaurants, cafés, corporate premises and education rooms.

eAMBIT106

eAMBIT103

KEY FEATURES

■ ABS 2-way architectural loudspeaker
■ 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

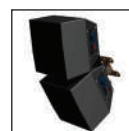|	eAMBIT103	eAMBIT106
RMS power / Program power (8Ω)	25W / 50W	50W / 100W
Woofer / tweeter	3,5" / 0,5"	6,5" / 1"
Power selector @ 100V	2,5/5/7,5/15 W	5/7,5/15/30 W
SPL 1W/1m	87 dB	93 dB
Dimensions / Weight	HxLxD (mm): 120x120x117 / 1,3 kg.	HxLxD (mm): 210x210x160 / 2,8 kg.

ACCESSORIES

eAMBIT103:
■ MP103AMB2 / MP103AMB4

eAMBIT106:
■ MP106AMB2 / MP106AMB3 / MP106AMB4 / SR6

Surface Mount Cabinet

APPLICATIONS

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

eCURVE104 is a wall mount installation loudspeaker with a curved stylish design. It features a 4" woofer and a 0,75" tweeter, 25WRMS and 16 Ω impedance, allowing for multiple units connection in parallel to standard low impedance amplifiers. Black or White finish available.

eCURVE104

KEY FEATURES

- ABS 2-way, 25WRMS architectural loudspeaker
- 4" woofer / 0,75" tweeter
- 16 Ω impedance
- Includes on-wall hardware
- Available in black and white colours
- Spring loaded input terminals

	eCURVE104
RMS power / Program power (16Ω)	25W / 50W
Woofer / tweeter	4" / 0,75"
Power selector @ 100V	-
Frequency response	120-20kHz
Dimensions / Weight	HxLxD (mm): 207x143x179 / 1,5 kg.

ecler essentials

APPLICATIONS

eMOTUS5P / eMOTUS5PB:
- Education Classroom
- Commercial premises
- Leisure centres
- Sound reinforcement in clubs, bars, etc.
- Health and sports centres
- Meeting and conference rooms
- Auditoriums, museums

eMOTUS5OD:
- Theme parks
- Gardens, nature parks and urban spaces
- Leisure centers
- Health and sport centers
- Museums

eMOTUS5P / **eMOTUS5PB** is a stereo loudspeaker kit including an active and a passive 5" cabinet. eMOTUS5PB performs Bluetooth connection, IR remote control and 0-10VDC remote port for volume control. A professional and compact loudspeaker stereo kit, a user-friendly and cost-effective formula with a fantastic performance and a unique design that will easily fit in a massive number of multimedia applications: education classrooms, corporate meeting rooms, retail stores, etc. Available in black and white colour.

eMOTUS5OD is a 5" loudspeaker cabinet ready for outdoor installation. A professional and compact loudspeaker, cost-effective and with a unique design that will easily fit in a massive number of applications: theme parks, gardens, nature parks and urban spaces, leisure, health and sport centres, residential buildings, outdoor areas, etc. Available in black and white colour.

eMOTU5P

KEY FEATURES

eMOTUS5P / eMOTUS5PB:
- 2-way cabinets (stereo kit)
- 5" woofer and 1" tweeter
- Tone control: bass & treble
- Stereo/mono switch
- Bluetooth connection, IR remote control and 0-10VDC remote port for volume control(eMOTUS5PB)
- Available in black and white colour

eMOTUS5OD:
- 2-way cabinet, 5" woofer and 1" tweeter
- 100V power selector: 7,5/15/30W
- Outdoor design
- Available in black and white colour

ACCESORIES
- WPm series (eMOTUS5PB)

eMOTU5OD

eMOTUS5OD

eMOTUS5PB

eMOTUS5PB

	eMOTUS5P	eMOTUS5PB	eMOTUS5OD
RMS power / Program power	30W / 60W	30W / 60W	40W / 80W (8Ω)
Power selector @ 100V	-	-	7,5/15/30 W
Inputs / Outputs	1 ST LINE / Speaker out	1 ST LINE + Bluetooth / Speaker out	-
Others	Bass & treble EQ + ST/MONO switch	IR + Bass & treble EQ + ST/MONO switch	IP65 + paintable
Dimensions / Weight	TBC	TBC	TBC

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
D E S I G N

www.ecler.com

ecler
Sound experience
Barcelona 1965

Surface Mount Cabinets

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

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.

AUDEO103

AUDEO108

AUDEO106

KEY FEATURES

AUDEO103 / AUDEO106 / AUDEO108:
- Full range, 2-way loudspeaker
- 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

	AUDEO103	AUDEO106	AUDEO108
RMS power / Program power (8Ω)	25W / 50W	50W / 100W	100W / 200W
Woofer / tweeter	3,5" / 0,5"	6,5" / 1"	8" / 1"
Power selector @ 100V	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
Dimensions / Weight	HxLxD (mm): 132x134x110 / 1,5 kg.	HxLxD (mm): 242x242x163 / 2,3 kg.	HxLxD (mm): 300x310x223 / 3,8 kg.

ACCESSORIES

- MSTANDAUDEO (p. 101)

AUDEO103 / AUDEO106:
- DSTANDAUDEO (p. 101)

AUDEOSB10P21

AUDEOSB110 is a passive sub-woofer reinforcement unit for the AUDEO series loudspeakers, featuring a single 10" woofer and a compact wooden cabinet.

AUDEOSB110P 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.

AUDEOSB10P21 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 (WPmVOL)
• Speaker wire reel (50 meters), wall panel cable, screwdriver
• Quick installation guide, with a step-by-step detailed procedure.

AUDEOSB110   AUDEOSB110P   AUDEOSB110

KEY FEATURES

AUDEOSB110:
- 10" woofer
- 150 WRMS @ 8 Ω maximum power
- Euroblock / clip double INPUT / STACK terminals
- Internal LPF with 2 frequency settings

AUDEOSB110P:
- 10" woofer
- 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

AUDEOSB10P21:
- 10" powered sub-woofer integrated in the cabinet, 150 WRMS
- 2 x 120 WRMS @ 2Ω 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)

	AUDEOSB110	AUDEOSB110P	AUDEOSB10P21
RMS power / Program power	150W / 300W (8Ω)	150W / 300W	150W / 300W
Woofer	10"	10"	10"
Inputs / Outputs	-	1 ST Line (mono conversion) / Stack out	1 ST Line (mono conversion) + stack out / 2 powered satellites outputs
SPL 1W/1m	112 dB	112 dB	112 dB
Dimensions / Weight	HxLxD (mm): 310x500x425 / 12,7 kg.	HxLxD (mm): 310x505x420 / 16,8 kg.	HxLxD (mm): 310x505x420 / 16,8 kg.

ACCESSORIES
- WPm series (AUDEOSB110P21)

ARQIS SERIES

DESIGNED TO SUIT DESIGNERS

►Stylish wooden loudspeaker cabinets, able to match any interior design

►A range from 5" woofer + 1" tweeter to 12" woofer + 1,4" HF compression driver

►Available in white and black colors

►Smart bracket system for easy installation

ecler
Sound experience
Barcelona 1965

APPLICATIONS

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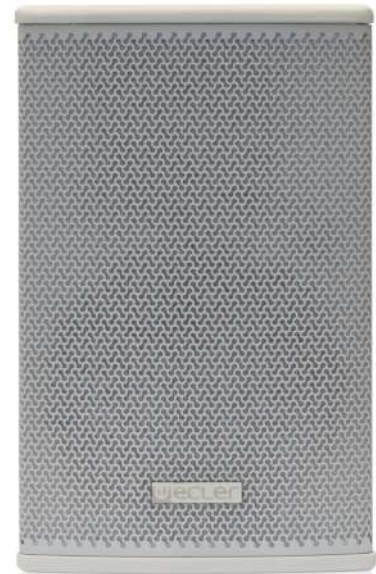- Cafés
- Restaurants
- Theme parks

ARQIS Series 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..
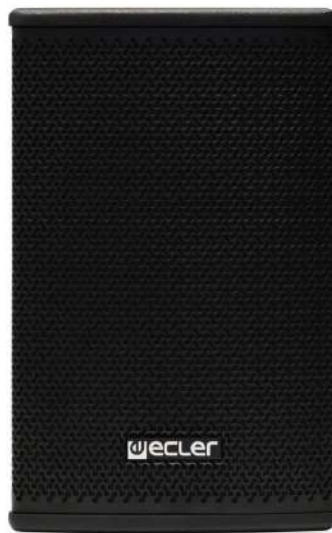
ARQIS105   **ARQIS106**   **ARQIS108**

KEY FEATURES

ARQIS105 / ARQIS106 / ARQIS108:

- Full range, 2-way architectural loudspeaker
- 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
- U-bracket wall-mount accessory compatible (not included) (ARQIS108)
- Metal safety sling included, to avoid drops in case of accidental detachment from the wall surface
- Available in black or white finish

	ARQIS105	ARQIS106	ARQIS108
RMS power / Program power (8Ω)	70W / 140W	120W / 240W	150W / 300W
Woofer / driver	5,25" / 1" (tweeter)	6,5" / 1"	8" / 1"
Connector	Euroblock	Euroblock	Euroblock + Speakon
SPL 1W/1m	89 dB	92 dB	93 dB
Dimensions / Weight	HxLxD (mm): 186x280x210 / 3,6 kg.	HxLxD (mm): 216x350x240 / 7,4 kg.	HxLxD (mm): 244x390x280 / 8,4 kg.

ACCESSORIES

ARQIS108:
- ARQ108UBWH / ARQ108UBBK

Architectural Wooden Cabinets

ARQIS205

ARQIS208

KEY FEATURES

ARQIS205 / ARQIS208:
- Full range, 2-way architectural loudspeaker
- 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
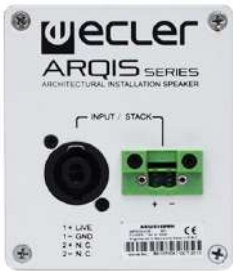- Available in black or white finish

	ARQIS205	ARQIS208
RMS power / Program power (8Ω)	140W / 280W	300W / 600W
Woofer / driver	2x5,25" / 1"	2x8" / 1"
Connector	Euroblock + Speakon	Euroblock + Speakon
SPL 1W/1m	92 dB	96 dB
Dimensions / Weight	HxLxD (mm): 480x186x210 / 8,4 kg.	HxLxD (mm): 619x244x280 / 14,8 kg.

ARQIS110

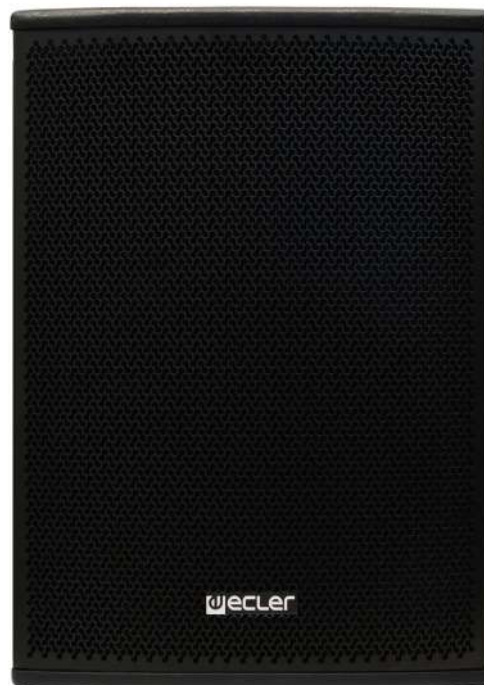**ARQIS112**

KEY FEATURES

ARQIS110 / ARQIS112:

- Full range, 2-way architectural loudspeaker
- Double INPUT/STACK connector, Euroblock + Speakon© type, with security attachment screws to avoid accidental disconnection
- U-bracket wall-mount accessory compatible (not included)
- 35 mm mount socket, compatible with SR10 / SR12 wall brackets (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 or white finish

	ARQIS110	ARQIS112
RMS power / Program power (8Ω)	220W / 440W	340W / 680W
Woofer / driver	10" / 1"	12" / 1,4"
Connector	Euroblock + Speakon	Euroblock + Speakon
SPL 1W/1m	95 dB	97 dB
Dimensions / Weight	HxLxD (mm): 359x310x495 / 14,4 kg.	HxLxD (mm): 416x352x565 / 20,0 kg.

ACCESSORIES

ARQIS110:
- ARQ110UBWH / ARQ110UBBK

ARQIS112:
- ARQ112UBWH / ARQ112UBBK

ARQISSB10

ARQISSB10

ARQISSB15

KEY FEATURES

ARQISSB10:

- 10" sub-woofer
- Euroblock connector and spring loaded input terminals
- LPF cut-off frequency selection: OFF/ 120Hz / 150Hz
- Wall-mount hardware included
- 12 x M10 cabinet flying points
- Available in black or white finish

ARQISSB15:

- 15" sub-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

	ARQISSB10	ARQISSB15
RMS power / Program power (8Ω)	150W / 300W	600W / 1200W
Woofer	10"	15"
Connector	Euroblock + spring loaded terminals	Speakon
SPL 1W/1m	94 dB	98 dB
Dimensions / Weight	HxLxD (mm): 442x600x228 / 16,6 kg.	HxLxD (mm): 244x390x280 / 8,4 kg.

APPLICATIONS

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

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

VERSO SERIES

KEY FEATURES

VERSO8 / VERSO10 / VERSO12:

- Full range, 2-way loudspeaker
- 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

	VERSO8	VERSO10	VERSO12
RMS power / Program power (8Ω)	150W / 300W	250W / 500W	350W / 700W
Woofer / driver	8" / 1"	10" / 1,3"	12" / 1,75"
Connector	Speakon	Speakon	Speakon
SPL 1W/1m	97 dB	95 dB	98 dB
Dimensions / Weight	HxLxD (mm): 398x291x241 / 8,0 kg.	HxLxD (mm): 475x350x290 / 12,5 kg.	HxLxD (mm): 607x447x368 / 20,4 kg.

ACCESSORIES

VERSO8:
- SR8

VERSO12:
- SR12

VERSO10:
- SR8 / SR12

Sel-powered Portable Cabinets

VERSOSB115P

VERSO8P

VERSO10P

VERSO12P

KEY FEATURES

VERSO8P / VERSO10P / VERSO12P:
- Full range, 2-way, self-powered loudspeaker
- 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

VERSOSB115P:
- 15" woofer
- 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)

	VERSO8P	VERSO10P	VERSO12P	VERSOSB115
RMS power / Program power	200W / 400W	300W / 600W	450W / 900W	500W / 1000W
Woofer / driver	8" / 1"	10" / 1,3"	12" / 1,75"	15" / -
Inputs / Outputs	2 MIC/LINE	2 MIC/LINE	2 MIC/LINE	1 ST LINE (mono conversion) / Stack out
Max SPL @ 1m	119 dB	120 dB	123 dB	125 dB
Dimensions / Weight	HxLxD (mm): 398x291x241 / 8,0 kg.	HxLxD (mm): 475x350x290 / 12,5 kg.	HxLxD (mm): 475x350x290 / 12,5 kg.	HxLxD (mm): 450x590x490 / 41,3 kg.

ACCESSORIES

VERSO8P:
- SR8

VERSO10P:
- SR8 / SR12

VERSO12P:
- SR12

VERSOSB115:
- QRA + WH200 kit
- POLE01

APPLICATIONS

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

Targeted to long-through vocal reproduction as well as music reinforcement applications in adverse acoustic environments. Manufactured in 18mm multi-layered Finnish birch plywood.

CKL110T is 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.

CKLSM115T is mid-low frequencies loudspeaker cabinet, featuring a high performance horn loaded 15″ speaker.

CKL110T

CKLSM115T

KEY FEATURES

- 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

	CKL110T	CKLSM115T
RMS power / Program power (8Ω)	220W / 440W	600W / 1200W
Woofer / driver	10" / 2"	15" (horn loaded) / -
Frequency response	170 - 19kHz	70 - 280kHz
SPL 1W/1m	95 dB	97 dB
Dimensions / Weight	HxLxD (mm): 550x550x650 / 47,0 kg.	HxLxD (mm): 550x550x650 / 37,2 kg.

ACCESSORIES

- ADP (p. 101)

Long-throw Cabinet

APPLICATIONS

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

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.

DPC118

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

	DPC118
RMS power / Program power (8Ω)	1200W / 2400W
Woofer	18"
Connector	Speakon
SPL 1W/1m	112 dB
Dimensions / Weight	HxLxD (mm): 570x750x720 / 55,5 kg.

SPECIALIZED/
eCS403 / eCS803 / eUC106

Column / Spherical Cabinets

APPLICATIONS

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

eCS403 / eCS803 is a column loudspeaker, featuring 70/100V transformer with 4 different power taps. Aluminium enclosure with included wall bracket and IP44 class.

eUC106 is a spherical pendant loudspeaker featuring a 6,5" woofer, 0.5" tweeter and 70/100V transformer.

eCS403

eCS803

eUC106

KEY FEATURES

eCS403 / eCS803:
- Column type loudspeaker
- Transformer selector: low/high impedance
- Stripped wire connection
- Aluminium enclosure
- IP44 rated
- Included wall bracket

eUC106:
- Spherical pendant type loudspeaker
- 8 Ω and 70/100 V (40W RMS)
- 6.5" woofer + 1" tweeter
- Transformer selector: 32W-16W-8W-4W 100V / 16W-8W-4W-2W 70V - 8Ω
- Stripped wire connection
- Available in white and black finish

	eCS403	eCS803	eUC106
RMS power / Program power (8Ω)	40W / 80W (4Ω)	80W / 160W	40W / 80W
Woofer / tweeter	4x3" / -	8x3" / -	6,5" / 1"
Power selector @ 100V	2,5/5/10/20 W	5/10/20/30 W	4/8/16/32 W
SPL 1W/1m	92 dB	94 dB	98 dB
Dimensions / Weight	HxLxD (mm): 460x105x90 / 2,5 kg.	HxLxD (mm): 760x105x90 / 4,5 kg.	øxH (mm): 270x215 / 3,0 kg.

In-ground Cabinets

APPLICATIONS

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

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.

eRK108 is an outdoor and cost-effective ground loudspeaker, ready to be installed in gardens, theme parks, leisure facilities, etc. It features an 8" woofer, 0.5" tweeter and 70/100V transformer.

eRK108

IG108   IG108

KEY FEATURES

IG108:

- 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

eRK108:

- IP65 outdoor rated loudspeaker
- 70/100 V (15 W)
- 8" woofer + 0,5" tweeter
- Stripped wire connection

	IG108	eRK108
RMS power / Program power (8Ω)	100W / 200W	-
Woofer / tweeter	8" / 1"	8" / -
Power selector @ 100V	7,5/15/30/60 W	15 W
SPL 1W/1m	92 dB	89 dB
Dimensions / Weight	øxH (mm): 360x392,5 / 8,5 kg.	HxLxD (mm): 290x325x270 / 5,0 kg.

ecler essentials

APPLICATIONS

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

Sound projectors 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 IP65 rated, therefore suitable for outdoor superior performance.

ePRS10T

ePHS20T

eMSP50T

eHORN10

KEY FEATURES

- ABS weatherproof
- IP65
- Power tappings for 70V and 100V

	ePRS10T	ePHS20T	eMSP50T	eHORN10
RMS power / Program power (8Ω)	-	-	-	240W
Power selector @ 100V	2,5/5/10 W	2/3,75/7,5/15 W	3,5/4,5/9/12,5/25/50 W	60/120/240 W
Others	IP65	IP65	IP65	IP65 + 10" LF driver / 1" HF driver
SPL 1W/1m	91 dB	102 dB	99 dB	103 dB
Dimensions / Weight	øxH (mm): 136x220 / 1,6 kg.	øxH (mm): 200x233 / 1,3 kg.	HxLxD (mm): 250x360x320 / 3,9kg.	HxLxD (mm): 452x452x603 / 22,5 kg.

ecler
essentials

REMOTE CONTROLS AND INTERFACES / PAGING STATIONS

6.1

Paging consoles to allow real-time voice messages broadcasting.

REMOTE CONTROLS AND INTERFACES / DIGITAL CONTROLS & PANELS

6.2

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

REMOTE CONTROLS AND INTERFACES / ANALOGUE CONTROLS & PANELS

6.3

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

APPLICATIONS

■ Paging, voice messages and speech

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.).

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

MPAGE16 is a digital paging station compatible with the MIMO / MIMOSG 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.

MPAGE1

MPAGE4

MPAGE16

KEY FEATURES

MPAGE1:

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

MPAGE4:

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

MPAGE16:

■ 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 MIMO / MIMOSG software setup)

	MPAGE1	MPAGE4	MPAGE16
Paging zones	1	4	16
Additional keys	-	ALL	ALL + CLEAR + F1 + F2
Phantom Power	10 - 48VDC	6 - 15VDC	7 - 16VDC
Conector	Euroblock	RJ45	Euroblock 6 pole (audio + control)
Dimensions / Weight (mic excluded)	HxLxD (mm): 43x120x126 / 625 g.	HxLxD (mm): 43x120x126 / 625 g.	HxLxD (mm): 46x216x157 / 700g.

EclerNet Touch-screen

APPLICATIONS

Remote control for installations including EclerNet devices:

- Direct control of MIMO / MIMOSG, NXA, DUO-NET PLAYER, etc , point to point (direct CAT5 cable, no network involved)
- Network control of a full EclerNet installation, including several MIMOs, 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

WPmSCREEN is a remote control panel compatible with all the EclerNet products, like MIMO / MIMOSG, 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 web-server, 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."

WPmSCREEN

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

	WPmSCREEN
Touch panel	7" TFT screen
Resolution	800x480 (LED backlight)
Ethernet port	Ethernet Base-Tx 10/100Mb Auto Xover CAT5 up to 100m
Power supply	24VDC (included)
Dimensions / Weight	HxLxD (mm): 159x216x36 / 550 g.

ACCESSORIES

- WPmPSCRMKIT

APPLICATIONS

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

Serie WPm
- Remote volume control
- Remote volume control and/or source selection
- Remote 70/100V line attenuation
- Remote audio sources connection
- Mixing 2 inputs into a single balanced mono LINE output

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

WPm series includes surface-mount installation box.

WPmVOL is a remote wall panel control for one volume management. Compatible with all 0-10V DC REMOTE control port.

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

WPmVOL-SR is a remote wall panel control for one volume management + source or preset selection. Compatible with all 0-10V DC REMOTE control port.

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

WPmH-AT3 is a 70 / 100V line attenuator with integrated 24 VDC priority relay. 3W maximum output power.
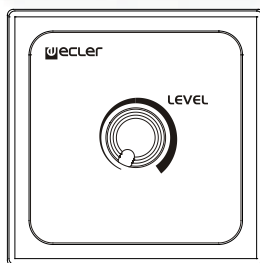
WPmH-AT6 is a 70 / 100V line attenuator with integrated 24 VDC priority relay. 6W maximum output power.

WPmH-AT100 is a 70 / 100V line attenuator with integrated 24 VDC priority relay. 100W maximum output power.
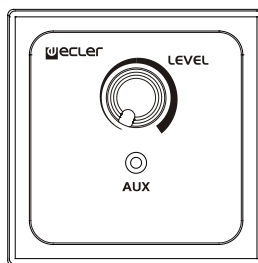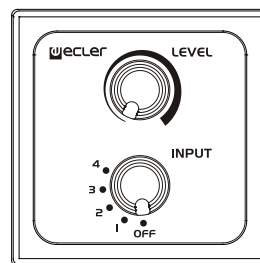
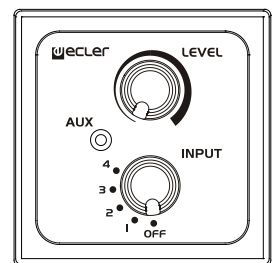**WPmH-SL4** is a 70 / 100V V line selector (one out of 4 music program lines).
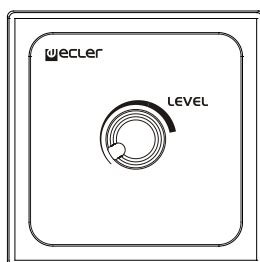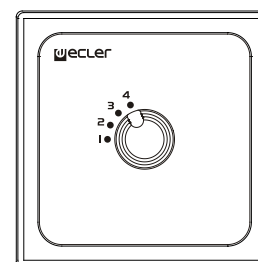
WPTOUCH
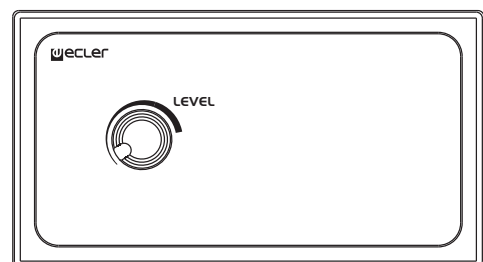
WPmVOL WPmVOL-J WPmVOL-SR WPmVOL-SR-J

WPmH-AT3-AT6 WPmH-SL4 WPmH-AT100

94

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.

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 0-10V DC REMOTE control ports
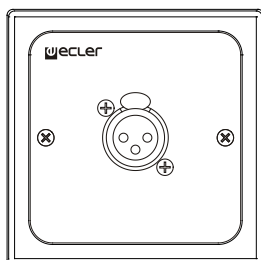
WPmCNX-XLRM is a connection Wall Plate with Male 3 pin XLR connector. Screw-type connector at the back (no solder needed).

WPmCNX-XLRF connection Wall Plate with Female 3 pin XLR connector. Screw-type connector at the back (no solder needed).

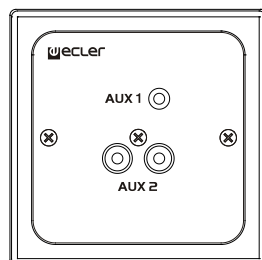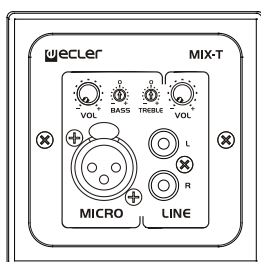**WPmCNX-JRCA** is a connection Wall Plate with 1 x stereo minijack and 2 x RCA connectors.
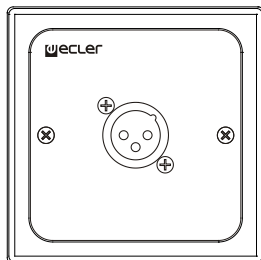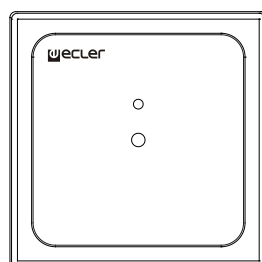
WPmCNX-XLRM

WPmCNX-XLRF

WPmCNX-JRCA

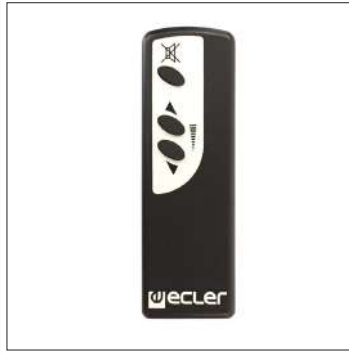WPmMIX-T

WPmMIX-T

WPmVOL-IR

ACCESSORIES/ 7

ACCESSORIES/
AUDIO ACCESSORIES

ACCESSORIES/
AUDIO CABLES AND
OTHERS

ACCESSORIES/
LOUDSPEAKERS
HARDWARE

WP-PSU

REVO-IR

TR2-70

2UHRMKIT

1UHRMKIT

WPmPSCRMKIT

NUORAKI

PUM3

WP-PSU 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).

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.

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.

2UHRMKIT is a kit that enables a half-width and 2U height rack device to be mounted into a standard width rack cabinet.

1UHRMKIT is a kit that enables a half-width and 1U height rack device (ePLAYER1, etc.) to be mounted into a standard width rack cabinet.

WPmPSCRMKIT is a kit that enables one WPmSCREEN unit to be mounted into a standard width rack cabinet taking 4 RU.

NUORAKI is a kit that enables a NUO40 to be mounted into a standard 19" rack. Compatible with NUO series.

PUM3 is a rack-mount accessory that allows to mount two half-width RU devices in 1 standard width RU space. Mounting screws included.

AUDIO CABLES AND OTHERS/

CNXXLRXLR1-5-10

CNXEBEB1-2M5

CNXEBRCA1

CNXXLRFEB

CNXRCAEBAD

MBSTAND

MDSTAND

TRIPO1

CNXAC8RM

WPMSCRFMBOX

USB232AD

CNXXLRXLR1 is a 1m length XLR-XLR cable.

CNXXLRXLR5 is a 5m length XLR-XLR cable.

CNXXLRXLR10 is a 10m length XLR-XLR cable.

CNXEBEB1 is a 1m length Euroblock bal.- Euroblock bal. cable.

CNXEBEB2M5 is a 2,5m length Euroblock bal.- Euroblock bal. cable.

CNXEBRCA1 is a 1m length 2xEuroblock bal. - 2xRCA Male/female.

CNXXLRFEB is a 0,5m length XLR female bal. - Euroblock bal.

CNXRCAEBAD is a RCA - Euroblock bal. adapter.

MBSTAND is a microphone stand with boom arm.

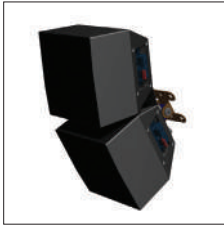**MDSTAND** is a desktop microphone stand.

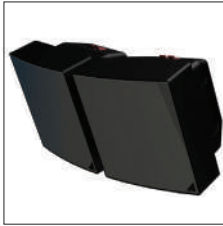**TRIPO1** 35mm speaker stand set (2 units)

CNXAC8RM is a 19" 8 x sockets power strip with ON/OFF switch.

WPMSCRFMBOX is flush mount box for WPmSCREEN

USB232AD is a USB to RS-232 interface

MP103AMB2

MP106AMB2

MP103AMB4

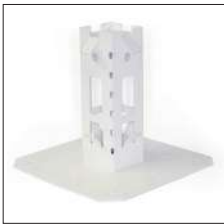MP106AMB4

MP106AMB3

DSTANDAUDEO

MSTANDAUDEO

MSTANDAUDEO

MP106NEST2 / 3

MP106NEST4

SR8

SR12

SRDA

POLE01

SR6

QRA + WH200

QRA +WH200

ADP

ARQIS U BRACKETS

ARQIS U BRACKETS

MP103AMB2 is a cluster hardware for 2 eAMBIT103 units.

MP103AMB4 is a cluster hardware for 4 eAMBIT103 units.

MP106AMB2 is a cluster hardware for 2 eAMBIT106 units.

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

MP106AMB4 is a cluster hardware for 4 eAMBIT106 units.

DSTANDAUDEO is a desktop stand for one AUDEO103 / AUDEO106 loudspeaker.

MSTANDAUDEO allows to mount an AUDEO loudspeaker on a standard microphone stand.

MP106NEST2 is a 2 NEST106 units wall mount bracket.

MP106NEST3 is a 3 NEST106 units corner mount bracket.

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

SR6 is a wall mount bracket for MP106AMB2.

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

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

ARQ108UB is a U-bracket wall-mount kit compatible with ARQIS108. Available in white and black finish.

ARQ110UB is a U-bracket wall-mount kit compatible with ARQIS110. Available in white and black finish.

ARQ112UB is a U-bracket wall-mount kit compatible with ARQIS112. Available in white and black finish.

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.

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.).

QRA + WH200 is an optional wheel kit for cabinet loud-speakers.

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

	ePLAYER1	DUO-NET PLAYER	eSAM series	SAM series	COMPACT series	NUO series	DAM614	MIMO/MI-MOSG series	DN44BOB	NXA series	ALMA series	eGPA series	GPA series	DPA series	eHSA series
MPAGE1	–	–	•	•	•	–	•	•	•	•	–	–	–	–	–
MPAGE4	–	–	–	–	–	–	•	–	–	–	–	–	–	–	–
MPAGE16	–	–	–	–	–	–	–	•	–	–	–	–	–	–	–
WPmSCREEN	–	•	–	–	–	–	–	•	–	•	–	–	–	–	–
WPTOUCH	–	–	–	–	–	–	(7)	•	(7)	(7)	(7)	–	(7)	(1) (7)	–
WPmVOL	–	–	–	–	–	–	•	•	•	•	•	–	•	(1)	–
WPmVOL-J	–	–	–	–	–	–	•	•	•	•	•	–	•	(1)	–
WPmVOL-SR	–	–	–	–	–	–	•	•	•	•	–	–	–	–	–
WPmVOL-SR-J	–	–	–	–	–	–	•	•	•	•	–	–	–	–	–
WPmH-AT3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	•
WPmH-AT6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	•
WPmH-AT100	–	–	–	–	–	–	–	–	–	–	–	–	–	–	•
WPmH-SL4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	•
WPmMIX-T	–	–	•	•	•	–	•	•	•	•	•	•	•	•	•
WPmVOL-IR	–	–	–	–	–	–	•	•	•	•	•	–	•	(1)	–
WPmCNX-XLRM	–	–	•	•	•	–	•	•	•	•	•	•	•	•	•
WPmCNX-XLRF	–	–	•	•	•	–	•	•	•	•	•	•	•	•	•
WPmCNX-JRCA	–	–	•	•	•	–	•	•	•	•	•	•	•	•	•
WP-PSU	–	–	(3)	(3)	(3)	–	(3)	(3) (4)	(3)	(3)	(3)	(3)	(3)	(3)	–
REVO-IR	–	–	–	–	–	–	–	(6)	(6)	(6)	(6)	–	(6)	(6)	–
TR2-70	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2UHRMKIT	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1UHRMKIT	•	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WPmPSCRMKIT	–	(2)	–	–	–	–	–	(2)	–	(2)	–	–	–	–	–
NUORAKI	–	–	–	–	–	•	–	–	–	–	–	–	–	–	–
PUM3	(5)	–	–	–	–	–	–	–	•	–	–	–	–	–	–
eAMBIT hardware	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
DSTANDAUDEO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MSTANDAUDEO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NEST hardware	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SR6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SR8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SR12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ARQ108UB	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ARQ110UB	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ARQ112UB	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SRDA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
POLE01 / TRIPO1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
QRA + WH200	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ADP	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

(1) When including ALMAcard module
(2) When including DLA module
(3) When including WPTOUCH or WPmMIX-T
(4) When including MPAGE16
(5) When including 1UHRMKIT
(6) When including WPTOUCH
(7) Only analogue mode

	HSA series	HZA series	eHMA series	HMA series	CA200Z	eCA series	CA series	NEST series	eAMBIT series	eMOTUS series	AUDEO series	ARQIS series	VERSO series	CKL-T series	DPC 118
MPAGE1	–	–	•	•	•	–	•	–	–	–	–	–	–	–	–
MPAGE4	–	–	–	–	•	–	°	–	–	–	–	–	–	–	–
MPAGE16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WPmSCREEN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WPTOUCH	(7)	(7)	° (7)	°	(7)	(7)	(7)	–	–	° (7)	° (7)	–	–	–	–
WPmVOL	°	•	°	•	•	•	•	–	–	°	°	–	–	–	–
WPmVOL-J	°	•	°	•	•	•	•	–	–	°	°	–	–	–	–
WPmVOL-SR	–	–	–	°	•	–	•	–	–	–	–	–	–	–	–
WPmVOL-SR-J	–	–	–	°	•	–	•	–	–	–	–	–	–	–	–
WPmH-AT3	•	•	•	•	–	°	°	–	–	–	–	–	–	–	–
WPmH-AT6	•	•	•	•	–	°	°	–	–	–	–	–	–	–	–
WPmH-AT100	•	•	•	•	–	°	°	–	–	–	–	–	–	–	–
WPmH-SL4	•	•	•	•	–	°	°	–	–	–	–	–	–	–	–
WPmMIX-T	•	•	•	•	•	•	•	–	–	°	°	–	–	–	–
WPmVOL-IR	–	•	°	•	•	•	•	–	–	°	°	–	–	–	–
WPmCNX-XLRM	•	•	•	•	•	•	•	–	–	°	°	–	–	–	–
WPmCNX-XLRF	•	•	•	•	•	•	•	–	–	°	°	–	–	–	–
WPmCNX-JRCA	•	•	•	•	•	•	•	–	–	°	°	–	–	–	–
WP-PSU	–	(3)	(3)	(3)	(3)	(3)	(3)	–	–	–	–	–	–	–	–
REVO-IR	–	(6)	° (6)	(6)	(6)	(6)	(6)	–	–	–	–	–	–	–	–
TR2-70	–	–	–	–	•	–	°	–	–	–	–	–	–	–	–
2UHRMKIT	–	–	°	°	•	–	°	–	–	–	–	–	–	–	–
1UHRMKIT	–	–	°	–	–	–	–	–	–	–	–	–	–	–	–
WPmPSCRMKIT	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NUORAKI	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PUM3	–	–	° (5)	–	–	–	–	–	–	–	–	–	–	–	–
eAMBIT hardware	–	–	–	–	–	–	–	–	°	–	–	–	–	–	–
DSTANDAUDEO	–	–	–	–	–	–	–	–	–	–	°	–	–	–	–
MSTANDAUDEO	–	–	–	–	–	–	–	–	–	–	°	–	–	–	–
NEST hardware	–	–	–	–	–	–	–	•	–	–	–	–	–	–	–
SR6	–	–	–	–	–	–	–	–	°	–	–	–	–	–	–
SR8	–	–	–	–	–	–	–	–	–	–	–	–	°	–	–
SR12	–	–	–	–	–	–	–	–	–	–	–	°	°	–	–
ARQ108UB	–	–	–	–	–	–	–	–	–	–	–	°	–	–	–
ARQ110UB	–	–	–	–	–	–	–	–	–	–	–	°	–	–	–
ARQ112UB	–	–	–	–	–	–	–	–	–	–	–	°	–	–	–
SRDA	–	–	–	–	–	–	–	–	–	–	–	°	–	–	–
POLE01 / TRIPO1	–	–	–	–	–	–	–	–	–	–	–	°	°	–	–
QRA + WH200	–	–	–	–	–	–	–	–	–	–	–	–	°	–	•
ADP	–	–	–	–	–	–	–	–	–	–	–	–	–	°	–

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

THE GREEN FACTS

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

Environmentally Sustainable AV

ecler
Sound experience Barcelona 1965

PRODUCT GUIDE 2017

All product characteristics are subject to variation due to production tolerances.
ECLER - NEEC AUDIO BARCELONA S.L. reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

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