PRODUCT GUIDE 2018

ecler

ABOUT US

Throughout all these 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.

OUR VALUES

EXPERIENCE

Reliability is a must. Every **ECLER** product is 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 pro-audio solutions that require a pioneer approach. SPM amplification patented technology and EclerNet proprietary hardware&software platform, including Ethernet remote control of the MIMO digital matrices, NXA digital audio managers and DUO-NET PLAYERs, are clear examples of our achievements.

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 touchscreen 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 are really committed with the planet's health, energy saving and CO_2 emission reduction. Energy Star certification, 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 60 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.

BURBERRY
(GUANGZHOU AIRPORT - CHINA)

CARTIER, CHANGI AIRPORT (SINGAPORE)

BULGARY, CHANGI AIRPORT (SINGAPORE)

SHOPPES COMMERCIAL CENTRE - MARINA BAY SANDS, (SINGAPORE)
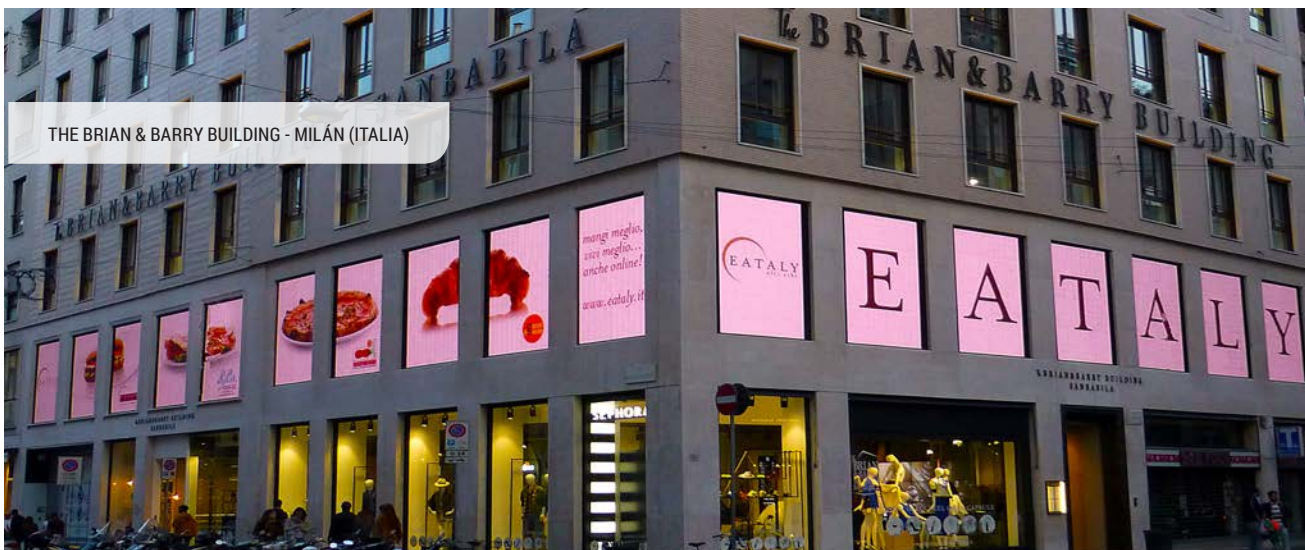
MANGO, MADRID (SPAIN)

BENETTON MADRID & BARCELONA (SPAIN)

PIERRE CARDIN (WARSAW)

THE BRIAN & BARRY BUILDING - MILÁN (ITALIA)

PRINTEMPS HAUSSMANN (FRANCE)

H&M (BUDAPEST)

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.

HÔTEL MONT-ROYAL - CHANTILLY (FRANCE)
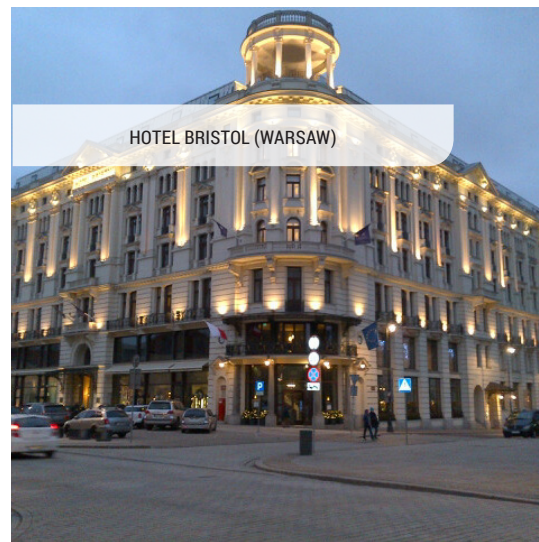
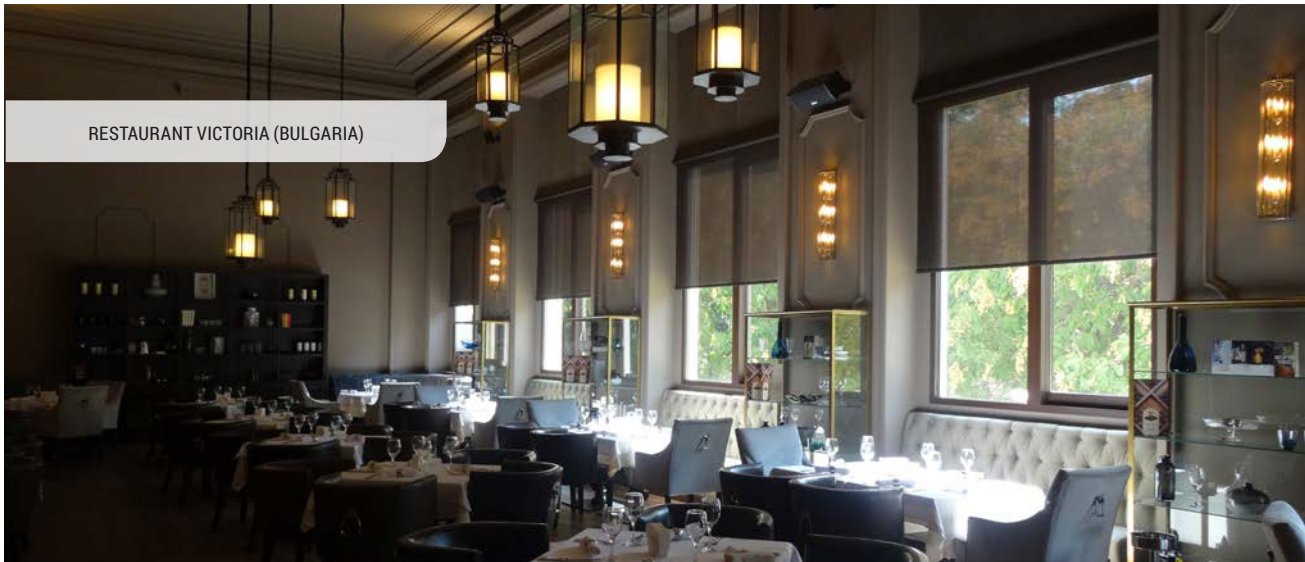HOTEL BRISTOL (WARSAW)
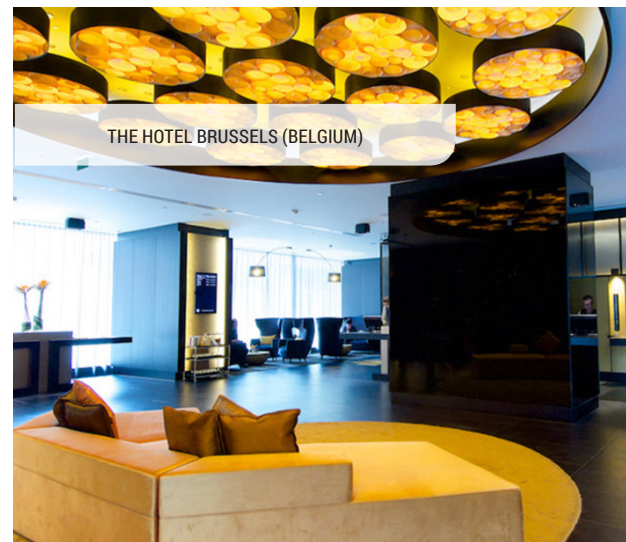
THE HOTEL BRUSSELS (BELGIUM)

BUDHA BAR (MOROCCO)

RESTAURANT SPILER (BUDAPEST)

HOTEL SHERATON (ISTANBUL)

RESTAURANT VICTORIA (BULGARIA)

HOTEL LOUIS XIII (CHINA)

RESTAURANTE NOOBOK & UMA (BARCELONA)

HOTEL ONLY YOU (MADRID)

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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.

PRIMULATOR TRAINING CENTRE (POLAND)

ESCOLA DA ASSOCIAÇAO GERAL DAS MULHERES DE MACAU (CHINA)

MACKAY MEDICINE, NURSING AND MANAGEMENT SCHOOL (TAIPEI)
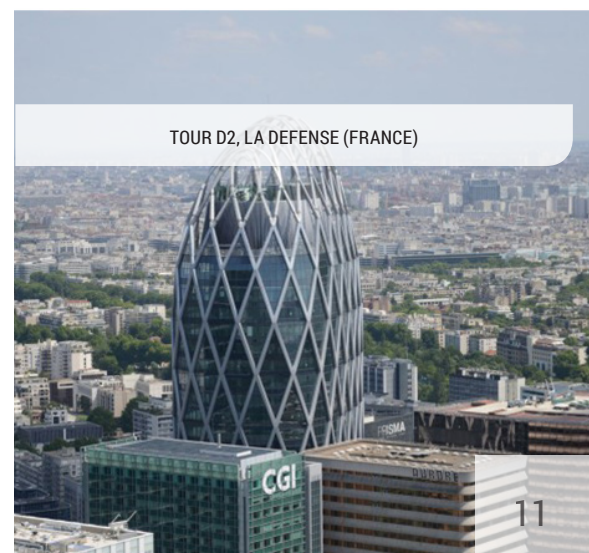

MARIE CURIE UNIVERSITY (LUBLIN - POLAND)

EXPO KRAKOW (POLAND)

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)

GIUGIARO SHOWROOM (ITALY)

EUROPEAN COUNCIL BRUSSELS (BELGIUM)

KASTEEL KEVERBERG (NEDERLANDS)

MENARA TELEKOM, (MALASIA)

ESPACIO MOOD MADRID, SERRANO (SPAIN)

TOUR D2, LA DEFENSE (FRANCE)

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)

MCFIT, GRAN VIA BARCELONA (SPAIN)

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.

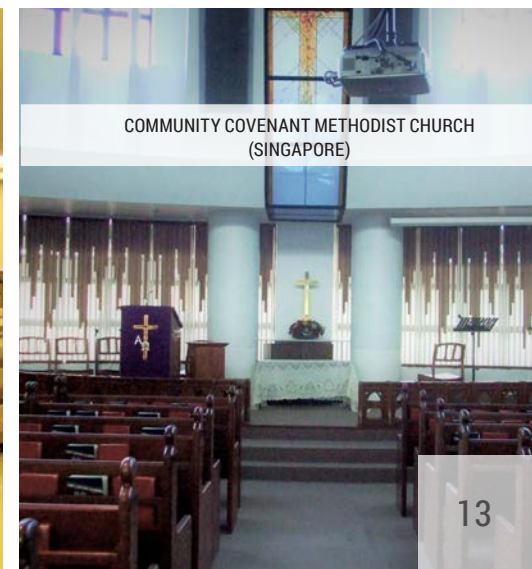SYNAGOGA CHMIELNIK (POLAND)
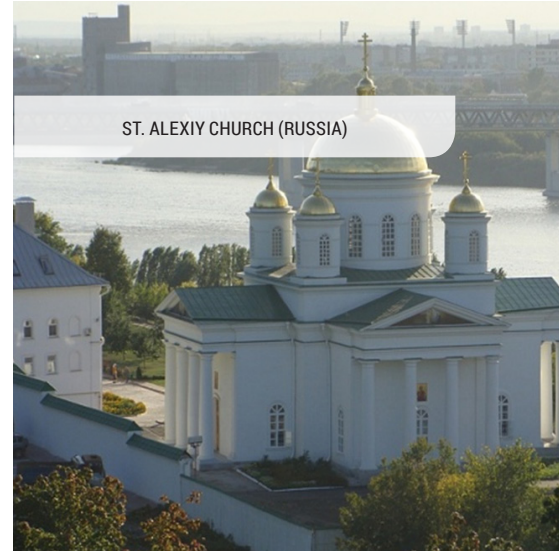
ST. ALEXIY CHURCH (RUSSIA)

OUR LADY OF LOURDES CATHOLIC CHURCH (SINGAPORE)

IGLESIA COLEGIO DE CALASANZ (SPAIN)

BUDDHIST TEMPLE (SINGAPORE)

COMMUNITY COVENANT METHODIST CHURCH (SINGAPORE)

LEISURE/

There is a wide range of available leisure installations: museums, theme parks, theaters, cinemas, bars or clubs...
In a museum audio can play a role of as part of interactive multimedia presentation or as a public address system. Audio therefore must be able to be integrated with video or other multimedia devices. In a theme park it can entertain the visitors by playing music or direct voice messages to them. Audio will be placed outdoors in most of the cases and for this reason equipment must be designed to perform under different extreme weather conditions.
In a theater or cinema you want to understand the dialogue perfectly and, at the same time, you want to be transported to a different world for a couple of hours. In this case the music soundtrack and special effects will be often employing a multichannel immersive sound system. Good intelligibility and audio dynamics will always be key factors. In a bar music can create the perfect atmosphere to drink a beer and chat with friends without needing to shout to be heard. An excellent sound quality is a must if we don't want to create audio and vocal fatigue. In a club music is the key factor: it must make us dance. Without good sound there is no party. Reliability and a sound system with enough definition and punch, able to deliver all the power all the time, is essential.

MARINELAND ANTIBES (FRANCE)

OCEANOGRÁFICO (CIUDAD DE LAS ARTES) (SPAIN)

HAUBENTAUCHER BERLIN (GERMANY)
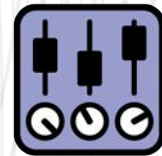
JOA MONTROND (FRANCE)

INDEX
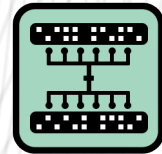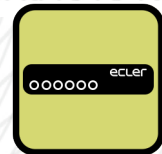
1.1 MICROPHONES

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 AUDIO PLAYERS

A choice of media players ranging from our basic **eSAS-BT** or **eWAMPBT+**, to the top-notch **ePLAYER1** (Single Streaming receiver and media player) or **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
- Conferencing
- Voice messages

ACCESSORIES

eMHH1 / eMHH2:
- MBSTAND / MDSTAND

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.

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.

eMHH1

eMHH2

eMBASE

eMBASE

eMCN2

eMCN1

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.

eMWR is a wireless UHF 823-832MHz 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 823-832MHz handheld microphone transmitter, compatible with the eMWR receiver. It includes a transport bag.

eMWE is a wireless UHF 823-832MHz beltpack transmitter compatible with the mini-XLR microphones, like the eMHS1BG, eMICFIT, eMLV1, and the eMWR receiver. It includes a transport case.
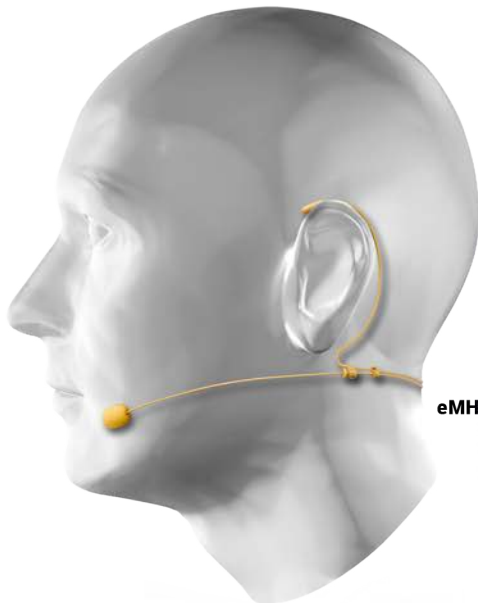
eMHS1BG

eMLV1

eMICFIT

eMHS1BG

eMWH

eMWE

eMWR

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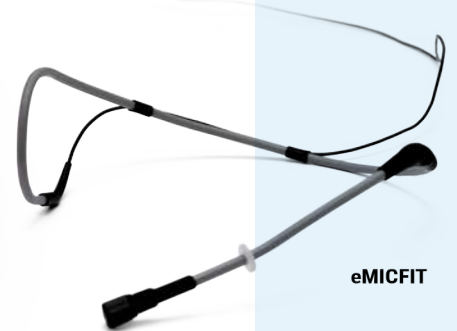 card), Internet streams or digital sharing streams (DLNA and Airplay compatible). It includes Ethernet port, WiFi connection, USB and SD reader slots, front panel LCD display and local controls.

ACCESSORIES

- 1UHRMKIT
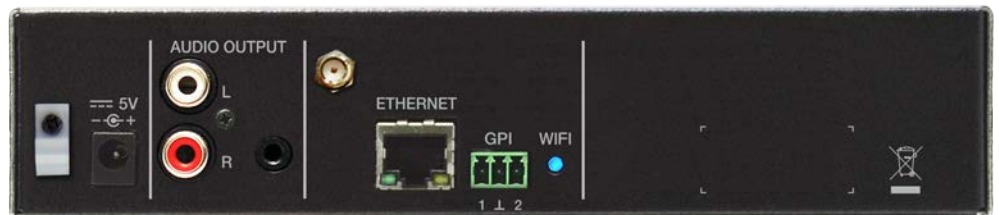
ePLAYER1

KEY FEATURES

- Single-deck audio player
- Stereo output, RCA connectors and mini-jack
- 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
- **New modular firmware**: ePLAYER1 now has a new firmware with modular services that makes it possible for each user to personalize the way it works and adapt it to individual requirements for your project or business model. This new firmware includes, among other new functions and services, calendar events trigger, synchronization of contents hosted in the cloud (Cloud Disk Sync) and execution of "scripts" (files of instructions written by the user, Lua language – www.lua.org).

	ePLAYER1
Audio outputs	1 x stereo unbalanced, LINE level, RCA type + minijack
Communication Interfaces	1 x Ethernet (RJ45), 1 x WiFi, 2 x GPI (0-10 VDC)
Local media	USB, SD/SDHC
Others	RTC included, 120 hours aprox.
Dimensions / Weight	HxWxD: 44 (1 RU)x200x120mm / 800 g
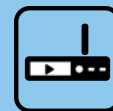
eSAS-BT / eWAMPBT+

APPLICATIONS

- Audio sound source in A/V corporate, retail and education applications
- BGM
- Hotel rooms (eWAMPBT)

eSAS-BT is a stereo audio source including FM tuner, USB slot, SD slot and BT 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.

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

ACCESSORIES

- eWAMPBTFBOX

eSAS-BT Controller

eSAS-BT

eWAMPBT+ Controller
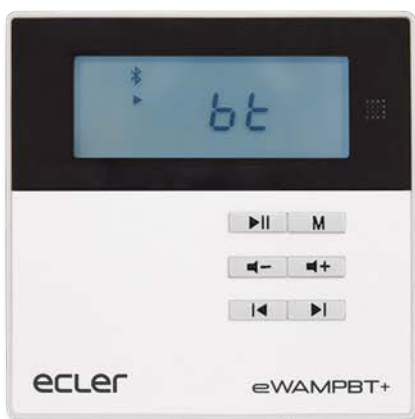
eWAMPBT+

eWAMPBT+ Wall-mount box

KEY FEATURES

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

eWAMPBT+:
- Built-in media player
- 2x10W RMS @ 8ohm
- AUX input and AUX output
- Infrared remote control and wall-mount box included

	eSAS-BT	eWAMPBT+
Audio outputs	1 x stereo unbal. + 1 x stereo bal.	2 X 10WRMS @ 8Ω (min. load / ch.) + 1 LINE OUT
Audio inputs	-	1 LINE IN
Local media	USB, SD, FM tuner, BT conection	USB, SD, FM tuner, BT connection
Accessories included	IR remote control + FM antenna + 2x RCA cables + rack-mount bracket	IR remote control + surface-mount box
Dimensions / Weight	HxWxD: 44 (1RU)x435x132mm / 1,4 kg.	HxWxD: 86x86x38mm / 140 g.

DUO-NET PLAYER

APPLICATIONS

- Audio sound source in A/V
- BGM & Paging solutions, with message priorities
- 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.

ACCESSORIES

- WPmSCREEN

DUO-NET PLAYER Controller

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 remote control
Dimensions	HxWxD: 44 (1 RU)x482,6x120mm / 1,8 g.

2.1 INSTALLATION PREAMPS. & MIXERS

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.
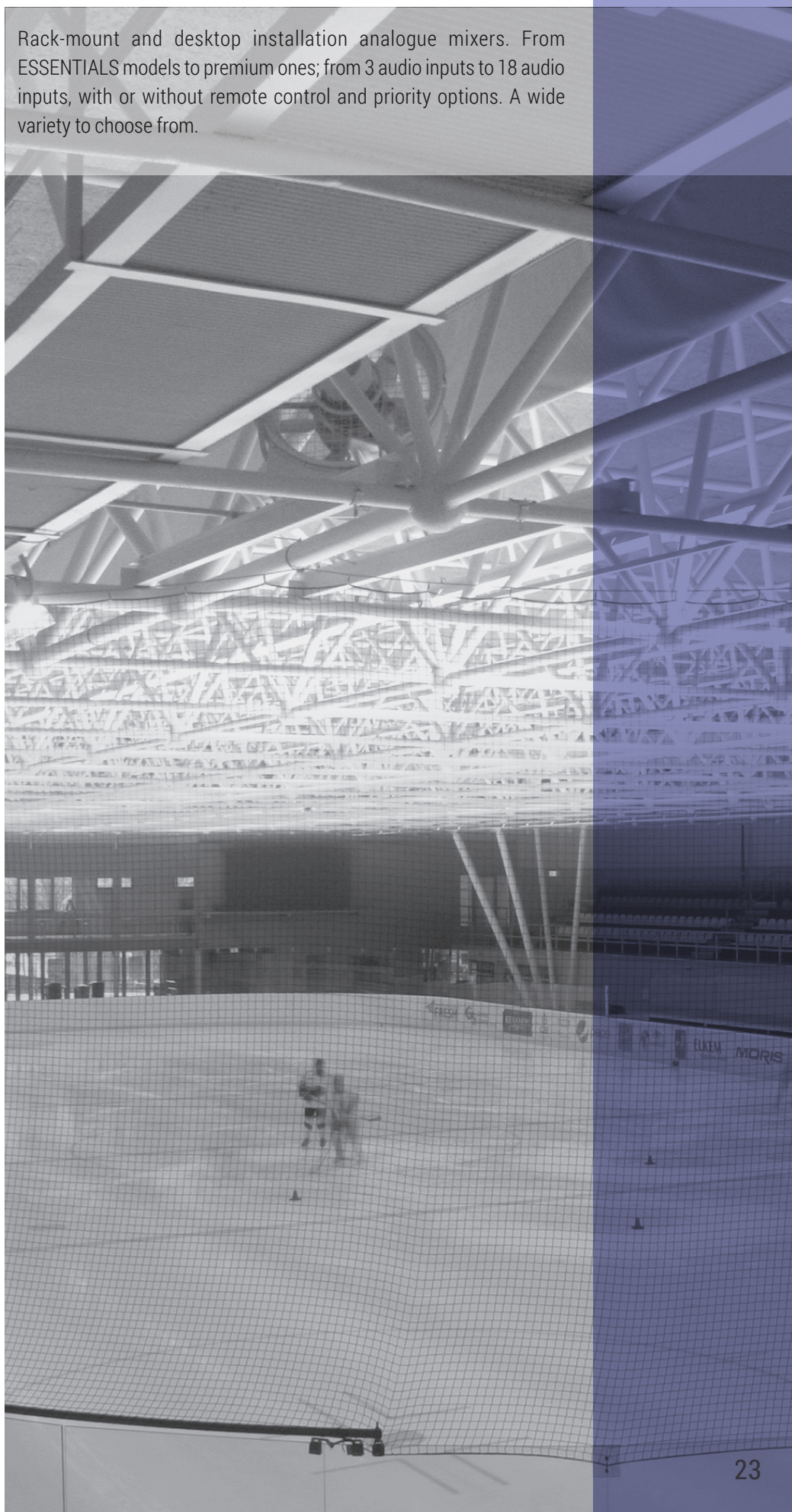
eSAM402 / eSAM702 / eSAM603

APPLICATIONS

- Gyms
- Restaurants
- Retail shops
- Boardrooms and conference centres
- Education centres

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.

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.

ACCESSORIES

- MPAGE1r
- WPaMIX-T

eSAM402

eSAM702

eSAM702

eSAM603

eSAM603

KEY FEATURES

eSAM series:

- 19" installation mixer
- MIC/LINE ST inputs & LINE ST inputs (eSAM603: additional MIC input)
- eSAM402 & eSAM702: 1 main mix output and one AUX/REC additional output.
- eSAM603: 1 ST/2 MONO main mix output and one MONO output. One AUX/REC additional output
- eSAM402 & eSAM702: 3 band tone control section.
- eSAM603: 2 x 3-band tone control section (A/B and C)
- 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

	eSAM402	eSAM702	eSAM603
Inputs	3 MIC/ST LINE + 1 ST LINE	6 MIC/ST LINE + 1 ST LINE	4 MIC/ST LINE + 1 MIC + 1 ST LINE
Outputs	1 MAIN ST + 1 AUX/REC	1 MAIN ST + 1 AUX/REC	1 MAIN ST/ 2 MONO (selectable) + 1 MONO + AUX/REC
Tone control	Bass, mid & treble (mix)	Bass, mid & treble (mix)	Bass, mid & treble (per mix)
Remote control	MUTE contact	MUTE contact	MUTE contact
Dimensions / Weight	HxWxD: 44 (1RU)x482,6x120mm / 1,7 kg.	HxWxD: 44 (1RU)x482,6x120mm / 1,8 kg.	HxWxD: 44 (1RU)x482,6x195mm / 2,1 kg.

APPLICATIONS

- Gyms
- Restaurants
- Retail shops
- Boardrooms and conference centres
- Education centres

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.

ACCESSORIES

- MPAGE1r
- WPaMIX-T

SAM412T

SAM612T

SAM612T

KEY FEATURES

SAM Series:

- 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

	SAM412T	SAM612T
Inputs	4 MIC/ST LINE + 1 ST MIX	6 MIC/ST LINE + 1 ST MIX
Outputs	2 MAIN ST + 1 REC	1 MAIN ST + 1 AUX/REC
Tone control	Bass, mid & treble (per input)	Bass, mid & treble (per input)
Remote control	MUTE contact	MUTE contact
Dimensions / Weight	HxWxD: 44 (1RU)x482,6x195mm / 2,4 kg.	HxWxD: 44 (1RU)x482,6x195mm / 2,0 kg.

COMPACT5 / COMPACT8

APPLICATIONS

- Pubs
- Night Clubs
- Gyms
- 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 & 60mm 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	HxWxD: 132,5 (3RU)x482,6x200mm / 3,7 kg.	HxWxD: 177 (4RU)x482,6x221,6mm / 5,2 kg.

3.1 DIGITAL MATRIXES

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.

3.2 DIGITAL AUDIO MANAGERS

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.

3.3 DIGITAL PROCESSORS

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.

MIMO88
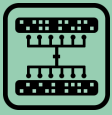
APPLICATIONS

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

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.

ACCESSORIES

- MPAGE16
- Serie WPa
- WPTOUCH
- WPmSCREEN
- eMPAGE

EclerNet Manager

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	HxWxD: 44 (1RU)x482,6x266,5mm / 3,5 kg.
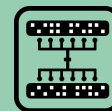
MIMO88SG / MIMO1212SG

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/MIMO1212SG (MIMO 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.

ACCESSORIES

- MPAGE16
- Serie WPa
- WPTOUCH
- WPmSCREEN
- eMPAGE

MIMO88SG

MIMO1212SG

MIMO1212SG

KEY FEATURES

- MIMO88SG: 8x8 digital matrix (not expandable)
- MIMO1212SG: 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

	MIMO88SG	MIMO1212SG
Inputs	8 MIC/LINE Bal. (Euroblock)	12 MIC/LINE Bal. (Euroblock)
Outputs	8 Bal. (Euroblock)	12 Bal. (Euroblock)
Communication Interfaces	1 Ethernet + 1 RS232	1 Ethernet + 1 RS232
Remote control	8 GPI + 1 Digital control bus	12 GPI + 1 Digital control bus
Dimensions / Weight	HxWxD: 44 (1RU)x482,6x266,5mm / 3,5 kg.	HxWxD: 44 (1RU)x482,6x266,5mm / 3,5 kg.
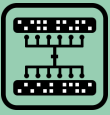
MIMO CONFERENCE

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.
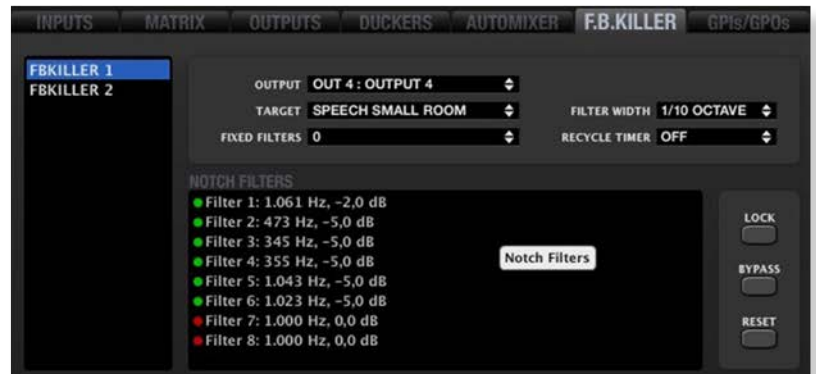
KEY FEATURES

- 8x8 configuration: up to 4 independent output mixes & 4 auxiliary outputs (MIMO88, MIMO88SG)
- 12x12 configuration: up to 4 independent output mixes & 8 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

30
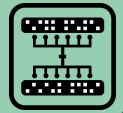
APPLICATIONS

- 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.
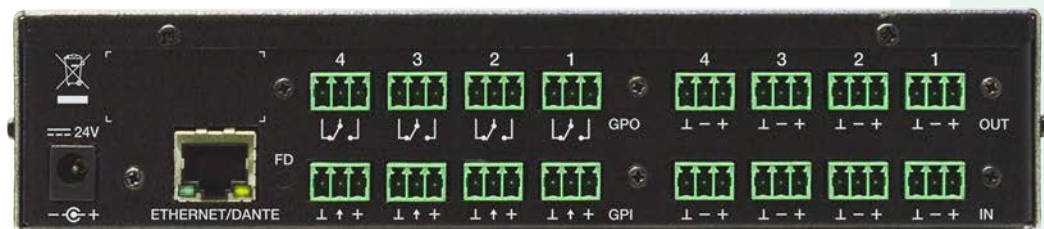
DN44BOB

ACCESSORIES
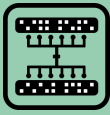
- WPa Series
- PUM3

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	HxWxD: 44 (1RU)x241x152mm / 1,1 kg.

eMIMO1616

APPLICATIONS

- Solutions for background music and notices with message priority and selection of source/independent volume.
- Public address system for corporate spaces, catering, leisure centres, outlets, public buildings, etc.

eMIMO1616 is a digital audio matrix with 16 input and 16 output analogue channels. The input channels are: 4 channels for MIC/MONO LINE, 4 channels for ST LINE and 8 channels for MONO LINE received on the unit's REMOTE ports, from wall panels Emcontrol1. The 16 output channels can be set up individually (MONO zones) or in pairs (STEREO zones). 8 REMOTE ports for connecting monitoring wall panels + sending audio from the zones. 2 ports for connecting pager consoles. 2 audio signal priority levels (talkover/pager). Programming by integrated web server and standard web navigator, without the need to install additional software. Remote control for the user with the eMIMO pilot application, available for Android and iOS devices.

ACCESSORIES

- eMCONTROL1
- eMPAGE
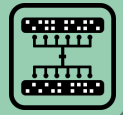
eMIMO1616

KEY FEATURES

- 16x16 digital matrix
- Programming and control by integrated web server and standard web navigator (no additional software required).
- Control from the front panel and user remote control by:
  - eMCONTROL1 wall panels (up to 8)
  - eMPAGE warning consoles (up to 2)
  - pilot eMIMO application, compatible with Android and iOS: control graphic panels set to user requirements
  - TP-NET protocol for control and integrating with third party systems
- Control available, by zone (output): selection of audio source (input), volumen adjustment and MUTE, 3 band tone adjustment
- Input distribution, by type:
  - 4 x ST LINE
  - 4 x MICRO / MONO LINE with priority function that can be activated
  - 8 x MONO LINEA available in REMOTE ports, from wall panels and eMCONTROL1
- Priority function with two levels: inputs 5 to 8 MIC/LINE can attenuate (or completely mute) the sound content present (program audio) in specific target zones (emergency messages, warnings, etc.), in Talkover or Pager mode
- MUTE port can be activated by closing the external dry contact, affecting programmed outputs to this effect

	eMIMO1616
Inputs	4 MIC/LINE + 4 ST LINE + 8 Mono LINE
Outputs	16 Bal. (Euroblock)
Communication Interfaces	1 Ethernet + 1 RS232
Remote control	8 ports (RJ45)
Dimensions / Weight	HxWxD: 88 (2RU)x482,6x200mm / 3,7 kg.

eMIMO1616

eMIMO pilot is an end-user remote control application to manage one or several installation zones. Each end-user grants a customised access via his/her credentials, getting access to a closed list of control panels which have been previously decided by the eMIMO1616 Administrator. The Administrator configures and manages everything in the eMIMO1616 using its integrated webserver and a standard web browser from a computer or mobile device, and without the need of additional software installation. Each control panel can include volume & mute controls and/or audio sources selection keys and/or 3-band tone controls.

eMIMO pilot app is available for Android and iOS devices.
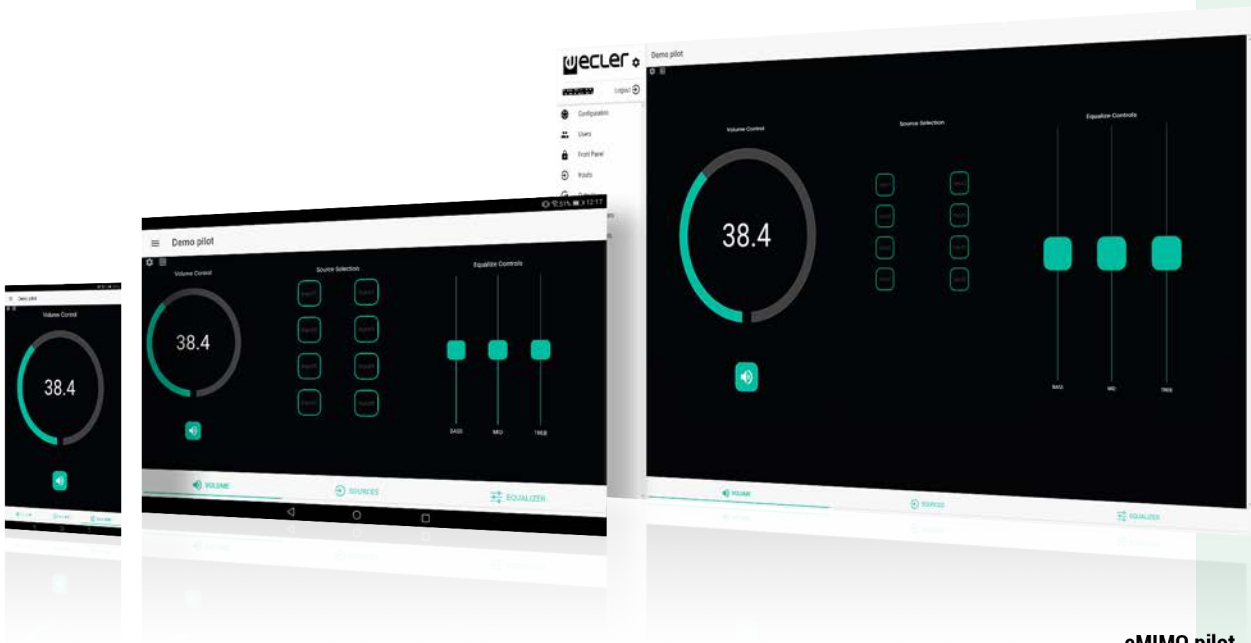
eMIMO pilot
Scalable & editable panels (compatible with smartphones, tablets & desktop devices)

eMIMO1616

eGPA8-150
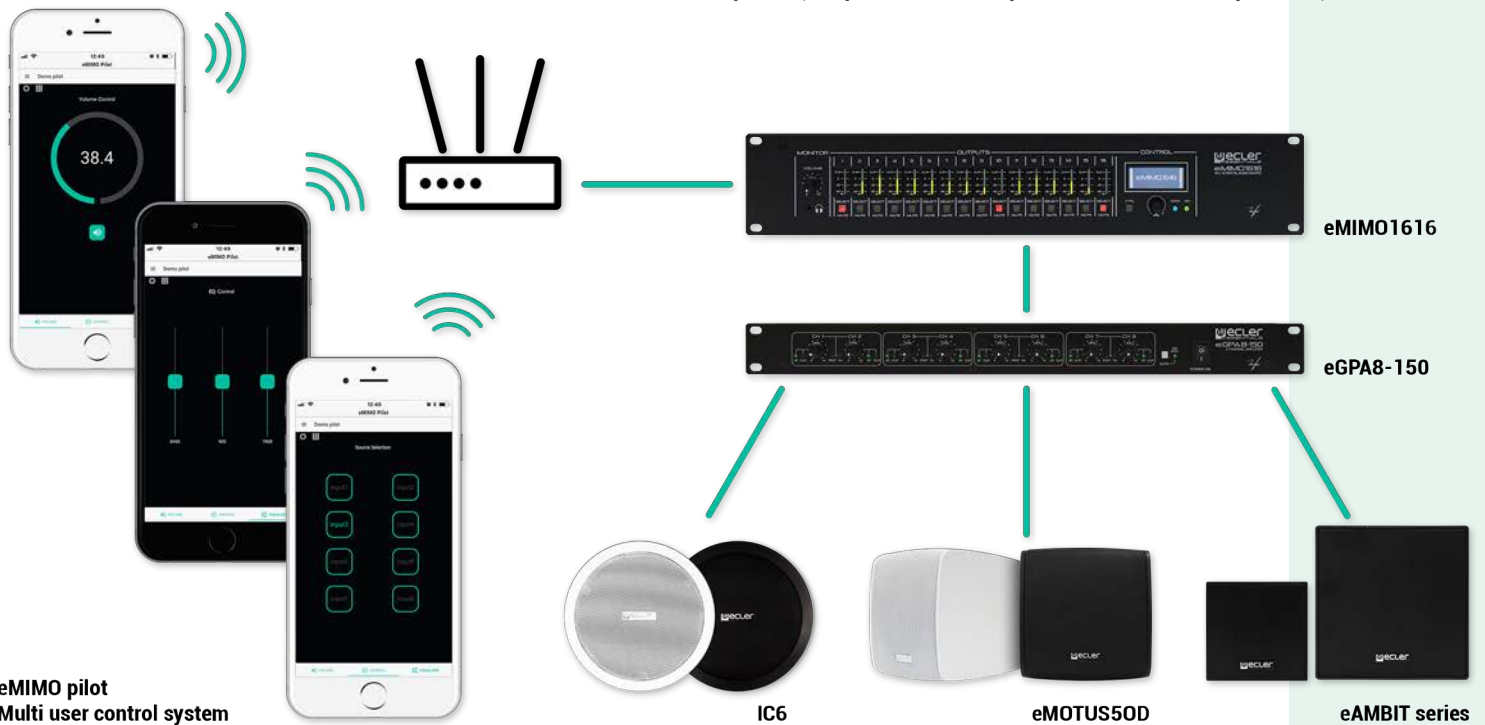
eMIMO pilot
Multi user control system
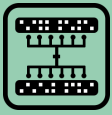
IC6

eMOTUS5OD

eAMBIT series

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.

EclerCOMM Manager

ACCESSORIES

- MPAGE4
- Serie WPa

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	HxWxD: 44 (1RU)x482,6x120mm / 2,0 kg.

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

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

1 2 3 4 5 6
LEVEL LEVEL LEVEL LEVEL LEVEL LEVEL

3 in 1 DEVICE

NETWORKABLE DIGITAL DEVICE
AUDIO COMPACT MATRI**X**
MULTICHANNEL **A**MPLIFIER

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

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

www.ecler.com

ecler
Sound experience   Barcelona 1965

APPLICATIONS

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

NXA is a series of a powered digital audio managers 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.

NXA4-400

ACCESSORIES

- WPa Series
- WPmSCREEN

NXA4BC:
- Sound Pressure Level Limiter/ Controller (software)

NXA6-200

NXA6-200

KEY FEATURES

- NXA4-80 / NXA4-200 / NXA4-400 models: 4 analogue audio inputs x 4 powered audio outputs (80/200/400 W per channel, respectively). 4 GPI ports
- NXA6-80 / NXA6-200 models: 6 analogue audio inputs x 6 powered audio outputs (80/200 W per channel, respectively). 6 GPI ports
- 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
1 channel @ 4Ω (RMS)	85W	202W	416W
1 channel @ 8Ω (RMS)	51W	121W	230W
All channels @ 4Ω (RMS)	66W	168W	330W
2 bridged channels @ 8Ω (RMS)	160W	383W	760W
Dimensions / Weight	HxWxD: 88 (2RU)x482,6x373mm / 8,6 kg.	HxWxD: 88 (2RU)x482,6x373mm / 11,1 kg.	HxWxD: 88 (2RU)x482,6x373mm / 15,6 kg.
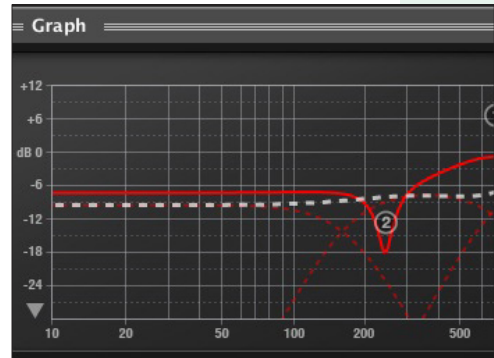
NXA4-80

NXA4-200

NXA4-400

NXA6-80

	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	HxWxD: 88 (2RU)x482,6x373mm / 10,2 kg.	HxWxD: 88 (2RU)x482,6x373mm / 12,9 kg.

ALMA24 / ALMAcard / ALMA26

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).

ALMA26

ALMA26

ALMA24

ACCESSORIES

- WPa Serie

EclerCOMM Manager
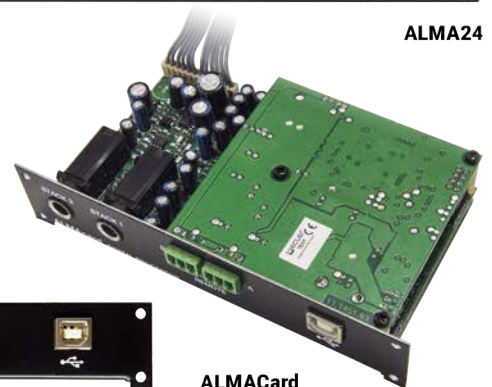
ALMACard

KEY FEATURES

ALMA24 / ALMAcard:

- 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)

ALMA26:

- 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)

	ALMAcard	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	HxWxD: 30x143x75mm / 230 g.	HxWxD: 44 (1RU)x482,6x120mm / 1,8 kg.	HxWxD: 44 (1RU)x482,6x120mm / 1,8 kg.

4.1 LOW IMPEDANCE

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.

4.2 HIGH IMPEDANCE

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.

4.3 MIXING AMPLIFIERS

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.

4.4 COMPACT AMPLIFIERS

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. In addition, eLPA2-350 model includes Jack 6,35mm and RCA inputs
■ Amplified outputs with terminal-type connectors and Speakon® connectors
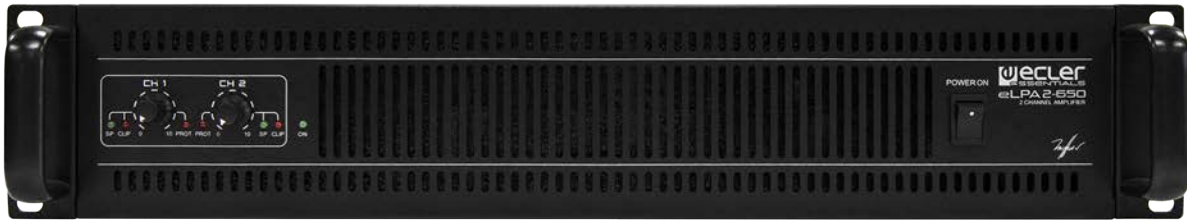
eLPA2-650
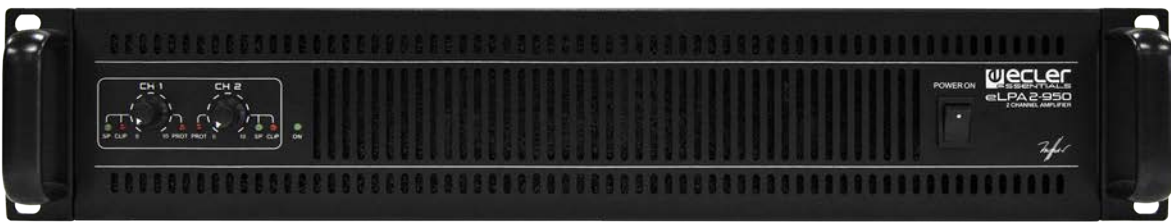
eLPA2-950

eLPA-1400

eLPA-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
2 Bridged Channels @ 8 Ω (RMS)	560W	1220W	1840W	2600W
Internal crossover	Yes	No	No	No
Dimensions / Weight	HxWxD: 88 (2RU) x482,6x266mm / 5,5 kg.	HxWxD: 88 (2RU) x482,6x266mm / 6,0 kg.	HxWxD: 88 (2RU) x482,6x266mm / 6,2 kg.	HxWxD: 88 (2RU) x482,6x304mm / 6,3 kg.

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.

ACCESORIES

- CNXEBLINK4

eGPA2-150

eGPA2-150

eGPA2-300

eGPA2-300

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

	eGPA2-150	eGPA2-300
1 channel @ 4Ω (RMS)	148W	310W
1 channel @ 8Ω (RMS)	74W	165W
All channels @ 4Ω (RMS)	145W	310W
2 bridged channels @ 8Ω (RMS)	290W	600W
Dimensions / Weight	HxWxD: 44 (1RU)x482,6x161mm / 2,7 kg.	HxWxD: 44 (1RU)x482,6x221mm / 3,4 kg.

eGPA Series

eGPA4-150

eGPA4-150

eGPA8-150

eGPA8-150

eGPA2-150

eGPA2-300

eGPA4-150

eGPA8-150

	eGPA4-150	eGPA8-150
1 channel @ 4Ω (RMS)	148W	148W
1 channel @ 8Ω (RMS)	74W	74W
All channels @ 4Ω (RMS)	145W	145W
2 bridged channels @ 8Ω (RMS)	290W	290W
Dimensions / Weight	HxWxD: 44 (1RU)x482,6x221mm / 3,7 kg.	HxWxD: 44 (1RU)x482,6x341mm / 6,5 kg.

MPA4-150R

APPLICATIONS

MPA4-150R **is a 4 x 150 W multichannel amplifier, for high end installations.**

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

MPA4-150R

MPA4-150R

ACCESSORIES

- WPa Series

KEY FEATURES

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

	MPA4-150R
1 channel @ 4Ω (RMS)	182W
1 channel @ 8Ω (RMS)	116W
All channels @ 4Ω (RMS)	146W
2 bridged channels @ 8Ω (RMS)	370W
Dimensions / Weight	HxWxD: 88 (2RU)x482,6x280mm / 9,3 kg.

APPLICATIONS

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

ACCESSORIES

- WPa Series

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 2x390WRMS @ 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 2x640WRMS @ 4 Ω, and ready to drive 2Ω loudspeaker loads (4 x 8 Ω loudspeakers in parallel, per channel).

GPA2-400

GPA2-400

GPA2-800

GPA2-800

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	HxWxD: 88 (2RU)x482,6x373mm / 10,8 kg.	HxWxD: 88 (2RU)x482,6x423mm / 13,5 kg.

DPA2000 / DPA4000T

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 is a stereo amplifier delivering 2 x 940 WRMS @ 4 Ω, and ready to drive 2Ω loudspeaker loads (4 x 8 Ω loudspeakers in parallel, per channel).

DPA4000T is a stereo amplifier delivering 2 x 1900 WRMS @ 4 Ω, and ready to drive 2Ω loudspeaker loads (4 x 8 Ω loudspeakers in parallel, per channel).

DPA2000

ACCESSORIES

- ALMAcard

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	HxWxD: 88 (2RU)x482,6x470mm / 22,7 kg.	HxWxD: 132,5 (3RU)x482,6x532mm / 34,1 kg.

APPLICATIONS

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

eHSA 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.

eHSA2-150

eHSA2-150

eHSA4-150

eHSA4-150

KEY FEATURES

- eHSA2-150: 2x150W @ 70/100V
- eHSA4-150: 4x150W @ 70/100V
- 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	HxWxD: 44 (1RU)x482,6x221mm / 6,1 kg.	HxWxD: 44 (1RU)x482,6x341mm / 10,5 kg.

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.

ACCESSORIES

- WPa Series

HSA300

HSA2-400

HSA2-400ES

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	HxWxD: 88 (2RU)x482,6x285mm / 8,4 kg.	HxWxD: 88 (2RU)x482,6x373mm / 16,4 kg.

APPLICATIONS

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

HZA4-70F/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

ACCESSORIES

- ■ WPa Series

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	HxWxD: 88 (2RU)x482,6x392mm / 12,8 kg.	HxWxD: 88 (2RU)x482,6x392mm / 13,6 kg.

APPLICATIONS

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

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

eHMA60

ACCESSORIES

eHMA60/eHMA120:
- 1UHRMKIT

eHMA240:
- 2UHRMKIT

eHMA120

eHMA240

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	HxWxD: 44 (1RU)x200x150mm / 1,9 kg.	HxWxD: 44 (1RU)x435x120mm / 2,9 kg.	HxWxD: 88 (2RU)x435x200mm / 5,8 kg.

HMA120 / HMA180

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.

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.

APPLICATIONS

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

ACCESSORIES

- 2UHRMKIT (**HMA180**)
- WPa Serie
- WPTOUCH
- MPAGE1r

HMA120

HMA180

KEY FEATURES

HMA120:
- 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

HMA180:
- 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)

	HMA120	HMA180
1 channel @ 8Ω (RMS)	84W @ 8Ω / 110W @ 4Ω	145W
1 channel @ 70/100V(RMS)	110W	145W
Inputs	3 LINE + 1 MIC/LINE + 1 MIC + Media player (USB + SD)	4 MIC + 4 LINE
Outputs	1 Hi-Z + 1 Lo-Z + 1 AUX	1 Hi-Z + 1 Lo-Z + 1 AUX + 1 INSERT
Dimensions / Weight	HxWxD: 88 (2RU)x210x230mm / 6,0 kg.	HxWxD: 88 (2RU)x482,6x285mm / 7,0 kg.

APPLICATIONS

- Audio Over IP transmission, using standard Ethernet networks
- Dante™ digital audio receiver
- Priority messages management
- Education, Retail Centers, Museums, Etc.

eCA120DN is a 2 x 60 WRMS @ 4Ω high efficiency (class D) stereo compact amplifier. It features 2 x analogue audio inputs and 2 x DanteTM audio inputs, both with selectable priority function (over the other input signal) as well as an auxiliary audio output. Auto stand-by function (selectable) and fanless design (100% silent). It also has a remote control volume port compatible with ECLER WPa wall-panel control series. Universal external power supply included.

eCA120HZDN is a 120 WRMS @ 100V efficiency (class D) mono compact amplifier for high impedance lines, with the same features than eCA120DN.

ACCESSORIES

- 1UHRMKIT
- WPa Series

eCA120DN

eCA120HZDN

KEY FEATURES

- 2 x 60 W RMS @ 4 output (eCA120DN)
- 1 x 120W RMS @ 100V output (eCA120HZDN)
- 1 x auxiliary audio output (Euroblock connector), for connecting to a sub-woofer unit e.g.
- 1 x unbalanced stereo input (LINE INPUT), with dual RCA connector and 3-in Euroblock connector
- 2 x Dante™ audio input (DANTE INPUT), with RJ-45 connector
- Selectable PRIORITY FUNCTION with selectable priority signal: the analogue audio input (LINE INPUT) can be selected as priority signal over the Dante™ audio input (DANTE INPUT), or vice versa.
- Priority release time adjustment (FAST / SLOW).
- Selectable AUTO STANDBY function: in the absence of an audio signal the unit automatically goes into STANDBY mode, minimizing power consumption.
- Gain adjust of audio inputs on front panel (trimmers)
- Local volume control by knob
- Remote volume control (RJ-45 connector.) via WPa wall-panel control series (0-10 VDC).
- Lightweight, silent, high-performance amplifier (fan-free convection cooling).
- External, universal power supply (included)

	eCA120DN	eCA120HZDN
1 channel @ 4Ω (RMS)	68W	-
1 channel @ 70/100V(RMS)	-	98W
Inputs	1 LINE ST + 2 Dante	1 LINE ST + 2 Dante
Remote control	1 RJ45	1 RJ45
Dimensions / Weight	HxWxD: 44 (1RU)x200x120mm / 0,9 kg.	HxWxD: 44 (1RU)x435x120mm / 2,8 kg.

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

ACCESSORIES

- WPa Series

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	HxWxD: 48x190x90mm / 600 g.	HxWxD: 48x190x190mm / 2,3 kg.

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

CA Series remote controller

ACCESSORIES

- MPAGE1r
- WPa Series

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	CA120HZ
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	HxWxD: 45x155x155mm / 650 g.	HxWxD: 48x160x210mm / 950 g.	HxWxD: 48x160x325mm / 2,9 kg.

CA200Z

APPLICATIONS

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

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

ACCESSORIES

- 2UHRMKIT
- MPAGE4
- TR2-70
- Serie WPa
- MPAGE1r
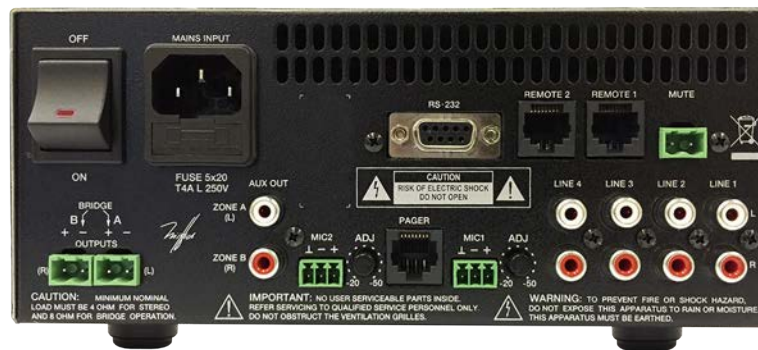
CA200Z Controller

CA200Z

KEY FEATURES

- 4 LINE ST & 2 MIC audio inputs, with independent routing and levels for outputs A and B
- 2 x 70 WRMS @ 4 Ω audio outputs
- STEREO, MONO, BRIDGE or independent ZONES A/B working modes
- 2-level Talkover / Pager priority system
- 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

	CA200Z
1 channel @ 8Ω (RMS)	38W @ 8Ω / 70W @ 4Ω
2 bridged channels @ 8Ω (RMS)	97W
Inputs	4 LINE + 2 MIC
Remote control	IR + 2 RJ45 + RS232 (EclerCOMM & CA-NET)
Dimensions / Weight	HxWxD: 88 (2RU)x210x230mm / 2,3 kg.

5.1 IN-CEILING

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.

5.2 CABINETS

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.

5.3 SPECIALIZED

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...
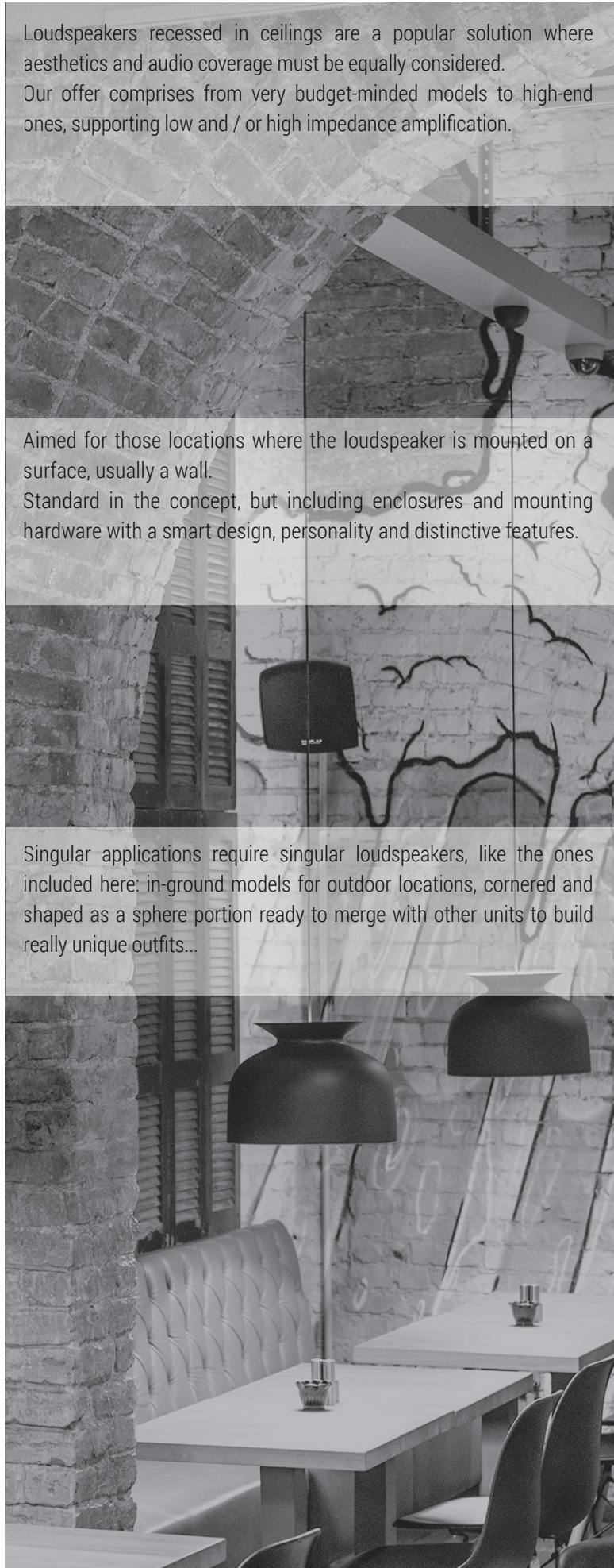
eIC Series

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

eIC51-F

eIC51-F Fast mount system

eIC51

eIC52

eIC52MS

eIC5154

KEY FEATURES

■ Built-in audio transformer for 70/100 V use
■ EN54-24 Certified (eIC5154)
■ Suitable for installations exposed to extreme humidity and/or temperature (eIC52MS)
■ EASE Win file available

	eIC51-F	eIC51	eIC52	eIC5154	eIC52MS
RMS power / Program power (8Ω)	-	10W / 20W	20W / 40W	-	20 / 35W
Woofer / tweeter	5" / -	5,25" / -	5,25" / 0,75"	5" / -	5" / 1"
Power selector @ 100V	3/6 W	3/6 W	3/6 W	0,38/0,75/1,5/3/6 W	-
SPL 1W/1m	TBC	88 dB	86 dB	92 dB	89 dB
Dimensions / Weight	ø (internal)x ø (external) xD: 155x175x50 / 400 g.	ø (internal)x ø (external) xD: 164x202x60mm / 0,9 kg.	ø (internal)x ø (external) xD: 164x202x65mm / 1,0 kg.	ø (internal)x ø (external) xD: 158x180x147mm / 1,2 kg.	ø (internal)x ø (external) xD: 120x165x60mm / 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

IC3 / 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.

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."

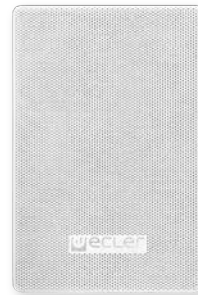## ACCESSORIES

- PKIC Series

IC3

IC6

IC8

IC SB10

IW103

IW103

KEY FEATURES

IC Series:

- 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 (IC3: connection strip)
- Cutting and painting templates included
- Support system with 3 rotating tabs
- IC3 / IC6 available in black and white finish
- EASE Win file available

IW103:

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

	IW103	IC3	IC6	IC8	ICSB10
RMS power / Program power	-	10W / 20W	40W / 80W	60W / 120W	100W / 200W
Woofer / tweeter	3" / -	3" / -	6" / 1"	8" / 1"	10" / -
Power selector @ 100V	15/30 W	1,5/3/6 W	2,5/5/7,5/15 W	5/7,5/15/30 W	7,5/15/30/60 W
SPL 1W/1m	83 dB	TBC	88 dB	89 dB	90 dB
Dimensions / Weight	HxWxD: 165x110x80mm / 900 g.	ø (internal)x ø (external) xD: 82x100x95 / 520 g.	ø (internal)x ø (external) xD: 178x204x73mm / 1,5 kg.	ø (internal)x ø (external) xD: 220x245x91mm / 2,3 kg.	ø (internal)x ø (external) xD: 305x335x126mm / 3,4 kg.

IC6CLASS Series

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-I

IC6CLASS-TR

IC CLASS Series grid

IC6CLASS-54

IC6CLASS-54 Back can

IC6CLASS-54 Ceramic fuse holder

KEY FEATURES

IC6CLASS Series:
- 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	ø (internal)x ø (external)xD: 224x270x95mm / 2,5 kg.	ø (internal)x ø (external)xD: 224x270x95mm / 2,1 kg.	ø (internal)x ø (external)xD: 224x270x95mm / 3,1 kg.

ecler
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TRAIL
series

When music lights you up

A loudspeaker series specially designed for a perfect integration with lighting systems in retail, hospitality and corporate spaces.

TRAIL103
Rail-mount loudspeaker

TRAILSB6T
Invisible subwoofer reinforcement

www.ecler.com

CABINETS/
TRAIL103

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.

TRAIL103 Loudspeakers mounted on ceiling light rail

TRAIL103 Mounting options (included): ceiling light rails, surface mount and truss/threaded bar adapter

TRAIL103 Front

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
- EASE Win file available

	TRAIL103
RMS power / Program power (4Ω)	15W / 30W
Woofer / tweeter	3" / -
Power selector @ 100V	15/30 W
SPL 1W/1m	83 dB
Dimensions / Weight	øxH: 96x110mm / 1,0 kg.

APPLICATIONS

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

TRAILSB6T is a wooden subwoofer reinforcement cabinet with a very compact format, featuring a 6,5"" driver, 60 WRMS @ 8 ohm, 70/100V line transformer with 4 power selections, and internal Low Pass Filter.

It has been specifically designed to fulfil permanent installation requirements, where low visual impact and integration with decoration are a must: concealed in false ceilings or partition walls, on walls' surface, etc. Installation accessories included. Available in black finish.

TRAILSB6T front

TRAILSB6T rear

TRAILSB6T bottom

TRAILSB6T with installation accessories (included)

KEY FEATURES

- Wooden subwoofer reinforcement for TRAIL103-type cabinets, in-ceiling loudspeakers or small surface-mount cabinets
- Concealed in false ceilings or partition walls, on walls' surface, etc
- Coupling pipe for false ceiling included
- Installation accessories included
- Available in black finish

	TRAILSB6T
RMS power / Program power (8Ω)	60W / 120W
Woofer / tweeter	6" / -
Power selector @ 100V	7,5/15/30/60 W
SPL 1W/1m	TBC
Dimensions / Weight	HxWxD: 200x200x320 / 6,3 kg.

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.

ACCESSORIES

- MP106NEST2 / MP106NEST3 / MP106NEST4

NEST106 Front

NEST106 Rear

3 x NEST106 Corner cluster

4 x NEST106 Half-sphere cluster

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	HxWxD: 330x230x197mm / 3,3 kg.

eAMBIT103/eAMBIT106/eCURVE104

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.

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.

ACCESSORIES

eAMBIT103:
- MP103AMB2 / MP103AMB4

eAMBIT106:
- MP106AMB2 / MP106AMB3 / MP106AMB4 / SR6

eAMBIT103

eAMBIT106

eAMBIT103

eAMBIT106

eCURVE104

KEY FEATURES

eAMBIT103 / eAMBIT106:
- 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

eCURVE104:
- 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

	eAMBIT103	eAMBIT106	eCURVE104
RMS power / Program power (8Ω)	25W / 50W	50W / 100W	25W / 50W
Woofer / tweeter	3,5" / 0,5"	6,5" / 1"	4" / 0,75"
Power selector @ 100V	2,5/5/7,5/15 W	5/7,5/15/30 W	-
SPL 1W/1m	87 dB	93 dB	90 dB
Dimensions / Weight	HxWxD: 120x120x117mm / 1,3 kg.	HxWxD: 210x210x160mm / 2,8 kg.	HxWxD: 207x143x179mm / 1,5 kg.

APPLICATIONS

eMOTUS5P / eMOTUS5PB:
- Education Classrooms
- 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
- Residential buildings, outdoor areas

The eMOTUS5P/eMOTUS5PB is a kit of loudspeakers including an active and a passive acoustic box. The eMOTUS5PB includes a wireless BT receiver, remote control and remote control volume port (0-10 VDC). A compact, professional stereo kit, easy to handle and at a very attractive price. Its fantastic performance and unique design ensure that it can easily be integrated into a wide range of multimedia applications: lecture halls, meeting rooms, outlets, etc. Available in black and white.

eMOTUS5OD is a 5" loudspeaker designed for installing outdoor. A compact, professional loudspeaker with great performance at a highly attractive price. Its fantastic performance and unique design mean that it can easily be integrated into a wide range of applications: theme parks, urban spaces, gardens, etc. Available in black and white.

ACCESSORIES

- WPa series (eMOTUS5PB)

eMOTUS5PB
Slave unit

eMOTUS5PB
Remote controller

eMOTUS5PB
Master unit

KEY FEATURES

eMOTUS5P / eMOTUS5PB:
- Stereo 2-way loudspeaker stereo kit – powered loudspeaker + passive loudspeaker
- Full range: 5" woofer and 1" tweeter
- Integrated amplifier 2 x 25 WRMS (MASTER unit)
- Volume control and tone control (bass & treble) in the MASTER unit
- Euroblock balance stereo input on the MASTER UNIT
- Non-balanced RCA input on the MASTER UNIT
- Wireless BT stereo input (only on the eMOTUS5PB)
- Mono/Stereo switch
- Link between the MASTER and the SLAVE unit via Euroblock connectors.
- Integrated power supply source (MASTER unit)
- Selectable power voltage 115 V/230 V (MASTER unit)
- Auto standby function (automatic standby mode / energy saving without the need to turn the system on or off each day)

- Integrated Anti-Clip System
- LED activity display
- Reinforced ABS construction
- BT wireless connection, remote control port (0-10 VDC – RJ45 connector) and remote control (eMOTUS5PB)
- Available in black and white

eMOTUS5OD:
- 2-way cabinet, 5" woofer and 1" tweeter
- 40WRMS @ 8Ω
- Power selector: 3,75 / 7,5/ 15 / 30W @ 100V & 8Ω position
- Outdoor design
- IP65 rated
- Back rubber cover for connections
- Available in black and white colour

eMOTUS Series

eMOTUS5P Front

eMOTUS5P Slave unit rear

eMOTUS5P Master unit rear

eMOTUSOD Front

eMOTUSOD Rear with rubber cover for connections

	eMOTUS5P	eMOTUS5PB	eMOTUS5OD
RMS power / Program power	2 x 25W / 2 x 50W	2 x 25W / 2 x 50W	40W / 80W (8Ω)
Power selector @ 100V	-	-	7,5/15/30 W
Audio inputs	2 ST LINE (bal. & unbal.)	2 ST LINE (bal. & unbal.) + BT	-
Others	Bass & treble EQ + ST/MONO switch	IR + Remote port + Bass & treble EQ + ST/MONO switch	IP65 + paintable
Dimensions / Weight	HxWxD: 180x173x185mm / 4,2 kg.	HxWxD: 180x173x185mm / 4,8 kg.	HxWxD: 180x173x181mm / 4,8 kg.

audeoseries

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

GIUGIARO
DESIGN

www.ecler.com

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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.

ACCESSORIES

- MSTANDAUDEO

AUDEO103 / AUDEO106:
- DSTANDAUDEO

AUDEO103

AUDEO106

AUDEO108

**AUDEO Cabinets
Wall brackets (included)**

AUDEO106

AUDEO SB110P

**AUDEO SB110P
Connections plate detail**

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

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

	AUDEO103	AUDEO106	AUDEO108	AUDEOSB110P
RMS power / Program power (8Ω)	25W / 50W	50W / 100W	100W / 200W	150W / 300W
Woofer / tweeter	3,5" / 0,5"	6,5" / 1"	8" / 1"	10" / -
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	112 dB
Dimensions / Weight	HxWxD: 132x134x110mm / 1,5 kg.	HxWxD: 242x242x163mm / 2,3 kg.	HxWxD: 300x310x223mm / 3,8 kg.	HxWxD: 310x505x420mm / 16,8 kg.

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

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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 / 106 Connection plate
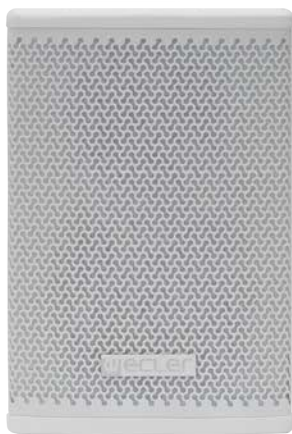

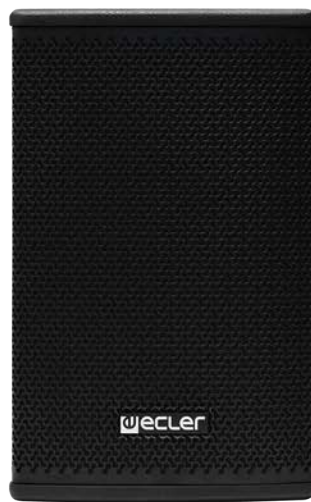**ARQIS105 / 106 / 108 Wall bracket (included)**

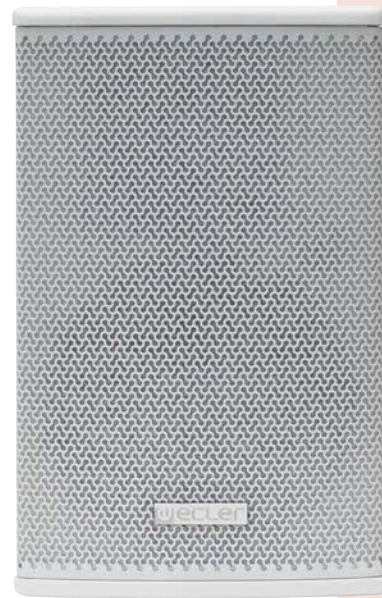**ARQIS108 Connection plate**

ACCESSORIES

ARQIS108:
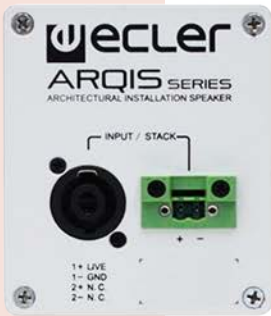- ARQ108UB

ARQIS105

ARQIS106

ARQIS108

KEY FEATURES

ARQIS105 / ARQIS106 / ARQIS108:
- Full range, 2-way architectural loudspeaker
- Double INPUT/STACK connector, Euroblock (+ Speakon©: ARQIS108) 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, ARQ108UB (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	HxWxD: 280x186x210mm / 3,6 kg.	HxWxD: 350x216x240mm / 7,4 kg.	HxWxD: 390x244x280mm / 8,4 kg.

ARQIS205 / 208 Connection plate

ARQIS205
With U bracket (included in ARQIS205 / 208)

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
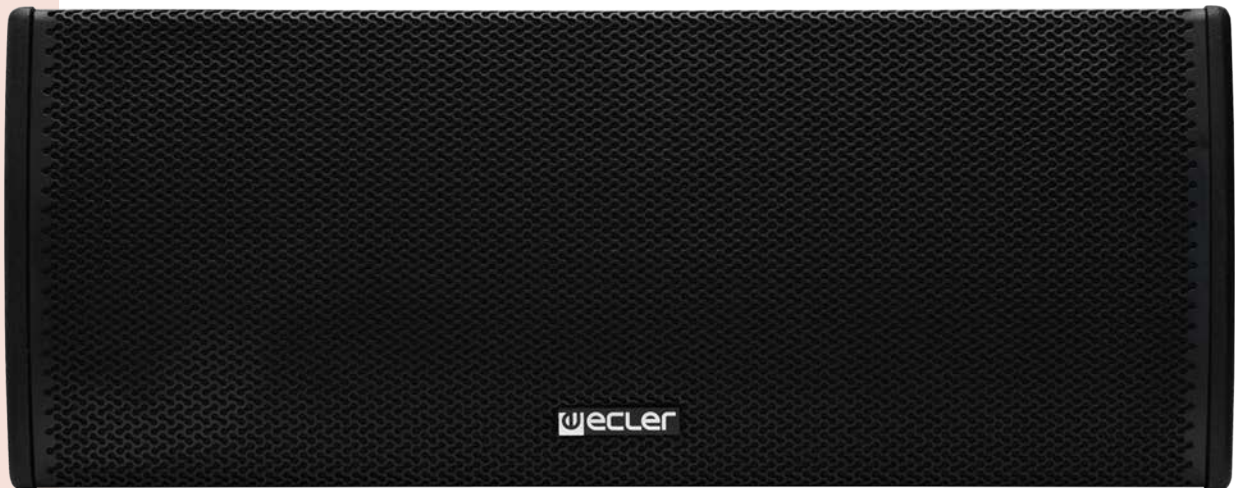- Available in black or white finish

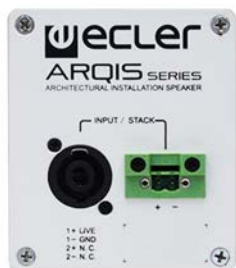|	ARQIS205	ARQIS208
RMS power / Program power (8Ω)	140W / 280W	300W / 600W
Woofer / driver	2x5,25" / 1"	2x8" / 1"
Connector	Euroblock + Speakon	Euroblock + Speakon
SPL 1W/1m	92 dB	96 dB
Dimensions / Weight	HxWxD: 186x480x210mm / 8,4 kg.	HxWxD: 244x610x280mm / 14,4 kg.

ACCESSORIES

- TRIPO1
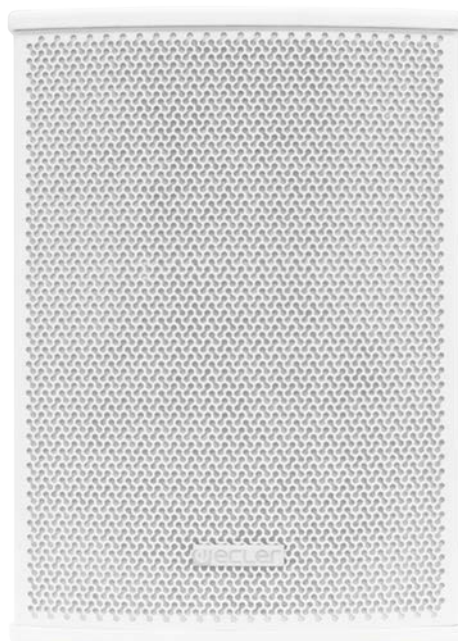- SR12

ARQIS110:
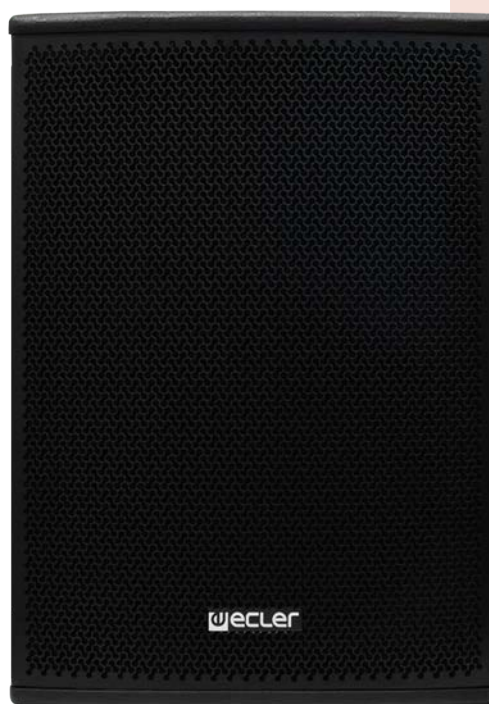- ARQ110UB

ARQIS112:
- ARQ112UB

ARQIS110 / 112 Connection plate

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, ARQ110UB/ ARQ112UB (not included)
- 35 mm mount socket, compatible with SR12 wall brackets and TRIPO1 floor stands (not included)
- 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

	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	HxWxD: 495x359x310mm / 14,8 kg.	HxWxD: 565x416x352mm / 20,0 kg.

ARQIS Series

ARQISSB10

ARQISSB10
Connecton plate

ARQISSB6T
Connecton plate

ARQISSB6T

ARQISSB6T
With U bracket (included)

ARQISSB15
Top-hat mount socket

ARQISSB15

ARQISSB15
Connecton plate

KEY FEATURES

ARQISSB6T:
- 6,5'''' subwoofer + 6,5'''' pasive radiator
- Ready for 70/100V installations: power selector 60/120W & 8 ohm
- Euroblock connector and spring loaded input terminals
- LPF cut-off frequency selection: OFF/ 120Hz / 150Hz
- Wall-mount hardware included
- Available in black or white finish

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 M8 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 M8 cabinet flying points.
- Available in black finish

	ARQISSB6T	ARQISSB10	ARQISSB15
RMS power / Program power (8Ω)	60/120W @ 70/100V ; 120W @ 8Ω	150W / 300W	600W / 1200W
Woofer	6,5" + 6,5" passive radiator	10"	15"
Connector	Euroblock + spring loaded terminals	Euroblock + spring loaded terminals	Speakon
SPL 1W/1m	86 dB	94 dB	98 dB
Dimensions / Weight	HxWxD: 390x250x130mm / 8,2 kg.	HxWxD: 442x600x228mm / 16,5 kg.	HxWxD: 460x534x525mm / 32,0 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.

VERSO8 / 8P **VERSO8 Connection Plate**   **VERSO12P**   **VERSO12P Connection Plate**

VERSO SB115P **VERSO SB115P Connection Plate**

ACCESSORIES

VERSO8 / VERSO8P:
- SR8 / SR12 / TRIPO1

VERSO12P:
- SR12 / TRIPO1

VERSOSB115P:
- POLE01

KEY FEATURES

VERSO8P / 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

VERSO8:
- Passive version of VERSO8P loudspeaker

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

	VERSO8	VERSO8P	VERSO12P	VERSOSB115
RMS power / Program power	150W / 300W	200W / 400W	450W / 900W	500W / 1000W
Woofer / driver	8" / 1"	8" / 1"	12" / 1,75"	15" / -
Inputs / Outputs	-	2 MIC/LINE	2 MIC/LINE	1 ST LINE (mono conversion) / Stack out
Max SPL @ 1m	119 dB	118 dB	123 dB	125 dB
Dimensions / Weight	HxWxD: 398x291x241mm / 8,0 kg.	HxWxD: 398x291x241mm / 11,0 kg.	HxWxD: 475x350x290mm / 12,5 kg.	HxWxD: 450x590x490mm / 41,3 kg.

CKL110T / CKLSM115T / DPC118

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 ia a 2-way, full range mid-high loudspeaker cabinet. It combines an enclosed 10" speaker attached to a Tractix horn with phase correction and a 2" compression driver.

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

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.

ACCESSORIES

- ADP

CKL110T

CKL110T

CKLMS115T

CKLMS115T

DPC118

KEY FEATURES

CKL110T / CKLSM115T:

- 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 transparen foam against dust and splashes
- Six ISO 7166 air cargo tracks for precise rigging
- Speakon® connectors

DPC118:

- 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

|	CKL110T	CKLSM115T	DPC118
RMS power / Program power (8Ω)	220W / 440W	600W / 1200W	1200W / 2400W
Woofer / driver	10" / 2"	15" (horn loaded) / -	18" / -
Frequency response	170 - 19kHz	70 - 280kHz	Speakon
SPL 1W/1m	95 dB	97 dB	112 dB
Dimensions / Weight	HxWxD: 550x550x650mm / 47,0 kg.	HxWxD: 550x550x650mm / 37,2 kg.	HxWxD: 570x750x720mm / 55,5 kg.

eCS403 / eCS803 / eUC106

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, 1" tweeter and 70/100V transformer.

eCS403
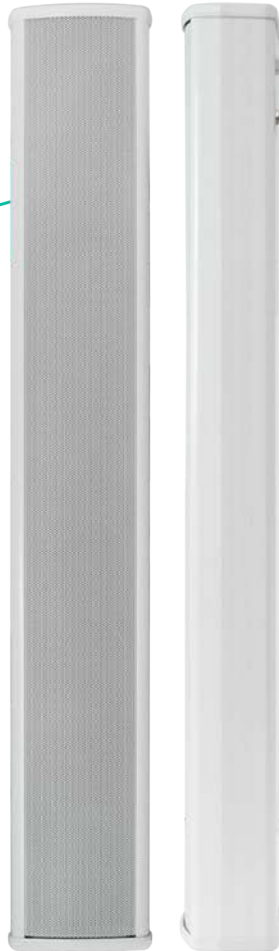
eCS803

eUC106

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 (3m)
- Available in white and black finish
- EASE Win file available

	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	89 dB
Dimensions / Weight	HxWxD: 460x105x90mm / 2,5 kg.	HxWxD: 760x105x90mm / 4,5 kg.	øxH: 270x215mm / 3,0 kg.

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.

IG108
Weatherproof connector (IP65 rated)

IG108
With security ground bracket

IG108
Security ground bracket (included)

eRK108

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
- EASE Win file available

	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: 360x392,5mm / 8,5 kg.	HxWxD: 290x325x270mm / 5,0 kg.

ePRS10Ti/ePRS20Ti/ePHS30Ti/eMSP50Ti /eHORN10

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, suitable for outdoor superior performance.

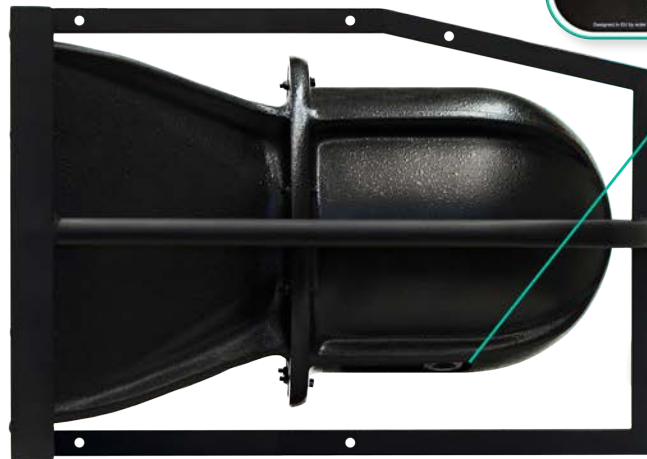**ePRS10Ti**   **ePRS20Ti**   **ePHS30Ti**   **eMSP50Ti**

eHORN10   **eHORN10**

KEY FEATURES

■ ABS weatherproof
■ Suitable for outdoor applications
■ Power tappings for 70V and 100V
■ EASE Win file available (eHORN10)

	ePRS10Ti	ePRS20Ti	ePHS30Ti	eMSP50Ti	eHORN10
RMS power / Program power (8Ω)	-	-	30W / 60W	50W / 100W	240W / 480W
Power selector @ 100V	2,5/5/10 W	5/10/20 W	5/10/20/30 W	3,5/4,5/9/12,5/25/50 W	60/120/240 W
Others	5″ driver	6,5″ driver	IP66	IP66 + 6,5″ LF driver / 1″ HF driver	IP46 + 10″ LF driver / 1″ HF driver
SPL 1W/1m	90 dB	92 dB	108 dB	97 dB	103 dB
Dimensions / Weight	øxH: 138x200mm / 1,5 kg.	øxH: 177x245mm / 2,4 kg.	øxH: 240x303mm / 2,6 kg.	HxWxD: 370x270x305mm / 5,2 kg.	HxWxD: 452x452x603mm / 22,5 kg.

Paging consoles to allow real-time voice messages broadcasting.

6.1 PAGING STATIONS

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

6.2 DIGITAL CONTROLS & PANELS

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

6.3 ANALOGUE CONTROLS & PANELS

eMPAGE / MPAGE series

APPLICATIONS

■ Paging, voice messages and speech

eMPAGE is a digital paging station (MPAGE16's evolution), compatible with eMIMO1616, MIMO88, MIMO88SG and MIMO1212SG digital matrixes. Includes: a gooseneck cardioid microphone (removable); 16 zone-selection keys; ALL, CLEAR and PAGE keys; 2 programmable keys, F1 & F2, for zone-group selection. Text labelling for destination areas by means of programmable electronic ink display.

MPAGE1r 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 matrixes. 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.

**eMPAGE
With gooseneck mic (included)**

eMPAGE

**MPAGE1r
Internal connections**

MPAGE1r

MPAGE4

MPAGE16

	eMPAGE	MPAGE1r	MPAGE4	MPAGE16
Paging zones	16	1	4	16
Additional keys	ALL + CLEAR + F1 + F2	-	ALL	ALL + CLEAR + F1 + F2
Phantom Power	10 - 48VDC (TBC)	10 - 48VDC	6 - 15VDC	7 - 16VDC
Conector	RJ45 (internal)	Euroblock	RJ45	Euroblock 6 pole (audio + control)
Dimensions / Weight (mic excluded)	TBC	HxWxD: 43x120x126mm / 625 g.	HxWxD: 43x120x126mm / 625 g.	HxWxD: 46x216x157mm / 700g.

WPmSCREEN / WPTOUCH

APPLICATIONS

WPmSCREEN:
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
- Integration in installation global control systems

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

ACCESSORIES

- WPmPSCRMKIT

- WPmSCRFMBOX

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 webserver, once one or more WPmSCREEN units are installed in it.

Each unit can be configured by means of the UCP control system as a local zone control or as a global control, as they are totally compatible with the standard UCP panels architecture, and also with third-party UCP clients (iOS©, Android©, Windows©, etc.).
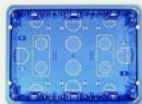
WPmSCREEN includes a surface mount installation box, and is as well compatible with standard recessed boxes and the VESA75 mount system.

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

WPmSCREEN

WPmSCREEN Conections

WPTOUCH

WPTOUCH With surface-mount installation box (included)

KEY FEATURES

WPmSCREEN:
- 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	WPTOUCH
Touch panel	7" TFT screen	2 touch-sensitive keys + 1 touch-sensitive jog wheel
Resolution	800x480 (LED backlight)	2x16 char. LCD transflective display
Connection port	Ethernet Base-Tx 10/100Mb Auto Xover CAT5 up to 100m	CAN-BUS
Others	24VDC (included)	IR reciver
Dimensions / Weight	HxWxD: 159x216x36mm / 550 g.	HxWxD: 86x86x56mm / 65 g.

eMCONTROL1

APPLICATIONS

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

eMCONTROL1 is a digital control panel for the eMIMO1616 matrix with a wall format. It makes it possible to act as a zone control, enabling the user to have all or some of these 3 functions (programable by the installer): volumen adjustment/mUTEm, selection of musical sources and EQ adjustment with 3 band tone control (BAS-MID-TREBLE). It also makes it possible, as an option, to be coupled to a WPa type panel with an audio connector: the pair behaves like a single panel providing remote control + direct sending to the eMIMO1616 from a balanced audio signal. To do so, it uses a single CAT5 type cable or higher. With exceptions, this does not require its own power supply: remote power supply from a REMOTE port on the eMIMO1616.

ACCESSORIES

■ Serie WPa

■ WPa2SMBOX

■ WPa2FMBOX

eMCONTROL1

eMCONTROL1
With surface-mount installation box (included)

Different mounting options available: fully compatible with single/double, surface/flush WPa series mount boxes

WPaMIX-T + eMCONTROL1 + WPa2SMBOX / WPa2FMBOX

KEY FEATURES

■ Digital control panel compatible with the eMIMO1616
■ Volume adjustment, selection of sources and (programable) EQ.
■ Compatible with WPa series panels with audio connector, for sending audio and control signals via a single CAT5 cable or higher
■ Aesthetics designed in collaboration with Italdesign Giugiaro

APPLICATIONS

- 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

ACCESSORIES

- WPa2SMBOX
- WPa2FMBOX

WPa is a series of remote control wall panels for systems and interconnecting audio signals. It marks a development of its predecessor, the WPm series, with a modern, elegant, discrete aesthetic, designed in collaboration with Italdesign Giugiaro. WPa series includes surface-mount installation box.

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

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

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

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

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

WPaH-AT100 is a 70 / 100V line attenuator with integrated 24 VDC priority relay. 100W maximum output power.

WPaH-SL4 is a 70 / 100V V line selector (one out of 4 music program lines).
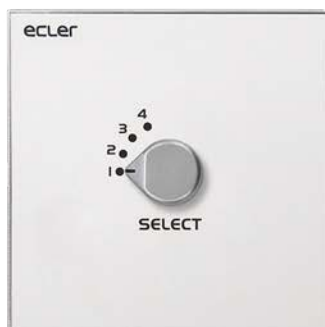
WPaVOL

WPaVOL-J

WPaVOL-SR

WPaVOL-SR-J

WPaH-SL4

WPaH-AT6

WPaH-AT100

WPaMIX-T is a 2 channel micro-mixer which keeps the standard wall-panel format of the WPa 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.

WPaCNX-CBO connection Wall Plate with Female 3 pin XLR connector + Jackk ST (combo connector). Screw-type connector at the back (no solder needed).

WPaCNX-JRCA is a connection Wall Plate with 1 x stereo minijack and 2 x RCA connectors.
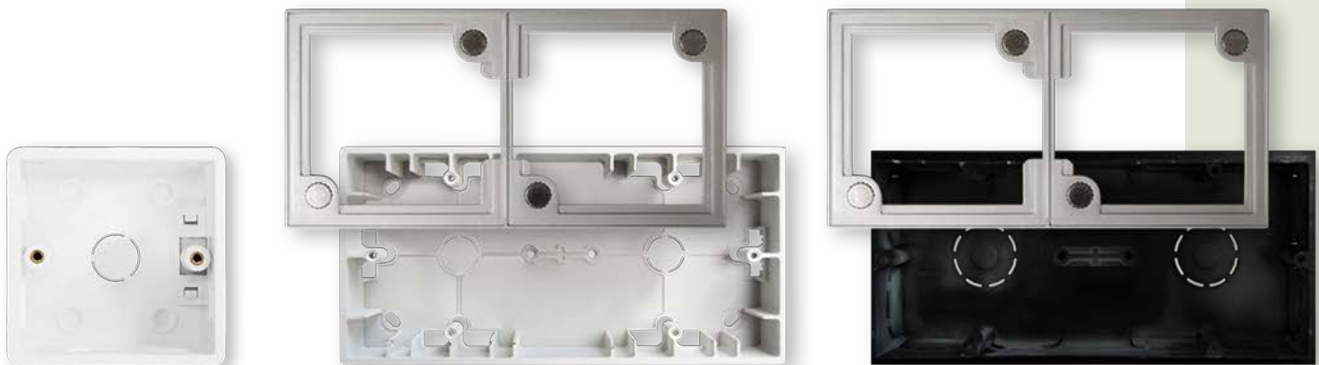
WPaMIX-T

WPaCNX-CBO

WPaCNX-JRCA

Different mounting options available:
Fully compatible with single/double, surface/flush WPa series mount boxes

7.1 PRODUCT ACCESSORIES

7.2 AUDIO CABLES AND OTHERS

7.3 LOUDSPEAKERS HARDWARE
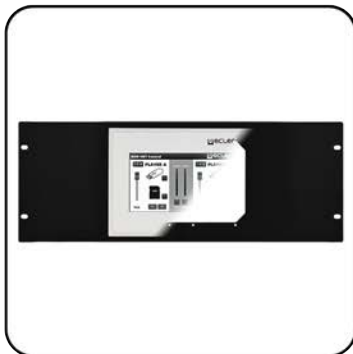
ePINBLU

WPPSU

REVO-IR

TR2-70

2UHRMKIT

1UHRMKIT

WPmPSCRMKIT

PUM3

ePINBLU is a portable BT wireless audio receiver with mini-jack connection. It includes USB charging cable, mini-jack to mini-jack connector, mini-jack to RCA stereo cable and quick guide.

WPPSU is an external, universal AC/DC converter for the DC supply of remote panels and devices. Compatible with all the WPa 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 and CA series.

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.

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

CNXXLRXLR1 / 5 / 10

CNXEBEB1 / 2M5

CNXEBRCA1

CNXXLRFEB

CNXRCAEBAD

CNXEBLINK4

CNXAC8RM

USB232AD

MBSTAND

MDSTAND

WPa2FMBOX

WPa2SMBOX

WPmSCRFMBOX

eWAMPBTFBOX

CNXXLRXLR1/5/10 is a 1m/5m/10m length XLR-XLR cable.

CNXEBEB1/2M5 is a 1m/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.

CNXEBLINK4 is a 4 Euroblock link cable,12cm between connectors. It allows to link inputs channels on multichannel amplifiers such as eGPA series.

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

USB232AD is a USB to RS-232 interface

MBSTAND is a microphone stand with boom arm.

MDSTAND is a desktop microphone stand.

WPa2FMBOX is a double Flush-Mount box, compatible with the WPa wall panel series. It includes a single frame for fitting 2 adjacent panels in a twin housing.
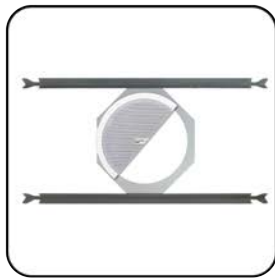
WPa2SMBOX is a double Surface-mount box, compatible with the WPa wall panel series. It includes a single frame for fitting 2 adjacent panels in a twin housing.

WPmSCRFMBOX is flush mount box for WPmSCREEN.

eWAMPBTFBOX is a flush mount box compatible with eWAMPBT+.
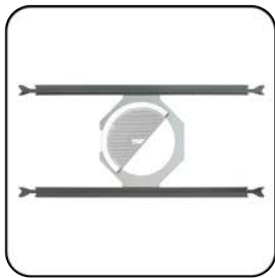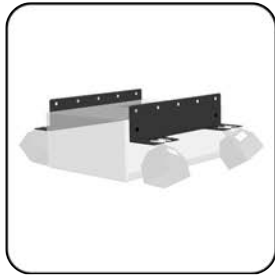
IC-TB6

IC-TB8

ARQ108UB

ARQ110UB

ARQ112UB

ARQSB10SATB

SR8

SR12

TRIPO1

POLE01

ADP

IC-TB6 is a tile bridge compatible with IC6 in-ceiling loudspeakers.

IC-TB8 is a tile bridge compatible with IC8 and IC6CLASS series in-ceiling 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.

ARQSB10SATB is a kit including 2 metal brackets, to convert an ARQIS SSB10 subwoofer unit into a hanging cluster, combining the ARQIS SB10 unit and 4 x eAMBIT103 satellite loudspeakers (loudspeakers not included with this reference).

SR8 is a wall mount bracket for VERSO8, VERSO8P.

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

TRIPO1 is a 35mm loudspeaker floor stand set (2 units).

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.).

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

MP103AMB2

MP103AMB4

MP106AMB2

MP106AMB3

MP106AMB4

SR6

DSTANDAUDEO

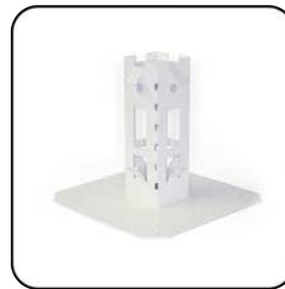MSTANDAUDEO

MP106NEST2

MP106NEST3

MP106NEST4

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.

SR6 is a wall mount bracket for MP106AMB2.

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).

PAINTING LOUDSPEAKERS/

The PKIC series is a simple solution for giving colour and homogeneity to ceiling loudspeakers in the IC or IC6CLASS series. These easy to install accessories make it possible to combine different loudspeaker models in the same ceiling or wall, offering a homogenous, elegant, colourful finish. You can paint them yourself or we can do it for you!

PKIC6: this is an accessory for personalizing the IC6 ceiling loudspeaker. The kit includes a grille that can be painted (with the appearance of the IC6CLASS) and an accessory (anchor ring) to mount this grille on the IC6. Easy to paint and mount.

PKIC8: this is an accessory to personalize the IC8 ceiling loudspeaker. The kit includes a grille that can be painted (with the appearance of the IC6CLASS) and an accessory (anchor ring) to mount this grill on the IC8.

PKICSB10 is an accessory to personalize the ICSB10 ceiling loudspeaker. The kit includes a grille that can be painted and an accessory (magnets) to mount this grille on the ICSB10.

Our painting service offers the possibility to paint any accessory in the PKIC series and the IC6CLASS grille, with a minimum of loudspeakers and with delivery within 15 days.

COLORPAINT: launching of painting loudspeakers in a colour (RAL). There is no minimum number of loudspeakers. There is no charge for launching when painting a minimum of 100 units in the same RAL colour.

PAINT1S: painting by unit when there are less than 10 units.

PAINT10S: painting by unit when there are less than 10 units and with a maximum of 99 units.

PAINT100S: painting by unit when there are 100 or more units.

PKIC6

PKIC8

4 x

PKICSB10
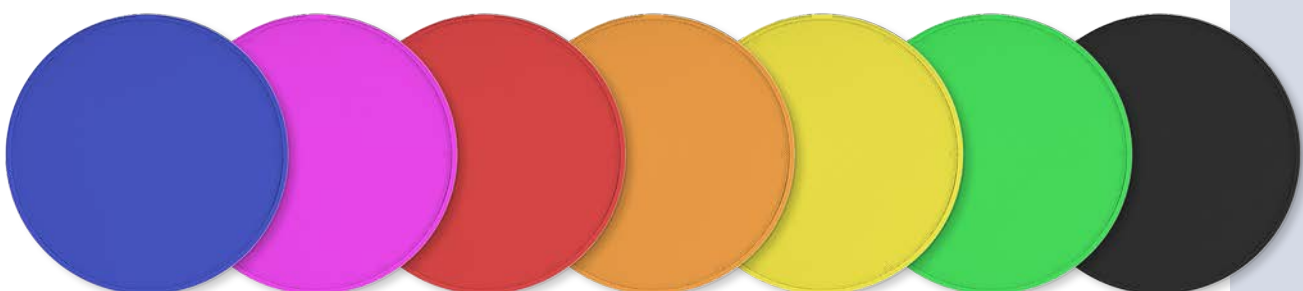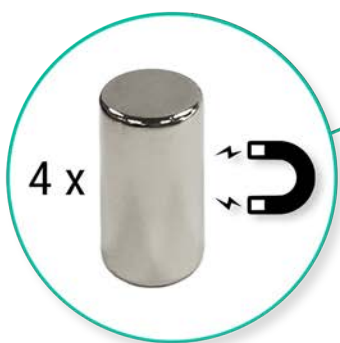
Paintable rust-proof grids (RAL standard)

	ePLAYER1	DUO-NET PLAYER	eSAM series	SAM series	COMPACT series	MIMO / MIMOSG series	DN44BOB	eMIMO 1616	DAM614	NXA series	ALMA series	eGPA series	MPA 4-150R	GPA series	DPA series
MPAGE1	–	–	•	•	•	•	•	•	•	–	–	–	–	–	–
MPAGE4	–	–	–	–	–	–	–	–	•	–	–	–	–	–	–
MPAGE16	–	–	–	–	–	•	–	–	–	–	–	–	–	–	–
eMPAGE	–	–	–	–	–	•	–	•	–	–	–	–	–	–	–
WPmSCREEN	–	•	–	–	–	•	–	–	–	•	–	–	–	–	–
WPTOUCH	–	–	–	–	–	•	(7)	–	(7)	(7)	(7)	–	(7)	(7)	(1) (7)
eMCONTROL1	–	–	–	–	–	–	–	•	–	–	–	–	–	–	–
WPaVOL	–	–	–	–	–	•	•	–	•	•	•	–	•	•	(1)
WPaVOL-J	–	–	–	–	–	•	•	–	•	•	•	–	•	•	(1)
WPaVOL-SR	–	–	–	–	–	•	•	–	•	•	–	–	–	–	–
WPaVOL-SR-J	–	–	–	–	–	•	•	–	•	•	–	–	–	–	–
WPaH-AT6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WPaH-AT100	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WPaH-SL4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WPaMIX-T	–	–	•	•	•	•	•	•	•	•	•	•	•	•	•
WPaCNX-CBO	–	–	•	•	•	•	•	•	•	•	•	•	•	•	•
WPaCNX-JRCA	–	–	•	•	•	•	•	•	•	•	•	•	•	•	•
WP-PSU	–	–	(3)	(3)	(3)	(3) (4)	(3)	(8)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
REVO-IR	–	–	–	–	–	(6)	(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	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ARQSB10SATB	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SRDA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
POLE01 / TRIPO1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ADP	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
IC TB series (tile bridge)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PKIC series (paint)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

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

	eHSA series	HSA series	HZA series	eHMA series	HMA series	eCA series	CA series	CA200Z	IC series / IC6CLASS	NEST series	eAMBIT series	eMOTUS series	AUDEO series	ARQIS series	VERSO series	CKL-T series	DPC 118
MPAGE1	-	-	-	•	•	-	•	•	-	-	-	-	-	-	-	-	-
MPAGE4	-	-	-	-	-	-	°	•	-	-	-	-	-	-	-	-	-
MPAGE16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
eMPAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WPmSCREEN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WPTOUCH	-	(7)	(7)	° (7)	°	(7)	(7)	(7)	-	-	-	° (7)	° (7)	-	-	-	-
eMCONTROL1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WPaVOL	-	°	•	°	•	•	•	•	-	-	-	°	°	-	-	-	-
WPaVOL-J	-	°	•	°	•	•	•	•	-	-	-	°	°	-	-	-	-
WPaVOL-SR	-	-	-	-	°	-	•	•	-	-	-	-	-	-	-	-	-
WPaVOL-SR-J	-	-	-	-	°	-	•	•	-	-	-	-	-	-	-	-	-
WPaH-AT6	•	•	•	•	•	°	°	-	-	-	-	-	-	-	-	-	-
WPaH-AT100	•	•	•	•	•	°	°	-	-	-	-	-	-	-	-	-	-
WPaH-SL4	•	•	•	•	•	°	°	-	-	-	-	-	-	-	-	-	-
WPaMIX-T	•	•	•	•	•	•	•	•	-	-	-	°	°	-	-	-	-
WPaCNX-CBO	•	•	•	•	•	•	•	•	-	-	-	°	°	-	-	-	-
WPaCNX-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	-	-	-	-	-	-	-	-	-	-	-	-	-	°	-	-	-
ARQSB10SATB	-	-	-	-	-	-	-	-	-	-	-	-	-	°	-	-	-
SRDA	-	-	-	-	-	-	-	-	-	-	-	-	-	°	-	-	-
POLE01 / TRIPO1	-	-	-	-	-	-	-	-	-	-	-	-	-	°	°	-	-
ADP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	°	-
IC TB series (tile bridge)	-	-	-	-	-	-	-	°	-	-	-	-	-	-	-	-	-
PKIC series (paint)	-	-	-	-	-	-	-	°	-	-	-	-	-	-	-	-	-

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

The Green Facts

Environmentally Sustainable AV

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 condition 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

■ **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

■ 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 aour 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 alway **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

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ecler
Sound experience
Barcelona 1965

PRODUCT GUIDE 2018 ecler