



**2020**  
Product Guide  
AUDIO

## ABOUT US

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 technology, quickly changing, must be a flexible tool to provide global and integral audio solutions, more than just individual products. Looking for a complete audiovisual experience, we expand our product offer introducing Ecler Video Systems and Ecler Acoustics to enhance our sound experience.

We keep focusing on innovation and design, both 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 realize that today AV integration has become a growing and solid market, frequently encouraging companies towards a global scope, which requests for global audio partners, as we are.

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 up. This was the goal, and we honestly think it's 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 to an entirely **TRUSTWORTHY** manufacturing quality. **Ecler** is an ISO 9001 certified company.

## 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 WPNETTOUCH 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.

## GREEN



We are really committed with the planet's health, energy saving and CO2 emission reduction. Energy Star certification, SPM Technology, class D amplifiers, switching power supplies and autostandby 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.

## 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, or the new MIMO4040DN matrix with its peripherals compatible with DANTE™ are clear examples of our achievements.

## DESIGN



**Ecler** has been the first pro audio company to partner with the famous Italian industrial designer Giugiaro ([www.italdesign.it](http://www.italdesign.it)).

The results of our collaboration are the loudspeaker cabinet series AUDEO and the WPa & WPNET remote wall panel controls.

## 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 70 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.

The innovative nature that represents us, is reflected in a wide range of software-managed devices: premium digital products like matrices, amplifiers, audio managers, audio players, streaming receivers, control panels, mobile apps (Pilot, Ecler UCP, RePLAYER) 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.



pilot



Ecler UCP



RePLAYER



WiSpeak grip

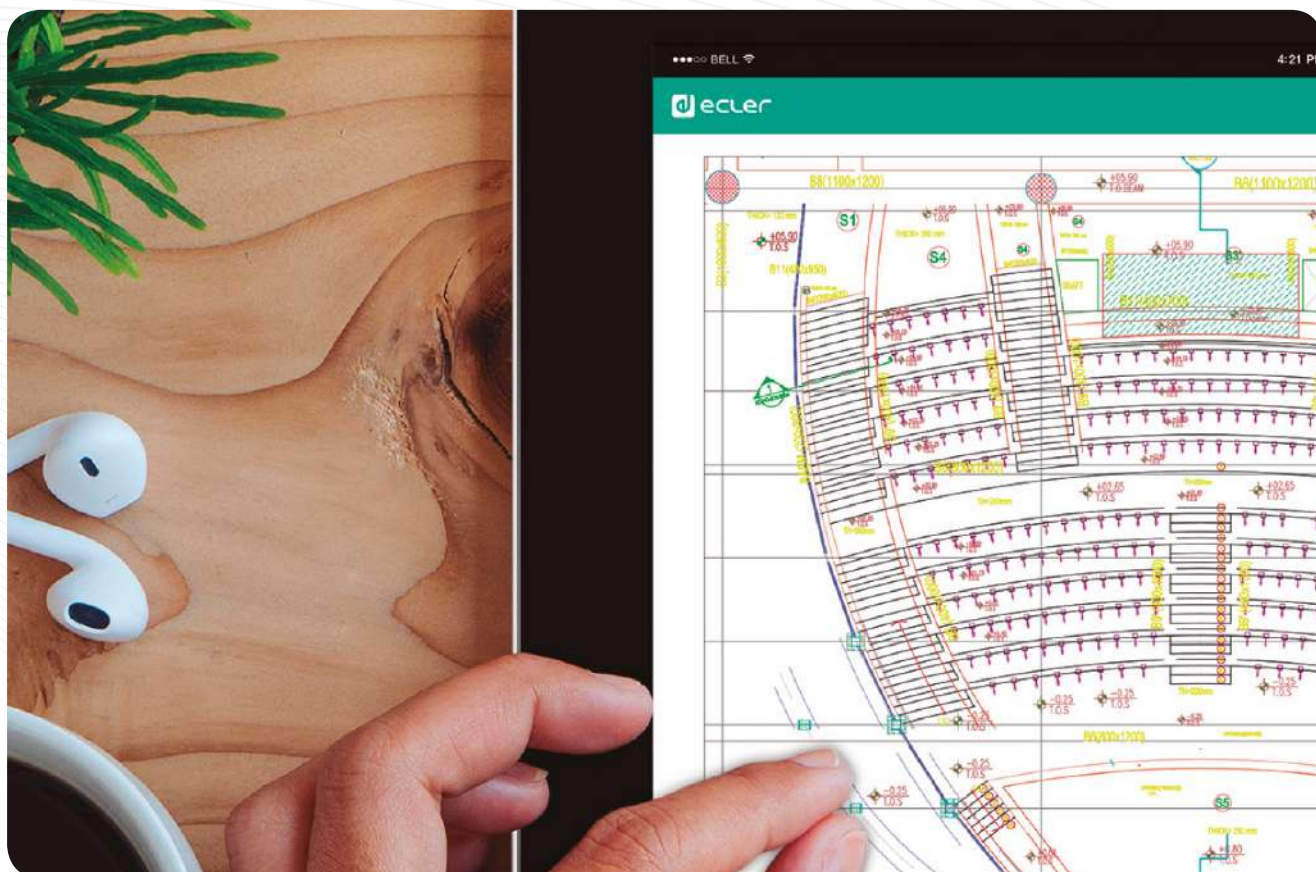
- **ECLER ESSENTIALS:** A product range where we preserve the essence of ECLER in terms of reliability, quality and features at a very attractive price point. Each product reference that belongs to this range contains at the beginning the following "e" prefix = essential and its own series logo (in that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



- **ECLER ENGINEERING:** Define your Project goals and our Project's Department will design the best solution. Providing highly specialized tools to predict the end results, right from the construction project and onwards to completion. Using Ecler FAST (Flexible Audio System Tool) mobile app you will be able to know a list of our products to achieve an optimal sound system by answering simple questions about your project.



**FAST**  
Flexible Audio System Tool





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## RETAIL

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.



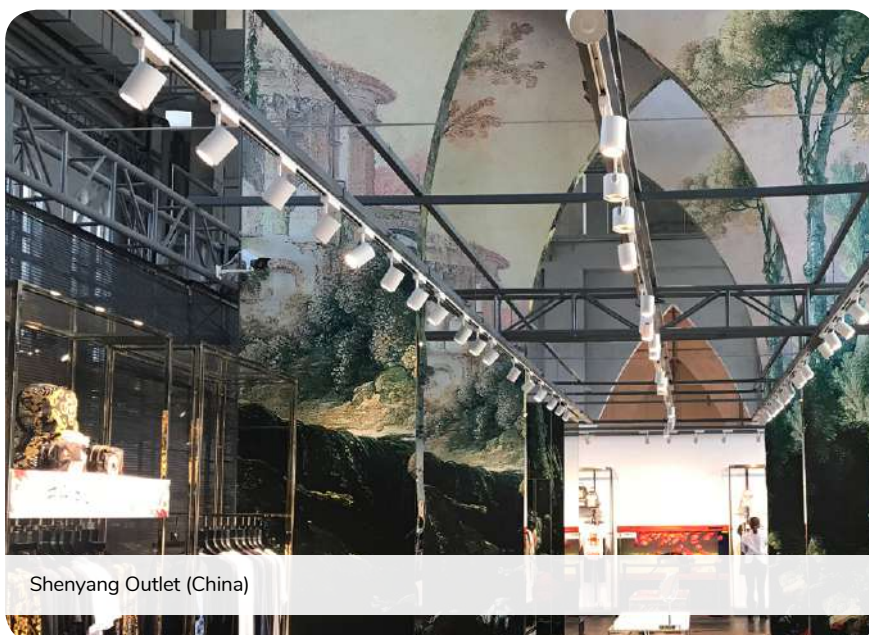
Cartier, Changi Airport (Singapore )



Benetton, Madrid & Barcelona (Spain)



H&M, Budapest (Hungary)



Shenyang Outlet (China)



Printemps Haussmann, Paris (France)





Bulgari, Changi Airport (Singapore )



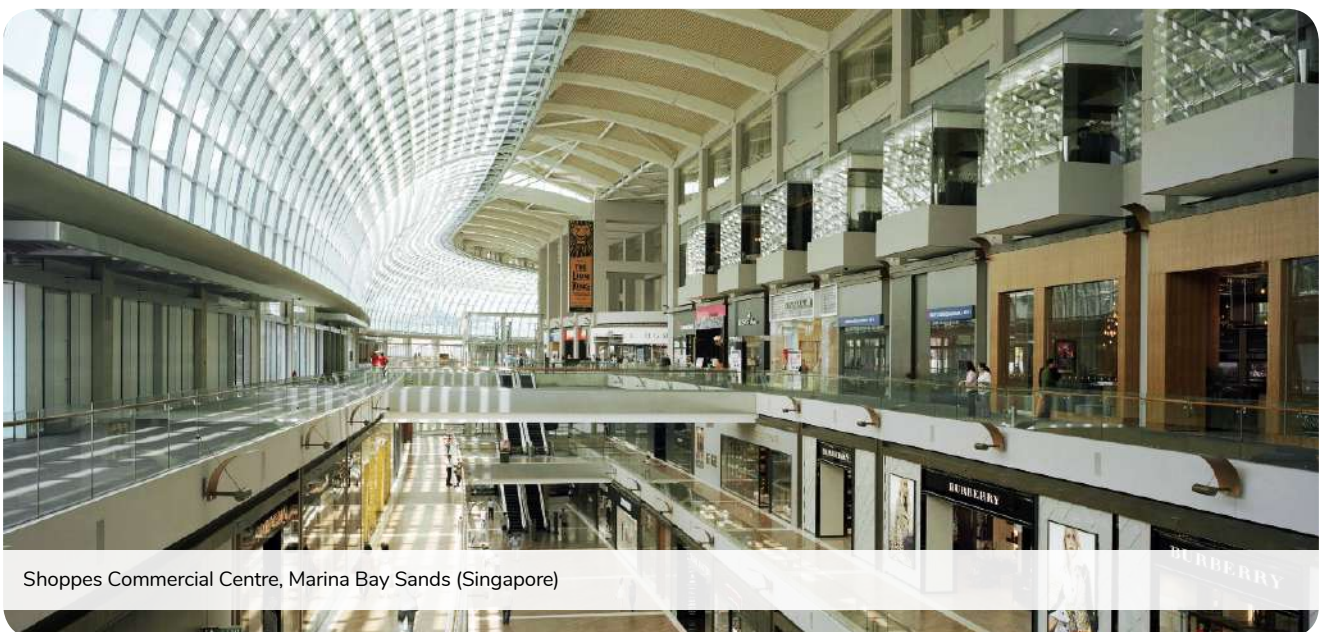
MANGO, Madrid (Spain)



Pierre Cardin, Warsaw (Poland)



Zara, Kish (Iran)



Shoppes Commercial Centre, Marina Bay Sands (Singapore)

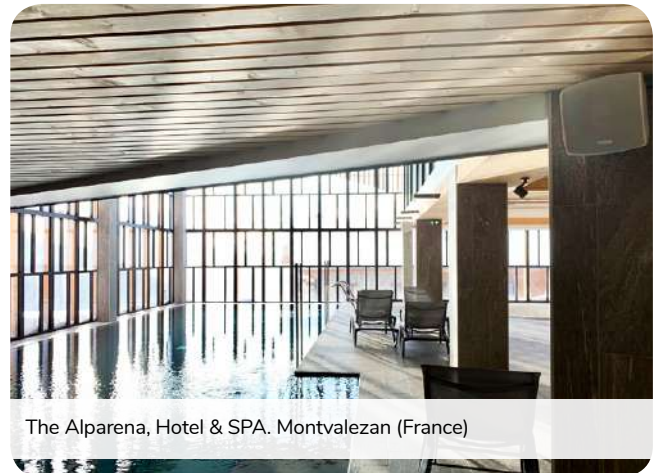


# HOSPITALITY

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.



The Alparena, Hotel & SPA. Montvalezan (France)



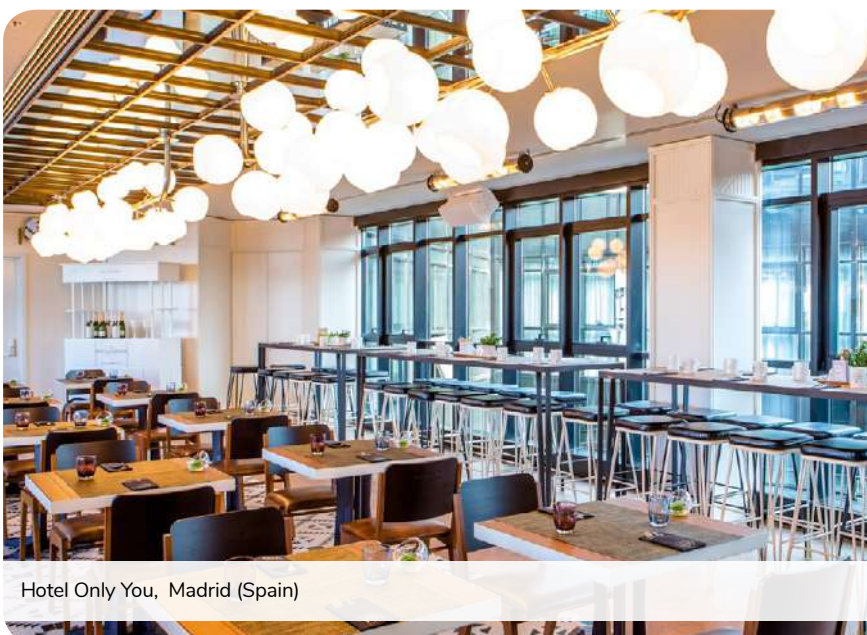
1908 Hotel, Lisboa (Portugal)



Hotel Minerva, Baile Herculane (Romania)



Blanchette Soho, London (UK)

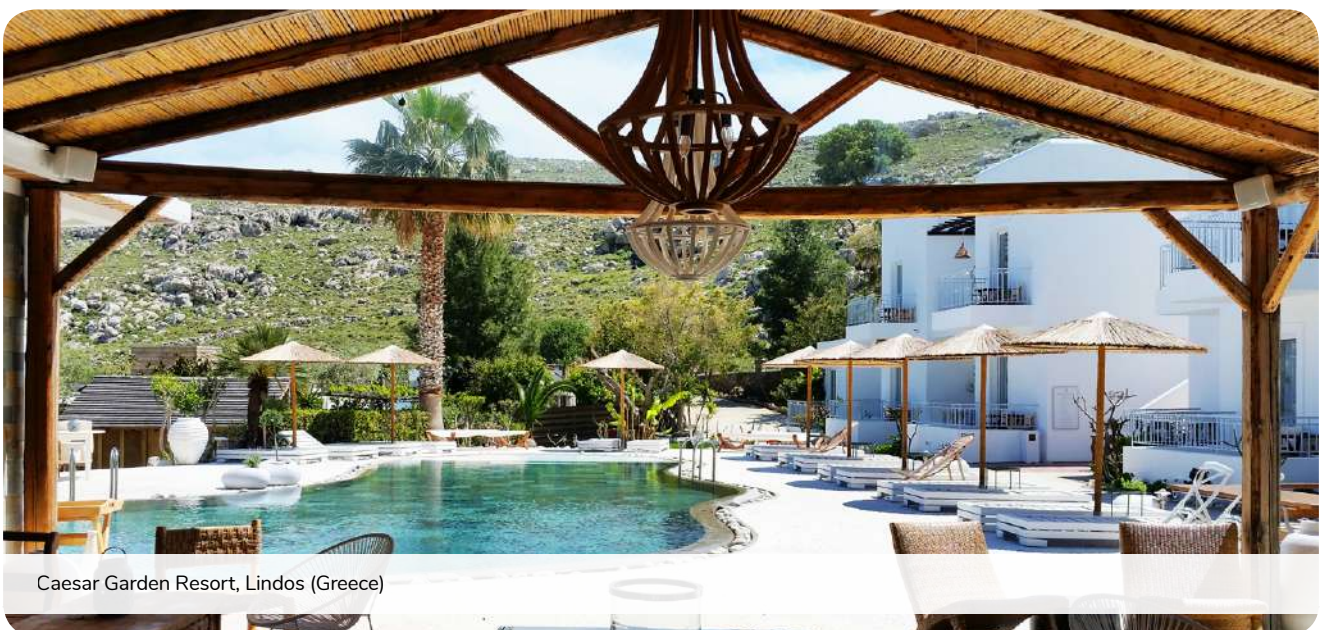
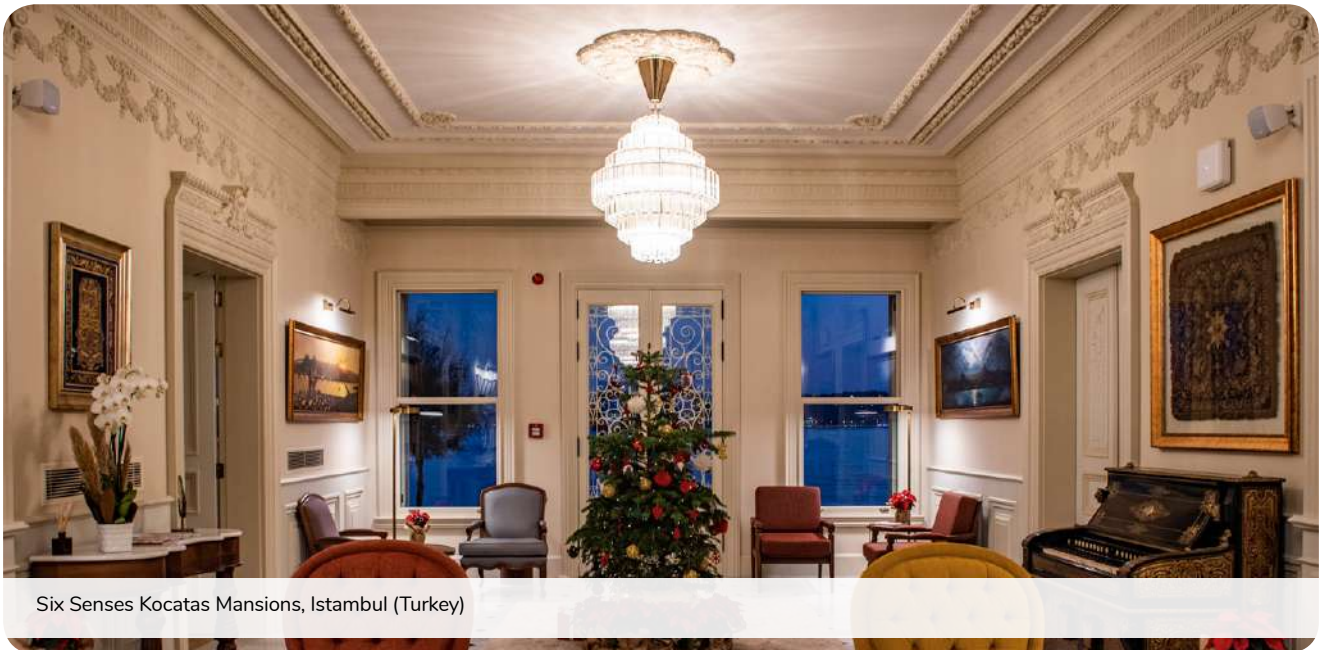
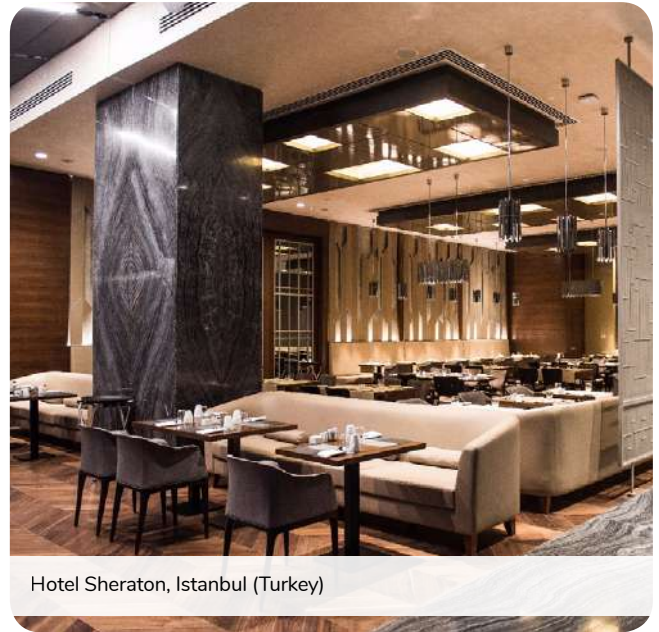


Hotel Only You, Madrid (Spain)



Hotel Voncken, Valkenburg (Netherlands)







## 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.



Mackay Medicine, Nursing And Management School, Taipei (China)



Scoala Gimnaziala Nr. 39 (Romania)



University of Technology, Lublin (Poland)



Expo Krakow (Poland)



Primulator, Lodz (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).



Nilorn LTD, Keighley (UK)



European Council, Brussels (Belgium)



Workland, Tallin (Estonia)



Menara Telekom, (Malasia)



Espacio Mood Madrid, Serrano (Spain)



Volvo Car, Warsaw (Poland)

## SPORTS & WELLNESS

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

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



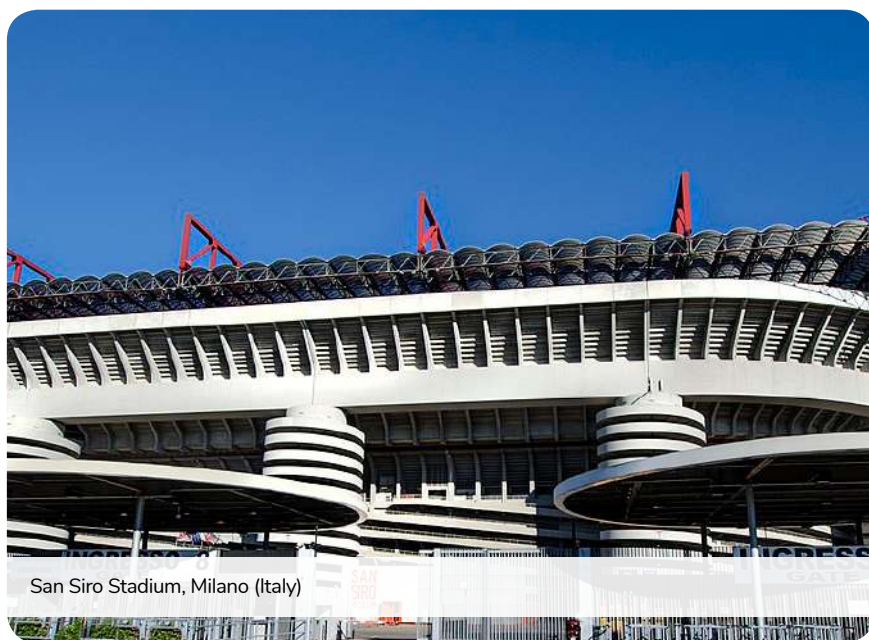
Cercle nageurs, Marseille (France)



ZTE Arena, Zalaegerszeg (Hungary)



Sam Fit Gym (Iran)



San Siro Stadium, Milano (Italy)



Campo de Rugby, Burgos (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, Nizhny Novgorod (Russia)



Our Lady Of Lourdes Catholic Church (Singapore)



Iglesia Colegio de Calasanz, Salamanca (Spain)



Buddhist Temple (Singapore)



Onze Lieve Vrouwebasiliek, Maastricht (Netherlands)



## 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

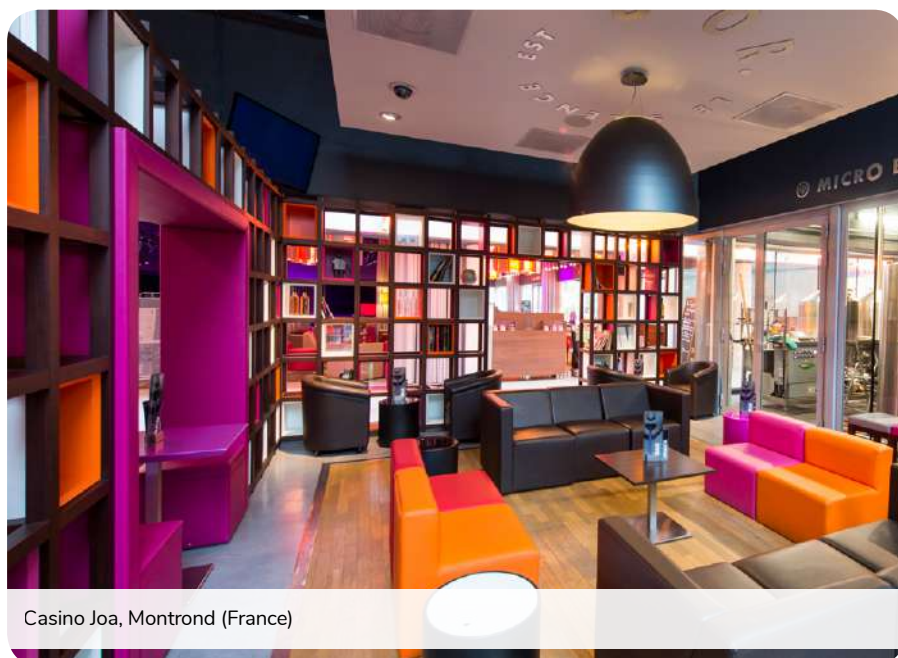
to a different world for a couple of hours. In this case the music soundtrack and special effects will be often employing a multichannel immersive sound system. Good intelligibility and audio dynamics will always be key factors. In a bar music can create the perfect atmosphere to drink a beer and chat 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.



Stadsbrouwerij 013, Tilburg (Netherlands)



Teatre Liceu, Barcelona (Spain)



Casino Joa, Montrond (France)



Oceanográfico Ciudad de las Artes, Valencia (Spain)



# 2. WISPEAK WIRELESS PRO AUDIO

**Ecler WiSpeak** is a technology that provides Wireless Professional Audio for fixed (permanent or temporary) installations, including transmitter devices and receiver (loudspeakers) devices.

**2.1. WIRELESS TRANSMITTER**

**2.2. WIRELESS RECEIVERS**







## CORE

### APPLICATIONS



**Ecler WiSpeak CORE** is the transmitter device that communicates with all the receiver devices to create a WiSpeak wireless network, and takes the role of the Master Unit. Its main functions are to pair and send audio contents to all the receivers (TUBE, CUBE, self-powered loudspeakers including a WiSpeak receiver module), keeping a stable communication with them, and send also individual configuration commands to each receiver if desired. It also takes care of the global configuration of the system: audio inputs in use, equalization, output levels, etc.

**CORE** is the Master Unit of the Ecler WiSpeak system. Together with TUBE and CUBE, provides a simple and fast wireless installation with up to 500m<sup>2</sup> coverage. It includes a WiSpeak grip app available for Android and iOS, which can be used for an advanced set up and fine tuning of the Wireless Pro Audio system.



CORE



**WiSpeak**  
WIRELESS PRO AUDIO



### KEY FEATURES

- 3 audio inputs available:
  - Analogue stereo, unbalanced. 2 x RCA connectors
  - Analogue stereo, balanced. 2 x Euroblock 3p connectors
  - Bluetooth®, class 1 (up to 25 meters range, maximum)
- 1x WiSpeak wireless audio signal transmitted (a mono conversion of the selected input)
- 1x AUX OUT analogue signal available (a copy of the transmitted WiSpeak signal). It can be used for linking the unit to external audio devices, like amplifiers, mixers or subwoofer units
- Maximum number of receivers under control per transmitter device = 24 units. The network can be extended by linking a new transmitter to an existing receiver
- Front panel controls for source (input) selection and general (Master) volume control
- 12 meters maximum range, open space, for the WiSpeak wireless network (from the transmitter to each receiver, star topology)
- Front panel PAIR key: it allows pairing the receivers to the transmitter quickly and easily, for a basic set up of the WiSpeak system.
- External, universal Power Supply (100-240VAC 50-60Hz)
- Compatible with WiSpeak grip app for set up and control functions (available for Android and iOS), using Bluetooth® connection

	CORE
Inputs	IN1: Balanced, Stereo, Euroblock   IN2: Unbalanced, Stereo, RCA   BT: Bluetooth wireless
Outputs	RF Channels 1 & 2 AUX OUT: Analog, Mono, Balanced, Euroblock
Audio Channels	WiSpeak CH 1&2
Frequency Band	U-NII 5.1 – 5.8GHz (supported worldwide)
Dimensions (WxHxD)	225x120x40mm / 8.9"x4.7"x1.6"
Weight	0.8kg / 1.76 lb



## TUBE / CUBE



Ecler WiSpeak TUBE/CUBE is a self-powered 3"/5" loudspeaker with wireless audio reception and control capabilities under the control of the Master unit.

TUBESMA is a surface mount adapter to allow installing a TUBE unit in locations where there is no available lighting rail.

## APPLICATIONS



CUBE

TUBE

NEW!



TUBESMA  
TUBE surface mount adapter

Wispeak grip app



**WiSpeak**  
WIRELESS PRO AUDIO



## KEY FEATURES

- Lighting rail mount compatible (Compatible light rails: 4 wire 3 circuit track system such as Global Track Pro, Eutrac or compatibles)
- Universal, internal power supply, taking mains AC from the lighting rail bracket (100-240VAC 50-60Hz)
- External AC wire included (CUBE)
- 1x WiSpeak wireless audio signal received, from the transmitter it is paired to
- 1x AUX OUT analogue signal available (a copy of the received WiSpeak signal). It can be used for linking the unit to external audio devices, like amplifiers, mixers or subwoofer units
- Back panel UNPAIR control and LED indicators
- 12 meters maximum range, open space, for the WiSpeak wireless network (from the transmitter to each receiver)
- Available in white (RAL 9003) and black colour (RAL 9005)

	TUBE	CUBE
Channels	CH1 / CH2: Digital, Mono, RF Wireless Audio	RF Wireless Audio
Inputs	Internal Loudspeaker: Analog, Mono, Self powered AUX OUT: Analog, Mono, Balanced, Euroblock	Internal Loudspeaker: Analog, Mono, Self powered AUX OUT: Analog, Mono, Balanced, Euroblock
Outputs	WiSpeak CH 1&2	WiSpeak CH 1&2
Tone control	U-NII 5.1 – 5.8GHz (supported worldwide)	U-NII 5.1 – 5.8GHz (supported worldwide)
Dimensions (WxHxD)	96mmx110mm / Ø3.8"x4.3" (without arm)	173x180x185mm / 6.81"x 7.08"x7.28"
Weight	0.8kg / 1.76 lb	2,4 kg / 5.29 lb

## ACCESSORIES



TUBESMA

# 3rd PARTY CONTROL DRIVERS AVAILABLE



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## WE INCREASE COMPATIBILITY WITH OTHER BRANDS

Programming control system will no longer be a headache. Even if you don't know the TP-NET / CA-NET protocols, you can now easily install any control system in your project.

*Multiply integration options and user friendly configurations.*



# 3. SOUND SOURCES

## 3.1 MICROPHONES

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

**eMHH1:** Handheld Dynamic Microphone

**eMCN1** and **eMCN2:** Gooseneck, Conferencing type Microphones

**eMHS1BG:** Headset Microphone

**eMWE:** Wireless Beltpack Transmitter

**eMWH:** Wireless Handheld Transmitter

**eMWR:** Wireless Receiver

**eMICFIT2:** Fitness & Sports Microphone

## 3.2 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 custommade remote panels...



**eMHH1 / eMCN1 / eMCN2 / eMBASE****APPLICATIONS**

**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.

**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



eMBASE



eMBASE



eMCN1



eMCN2

**ACCESSORIES**

eMHH1:



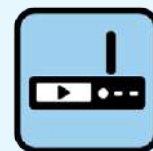
MBSTAND



MDSTAND



## eMHS1BG / eMICFIT2 / eMWR / eMWH / eMWE



### APPLICATIONS



**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.

**eMICFIT2** is a robust headset condenser microphone, including a water and sweat resistant treatment, ideal for sport and fitness applications. It performs an easy adjustment of the gooseneck and a discrete, light and comfortable design in combination with a robust and solid body. It features a mini-XLR 4-pin connector, compatible with the eMWE UHF wireless beltpack unit. It includes anti-pop wind-screen cover and rigid case.

**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



eMICFIT2



eMHS1BG



eMWH



eMWE



eMWR



## ePLAYER1

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.



ePLAYER 1



### 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
- 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](http://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	200x44(1 RU)x120mm / 7.87"x1.73"x4.72"
Weight	800 g / 1.76 lb

### APPLICATIONS



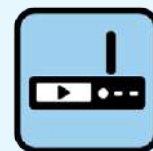
### ACCESSORIES



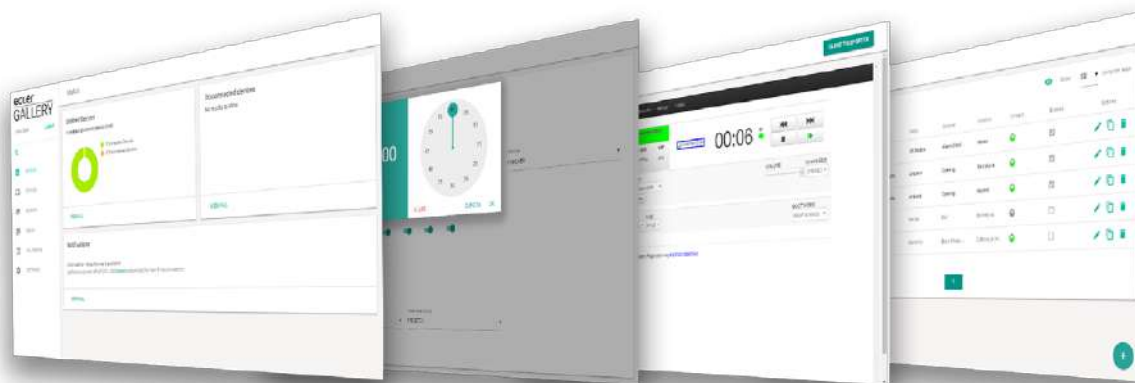
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## Ecler GALLERY / RePLAYER

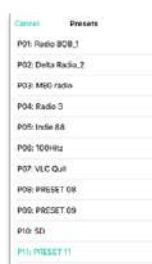
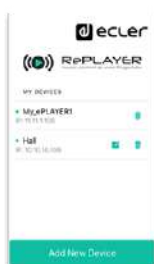


### APPLICATIONS



Ecler GALLERY

**RePLAYER** is an Android/iOS application for remote controlling basic user functions of Ecler Essentials ePLAYER1 streaming media players. These basic functions include preset and audio source selection, volume control, playback control (PLAY/PAUSE, NEXT, PREV) and other settings such as repeat mode, mono/stereo or fade mode. All this in a simple to use application, with an intuitive design. Music control at your fingertips.



RePLAYER



## eSAS-BT / eWAMPBT+

### APPLICATIONS



**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.



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

### ACCESSORIES

#### eWAMPBT+:



eWAMPBT+BOX

	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 connection	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 (WxHxD)	435x44(1RU)x132mm / 17.13"x1.73"x5.20"	86x86x38mm / 3.38"x3.38"x1.50"
Weight	1,4 kg / 3.09 lb	140 g / 0.31 lb



## DUO-NET PLAYER



### APPLICATIONS



**DUO-NET PLAYER** is a double audio sound source that features full EclerNet compatibility (EclerNet Manager software, UCP control system, WPmSCREEN/WPNETTOUCH remote management, TP-NET third party integration protocol, etc.). It includes 2 independent stereo media players, each one being able to play Internet audio streams and local or networked audio media.

**DUO-NET PLAYER** can be used as a stand-alone media player or integrated as a piece of a full EclerNet system, as well as coexisting with third-party devices.



DUO-NET PLAYER Controller



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 WPNETTOUCH and third-party client devices (iOS®, Windows® and Android®)
- 4 GPI ports (General Purpose Inputs) to trigger event
- 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 outputs	2 x stereo balanced, LINE level, Euroblock type
Audio inputs	1 x Ethernet (RJ45), 1 x RS-232 (DB9), 4 x GPI (Euroblock)
Local media	USB, SD/SDHC
Accessories included	Included IR remote control
Dimensions (WxHxD)	482,6x44(1 RU)x120mm / 19"x1.73"x4.72"
Weight	1,8 kg / 3.97 lb

### ACCESSORIES



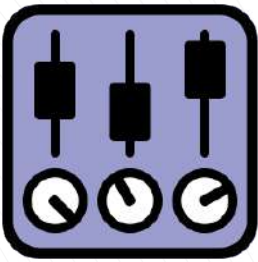
WPNETTOUCH

# 4.

## ANALOGUE PREAMPLIFIERS & MIXERS

### 4.1 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.





## eSAM Series



## APPLICATIONS



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 operate in ST/MONO mode. Each input can be routed to output A, B and/or C.

eSAM402



eSAM702



eSAM603



## KEY FEATURES

- 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 (WxHxD)	482,6x44 (1RU)x120mm / 19"x1.73"x4.72"	482,6x44 (1RU)x120mm / 19"x1.73"x4.72"	482,6x44(1RU)x195mm / 19"x1.73"x 7.67"
Weight	1,7 kg / 3.75 lb	1,8 kg / 3.97 lb	2,1 kg / 4.63 lb

## ACCESSORIES



MPAGE1r



WPaMIX-T



## SAM Series

### APPLICATIONS



**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.



SAM412T



SAM612T



### KEY FEATURES

- 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

### ACCESSORIES



MPAGE1r

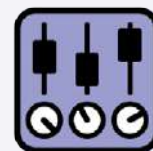


WPaMIX-T

	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 (WxHxD)	482,6x44(1RU)x195mm / 19"x1.73"x 7.67"	482,6x44(1RU)x195mm / 19"x1.73"x 7.67"
Weight	2,4 kg / 5.29 lb	2,0 kg / 4.41 lb



## eCOMPACT4BT/COMPACT8



### APPLICATIONS



**eCOMPACT4BT** is a 4 channel mixer with Bluetooth connection. It includes 4 microphone inputs, 6 stereo line inputs, USB charging port, Bluetooth® wireless connection and a mini-jack input for external devices.

**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.



eCOMPACT4BT



COMPACT8



eCOMPACT4BT: Bluetooth®

### KEY FEATURES

#### eCOMPACT4BT:

- Analogue mixer with 4 channels, 19 "rack installation or desktop
- 4 mic inputs, one of them with Talkover function. 48V Phantom power
- Bluetooth® Class 1 wireless connection (up to 25m range in ideal conditions)
- Selectable high-pass filter (fc = 100Hz)
- 3-band tone control (treble, mid and bass)
- Send to alternative output (ALT OUT) per channel.
- USB port for charging mobile devices
- Rack mount accessory included

#### 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

	eCOMPACT4BT	COMPACT8
Channels	4 with independent gain & 45mm fader	8 with independent gain & 60mm fader
Inputs	6 ST LINE + 1 ST mini-Jack + 4 MIC + Bluetooth® connection	12 ST LINE + 8 MIC + 3 PHONO/LINE
Outputs	2 MAIN ST + 2 ALT ST + 1 SUB + 1 PHONES	2 MAIN ST + 1 REC + 1 Headphones
Tone control	Bass, mid & treble (per channel)	Bass, mid & treble (per channel)
Dimensions (WxHxD)	440x132(3RU)x125mm / 17.32"x5.19"x4.92"	482,6x177 (4RU)x221,6mm / 19"x6.97"x8.72"
Weight	3,0 kg / 6.61 lb	5,2 kg / 11.46 lb



## GENIO

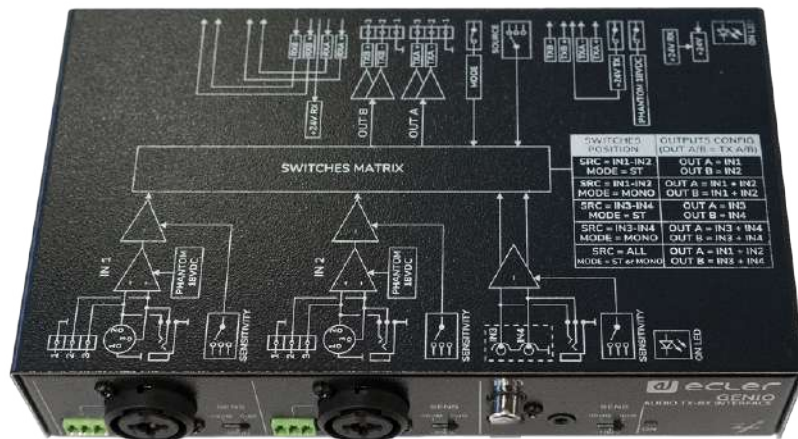
### APPLICATIONS



**GENIO** is an analogue audio balancer, receptor and emitter device (2 channel for sending + 2 channels for receiving). Admits connecting MIC/LINE input balanced or unbalanced signals by incorporating Combo connectors RCA and mini-jack. The input signals are balanced then processed (sum, stereo to mono conversion) and sent to another GENIO device acting as a remote receiver by means of using a CAT5 cable or higher. This configuration allows installing long distance cabling. Those signals are balanced and available in the same GENIO unit using Euroblock connectors. Each GENIO unit can perform simultaneously as emitter and receptor which means 2 signals could be sent and received at the same time in each unit.



GENIO



### KEY FEATURES

- Analog audio balancer-transmitter-receiver equipment (2 send channels + 2 receiver channels)
- 1/2 RU format
- Universal external PSU, multi-plug
- 1 duplicate format ST input: mini-jack and double RCA
- 2 balanced mono inputs, combo format
- 1 balanced ST output with local connectors, being able to select different combinations of inputs for this output
- The same balanced output, 2 channels, is available in RJ45 connector for delivery via a CAT5 over long distances, received in a remote unit
- The same unit has another RJ45 port for 2-channel reception coming from the remote unit
- One of the 2 units can send remote power to your linked unit, by the transmission cable (TX port)

	GENIO
Inputs	4 (2 mono balanced, 1 ST unbalanced)
Outputs	2 (balanced)
Phantom Power	+18VDC
Communication Interfaces	TX Port (RJ-45)   RX Port (RJ-45/Euroblock), analog audio + remote power
Dimensions (WxHxD)	200x44(1RU)x130mm / 7.87"x1.73"x5.12"
Weight	750 gr / 1.65 lb



# 5.

## DIGITAL MATRIXES AND PROCESSORS

### 5.1 DIGITAL MATRIXES

**MIMO** and **HUB** series will let you process audio signals with outstanding flexibility, disregarding physical distance barriers when they are transported through Ethernet networks (MIMO4040DN) and providing custommade, user-friendly control panels for the end users.

### 5.2 DIGITAL AUDIO MANAGERS

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

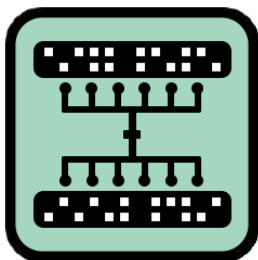
Halfway between a digital matrix and a multichannel amplifier, including all their features and ready to fit as a global solution into projects that refuse isolated matrixes and amplifiers into the equipment list, in some cases due to budget reasons, in some others due to safety against manipulation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

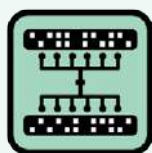
### 5.3 DIGITAL PROCESSORS

**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.





## MIMO4040DN

MIMO4040DN is a digital matrix with native processing of 40 inputs and 40 outputs (8 analogue inputs, 8 analogue outputs, 32 Dante™ inputs and 32 Dante™ outputs). Incorporating audio over IP technology, MIMO4040DN allows signal transmission using a Local Ethernet network, suppressing cabling distance limitations. It features accessories from WPNET Series connected by Ethernet and PoE. This ensures flexible and efficient installations. MIMO4040DN is also capable of executing EclerNet projects thanks to its processor acting as a UCP (User Control Panels) server within an EclerNet devices network.



MIMO4040DN

### APPLICATIONS



### ACCESSORIES



WPNETTOUCH



PAGENETDN



WP22DN



WPNET4KV/8K



WPaMIX-T



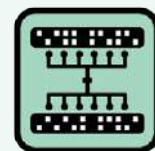
### KEY FEATURES

- 40 inputs x 40 outputs digital audio native matrix, with analog inputs / outputs and Dante™ support with 32 input channels and 32 output channels:
  - 8 MIC / LINE analog audio inputs
  - 8 LINE analog audio outputs
  - 32 Dante™ input channels
  - 2 Dante™ output channels
- 8 GPI ports
- 8 GPO ports
- 2 Dante™ interfaces (primary and secondary), available for configuration of redundant Dante™ networks
- 1 Ethernet programming and control interface (EclerNet, UCP, TP-NET and WPNET series control panels)
- 1 serial control port, RS-232 (TP-NET)
- Embedded project manager and server of the project's integrated UCP panels
- Connection of all peripherals directly via EtherNet network, and without local wiring (remote controls WPNET series, PAGENETDN, WP22DN, etc.)

	MIMO4040DN
Inputs	8 analog + 32 Dante
Outputs	8 analog + 32 Dante
Communication Interfaces	1 Ethernet port, RJ45 (control) + 2 Dante ports, RJ45 (audio over IP) + 1 RS232 port, DB9
Remote control	8 GPI + 8 GPO ports / TP-NET protocol / UCP control system / EclerNet Manager
Dimensions (WxHxD)	482,6x44(1RU)x266,5mm / 19"x1.73"x10.49"
Weight	3,25 kg / 7.16 lb



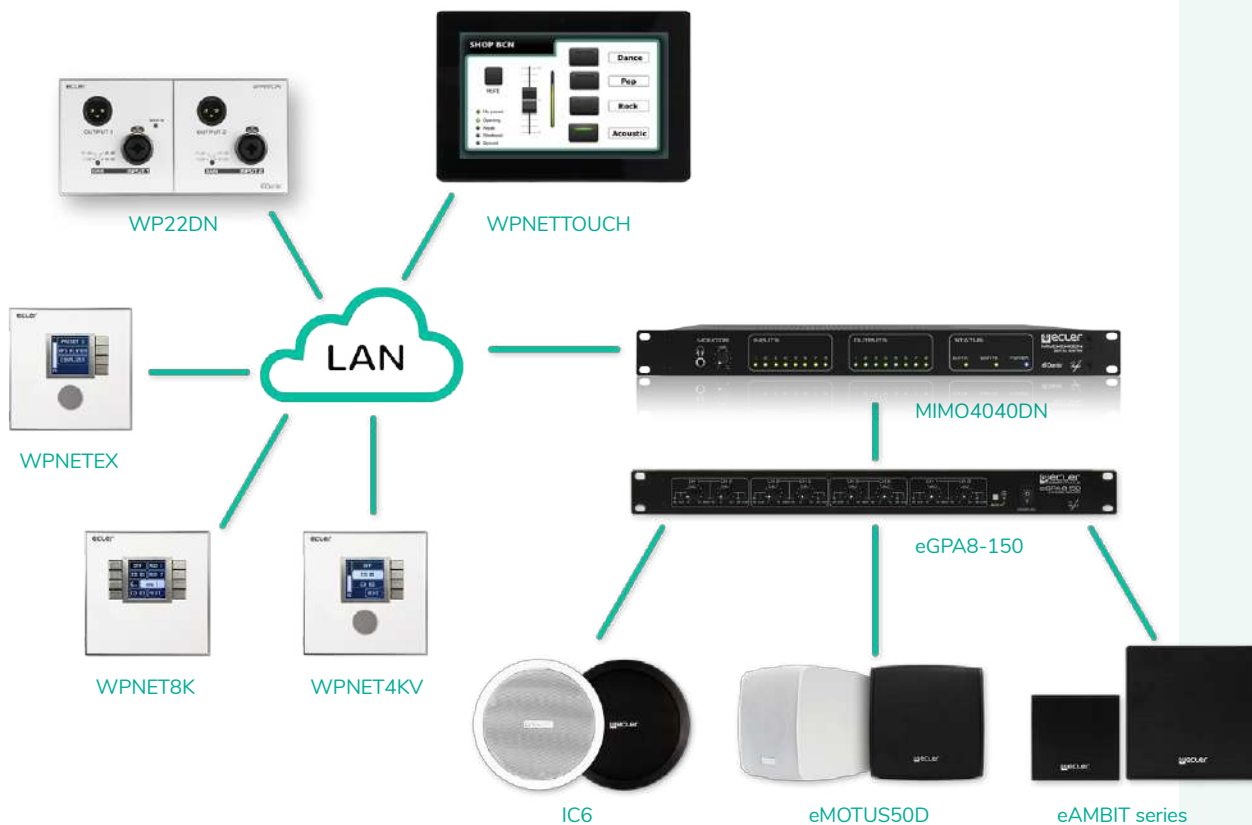
# MIMO4040DN

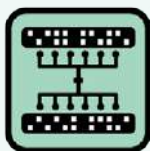


MIMO4040DN



EclerNet Manager





## MIMO88 / MIMO CONFERENCE

### APPLICATIONS



**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.

**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.



MIMO88



MIMO CONFERENCE



### ACCESSORIES



WPNETTOUCH



eMPAGE



WPaMIX-T



WPTOUCH

### KEY FEATURES

#### MIMO88:

- Fully programmable and controllable via EclerNet software
- UCP (User Control Panels) remote control system, compatible with WPNETTOUCH 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 (Larsen Effect), available for each INPUT channel

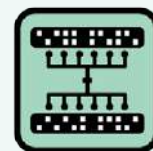
#### MIMO CONFERENCE:

- 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

	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 (WxHxD)	482,6x44(1RU)x266,5mm / 19"x1.73"x10.5"
Weight	3,5 kg / 7.72 lb



## MIMO88SG / MIMO1212SG



**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.

### APPLICATIONS



MIMO88SG



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 WPNETTOUCH 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 (WxHxD)	482,6x44(1RU)x266,5mm / 19"x1.73"x10.5"	482,6x44(1RU)x266,5mm / 19"x1.73"x10.5"
Weight	3,5 kg / 7.72 lb	3,5 kg / 7.72 lb

### ACCESSORIES



WPNETTOUCH



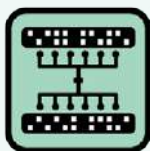
eMPAGE



WPaMIX-T



WPTOUCH



## HUB1408/HUB1616

### APPLICATIONS



**HUB1616** is a digital audio zoner with a global size of 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.

**HUB1408** is a digital audio zoner with a global size of 14 input and 8 output analogue channels with the same features than its big brother HUB1616. Available inputs are 4 MIC/LINE and 2 ST LINE local inputs, and 8 REMOTE LINE inputs.

**NEW!**



HUB1408



**NEW!**

HUB1616



### KEY FEATURES

- 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 paging consoles (up to 2)
  - Ecler pilot application, compatible with Android and iOS: control graphic panels set to user requirements
  - TP-NET protocol for control and integrating with third party systems
- Audio over audio priority function with two levels: inputs MIC/LINE attenuate or completely mute the sound content present (programme audio) in specific target zones: emergency messages, warnings, etc., in Talkover mode or Pager
- MUTE port can be activated by closing the external dry contact, affecting programmed outputs to this effect
- Available DSP: frequency shifter, link stereo, delay, crossover filters, graphic EQ, compressor/limiter and much more
- Control available, by zone (output): selection of audio source (input), volume adjustment and MUTE, and 3 band tone adjustment.

### ACCESSORIES



eMPAGE

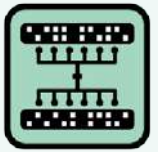


eMCONTROL1

	HUB1408	HUB1616
Inputs	4 MIC/LINE + 2 ST LINE + 8 Remote Mono LINE	4 MIC/LINE + 4 ST LINE + 8 Remote Mono LINE
Outputs	8 Bal. (Euroblock)	16 Bal. (Euroblock)
Communication Interfaces	1 Ethernet + 1 RS232	1 Ethernet + 1 RS232
Remote control	8 ports (RJ45)	8 ports (RJ45)
Dimensions (WxHxD)	482,6x88(2RU)x200mm / 19"x3.46"x7.87"	482,6x88(2RU)x200mm / 19"x3.46"x7.87"
Weight	3,7 kg / 8.16 lb	3,7 kg / 8.16 lb

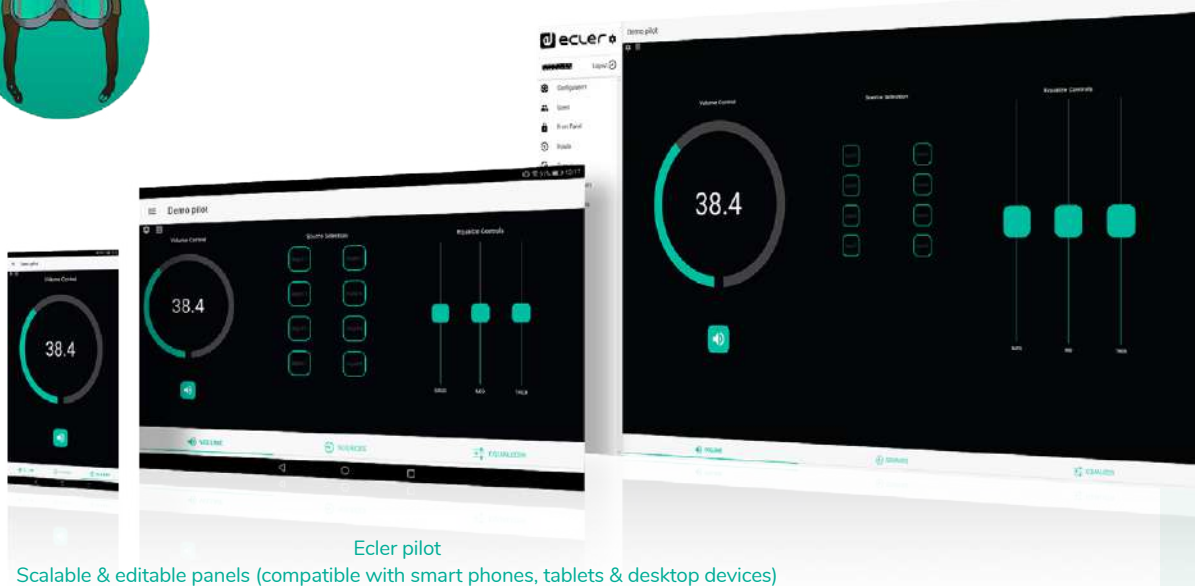


## Ecler pilot



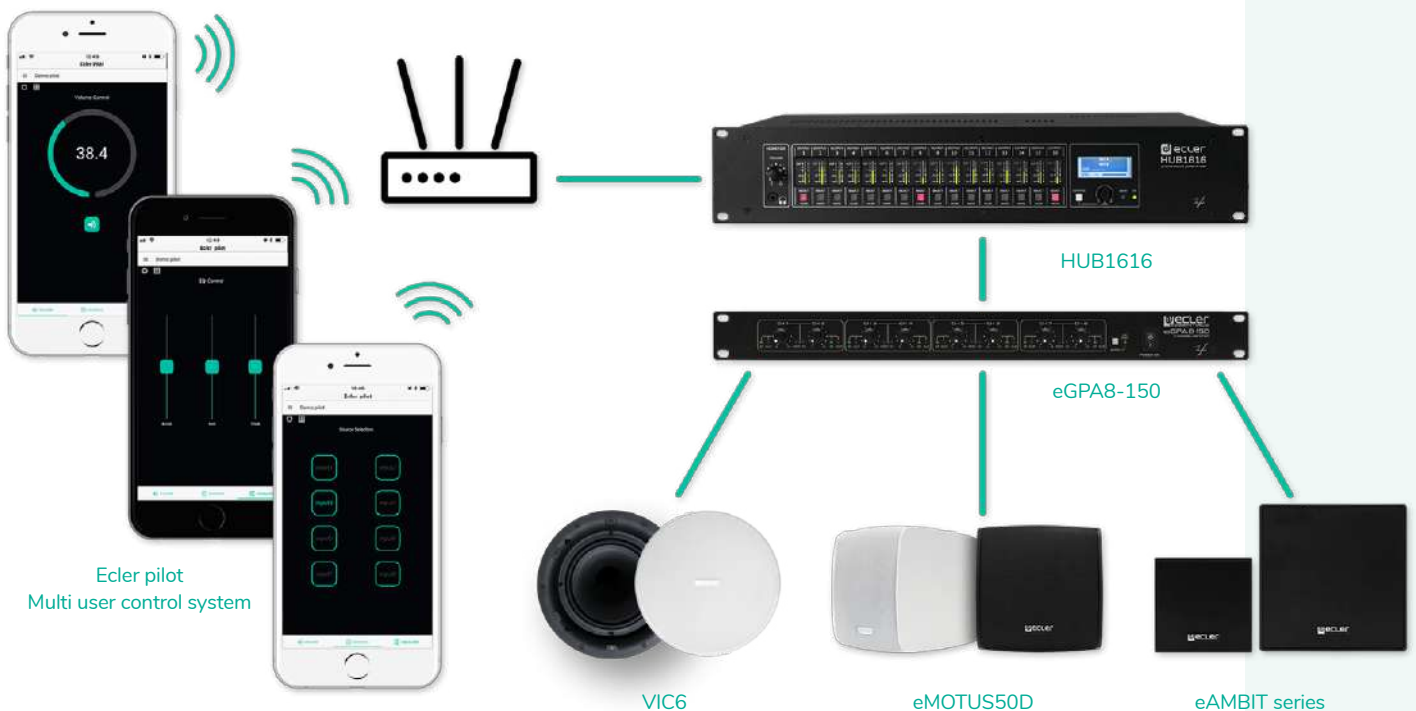
**Ecler pilot** is an end-user remote control application to manage one or several installation zones. Each end-user grants a customised access via his/her credentials, getting access to a closed list of control panels which have been previously decided by the HUB Administrator. The Administrator configures and manages everything in the HUB 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.

Ecler pilot app is available for Android and iOS devices.



Ecler pilot

Scalable & editable panels (compatible with smart phones, tablets & desktop devices)

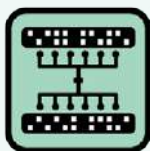


Ecler pilot  
Multi user control system

VIC6

eMOTUS50D

eAMBIT series

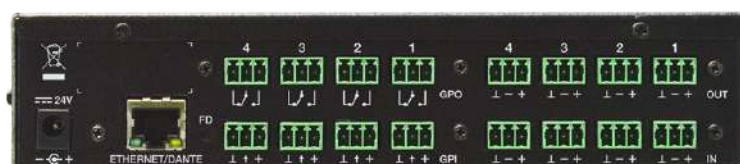


## DN44BOB

**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



### 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
- PUM3 included: rack-mount accessory to mount 2 half-width RU devices in 1 standard width RU space.

### ACCESSORIES

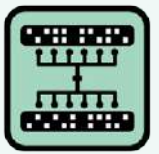


MPAGE1r

	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 (WxHxD)	241x44(1RU)x152mm / 9.48"x1.73"x5.98"
Weight	1,1 kg / 2.42 lb



## DAM614



## APPLICATIONS



**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



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

## ACCESSORIES

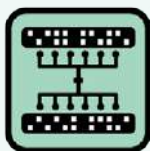


MPAGE4



WPa series

	<b>DAM614</b>
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 (WxHxD)	482,6x44(1RU)x120mm / 19"x1.73"x4.72"
Weight	2,0 kg / 4.41 lb



## NXA Series

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.

### APPLICATIONS



NXA4-400



NXA6-200

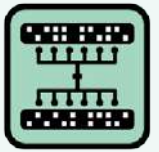


### KEY FEATURES

- 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 (WxHxD)	482,6x88(2RU)x373mm / 19"x3.46"x14.68"	482,6x88(2RU)x373mm / 19"x3.46"x14.68"	482,6x88(2RU)x373mm / 19"x3.46"x14.68"
Weight	8,6 kg / 18.96 lb	11,1 kg / 24.47 lb	15,6 kg / 34.39 lb

# NXA Series



NXA4-80



NXA4-200



NXA4-400



NXA6-80

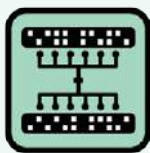


NXA6-200



	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 (WxHxD)	482,6x88(2RU)x373mm / 19"x3.46"x14.68"	482,6x88(2RU)x373mm / 19"x3.46"x14.68"
Weight	10,2 kg / 22,49 lb	12,9 kg / 28,43 lb





## ALMA24 / ALMA26

### APPLICATIONS



**ALMA24** is a digital loudspeaker manager 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.

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



ALMA24



ALMA26



### KEY FEATURES

#### ALMA24:

- 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)

### ACCESSORIES



WPaVOL

	ALMA24	ALMA26
Inputs	2 XLR	2 XLR
Outputs	4 XLR	6 XLR
Remote control	2 GPI	2 GPI
Front panel control	No	Yes
Dimensions (WxHxD)	482,6x44(1RU)x120mm / 19"x1.73"x4.72"	482,6x44(1RU)x120mm / 19"x1.73"x4.72"
Weight	1,8 kg / 3.97 lb	1,8 kg / 3.97 lb

# 6. AMPLIFIERS

## 6.1 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.

## 6.2 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.

## 6.3 MIXING AMPLIFIERS

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

## 6.4 COMPACT AMPLIFIERS

eCA basic (ESSENTIALS) micro-amplifiers and CA (premium) microamplifiers, 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.





## eLPA Series

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.

### APPLICATIONS



eLPA2-350



4Ω

8Ω

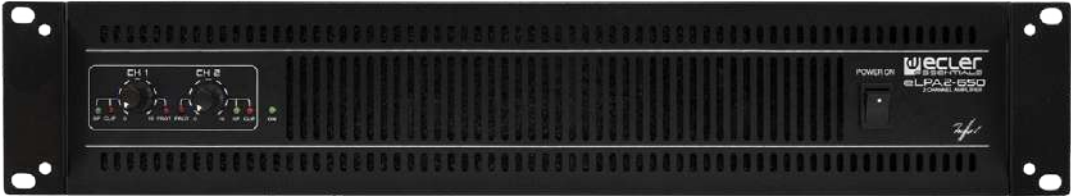
### KEY FEATURES

- 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

	eLPA2-350	eLPA2-650
1 channel @ 4Ω (RMS)	345W	630W
1 channel @ 8Ω (RMS)	200W	340W
All channels @ 4Ω (RMS)	560W	1220W
Internal crossover	Yes	No
Dimensions (WxHxD)	482,6x88(2RU)x266mm / 19"x3.46"x10.47"	482,6x88(2RU)x266mm / 19"x3.46"x10.47"
Weight	5,5 kg / 12.12 lb	6,0 kg / 13.23 lb



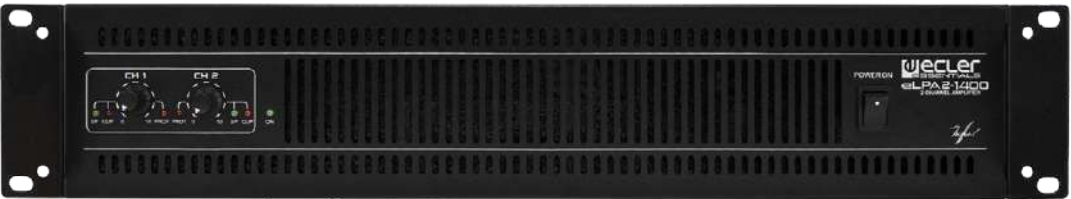
# eLPA Series



eLPA2-650



eLPA2-950



eLPA-1400



	eLPA2-950	eLPA2-1400
1 channel @ 4Ω (RMS)	950W	1400W
1 channel @ 8Ω (RMS)	500W	770W
All channels @ 4Ω (RMS)	1840W	2600W
Internal crossover	No	No
Dimensions (WxHxD)	482,6x88(2RU)x266mm / 19"x3.46"x10.47"	482,6x88(2RU)x304mm / 19"x3.46"x11.97"
Weight	6,2 kg / 13.67 lb	6,3 kg / 13.89 lb



## eGPA Series

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

### APPLICATIONS



eGPA2-150



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

### ACCESSORIES



CNXEBLINK4



WPaMIX-T

	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 (WxHxD)	482,6x44(1RU)x161mm / 19"x1.73"x6.34"	482,6x44(1RU)x221mm / 19"x1.73"x8.7"
Weight	2,7 kg / 5.95 lb	3,4 kg / 7.49 lb

# eGPA Series



eGPA4-150



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 (WxHxD)	482,6x44(1RU)x221mm / 19"x1.73"x8.7"	482,6x44(1RU)x341mm / 19"x1.73"x13.42"
Weight	3,7 kg / 8.15 lb	6,5 kg / 14.33 lb





## GPA 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.

**GPA2-400ES** is a stereo amplifier delivering 2x350WRMS @ 4 Ω.

**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).



GPA2-400ES



GPA2-800



**GPA2-400ES:**

4Ω

8Ω

**GPA2-800:**

2Ω

4Ω

8Ω

### KEY FEATURES

- 2 analogue audio inputs x 2 powered audio outputs
- Euroblock output and speakon connectors
- 2 REMOTE volume ports (0-10VDC), compatible with WPa 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

	GPA2-400ES	GPA2-800
1 channel @ 2Ω (RMS)	-	1000W
1 channel @ 4Ω (RMS)	390W	640W
1 channel @ 8Ω (RMS)	280W	347W
2 bridged channels @ 8Ω (RMS)	700W	1150W
Dimensions (WxHxD)	482,6x88(2RU)x373mm / 19"x3.46"x14.68"	482,6x88(2RU)x423mm / 19"x3.46"x16.65"
Weight	10,4 kg / 22.93 lb	13,5 kg / 29.76 lb

### APPLICATIONS



### ACCESSORIES



WPa series

# DPA Series



DPA series features ECLER's SPM proprietary technology. 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).

## APPLICATIONS



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
- 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 (WxHxD)	482,6x88(2RU)x470mm / 19"x3.46"x18.50"	482,6x132,5(3RU)x532mm /19"x5.22"x20.94"
Weight	22,7 kg / 50.04 lb	34,1 kg / 75.17 lb



## eHSA Series

eHSA is a multichannel amplifier with high impedance powered outputs. They are lightweight, versatile and affordable amplifiers.

### APPLICATIONS



eHSA2-150



NEW!

eHSA4-60



eHSA4-150



### KEY FEATURES

- Euroblock output connectors
- Thermal protection
- Overload protection
- Anti-clip system

### eHSA2-150/4-60/4-150

- High efficiency, auto stand-by function and convection cooling (fanless, 100% silent)
- Volume control knobs on front panel

- High and low impedance outputs (eHSA4-60 only)
- Link-channel buttons: allows to replicate the input channel signal in the adjacent one (eHSA4-60 only)

	eHSA2-150	eHSA4-60	eHSA4-150
1 channel @ 70/100V (RMS)	145W	60W	145W
All channels @ 70/100V (RMS)	142W	60W	140W
Dimensions (WxHxD)	482,6x44(1RU)x221mm / 19"x1.73x8.70"	482,6x44(1RU)x280mm / 19"x1.73x11.21"	482,6x44(1RU)x341mm / 19"x1.73x13.42"
Weight	6,1 kg / 13.44 lb	7,8 kg / 17.19 lb	10,5 kg / 23.14 lb



## eHSA Series



eHSA2-250



eHSA2-500



eHSA4-250



eHSA4-500



100V

## KEY FEATURES

## eHSA2-250/500 &amp; eHSA4-250/500

- 2 mono balanced inputs (Euroblock terminals) with stack outputs
- Selectable HPF (Cut-off freq. = 75Hz)
- Volume control trimmers on rear panel

	eHSA2-250	eHSA2-500	eHSA4-250	eHSA4-500
1 channel @ 100V	250W	500W	250W	500W
All channels @ 100V	250W	500W	250W	450W
Dimensions (WxHxD)	482,6x88(2RU) x365mm / 19"x3.46"x14.37"	482,6x88(2RU) x365mm / 19"x3.46"x14.37"	482,6x88(2RU) x373mm / 19"x3.46"x14.68"	482,6x88(2RU) x365mm / 19"x3.46"x14.37"
Weight	6,2 kg / 13.67 lb	6,3 kg / 13.89 lb	7 kg / 15.43 lb	7,6 kg / 16.75 lb



## HSA Series

### APPLICATIONS



**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.

**HSA2-400ES** 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 Energy Star certified).



HSA300



HSA2-400ES



HSA300:

100V

HSA2-400ES:

4Ω

8Ω

70V  
100V

### 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

#### HSA2-400ES:

- 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 WPa series wall panels
- Energy Star® Certification
- High efficiency, auto stand-by function and convection cooling (fanless, 100% silent)

### ACCESSORIES



WPa series

	HSA300	HSA2-400ES
1 channel @ 70/100V(RMS)	302W (100V)	450W
1 channel @ 4Ω (RMS)	-	390W
1 channel @ 8Ω (RMS)	-	280W
Dimensions (WxHxD)	482,6x88(2RU)x285mm / 19"x3.46"x11.22"	482,6x88(2RU)x373mm / 19"x3.46"x14.68"
Weight	8,4 kg / 18.51 lb	16,4 kg / 36.15 lb

# HZA4-120F



**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.

## APPLICATIONS



HZA4-120F



## 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 output power and managing their signal routing and volume control as a single merged channel

	HZA4-120F
1 channel @ 100V(RMS)	114W
2 merged channels @ 100V (RMS)	195W
3 merged channels @ 100V (RMS)	290W
4 merged channels @ 100V (RMS)	356W
Dimensions (WxHxD)	482,6x88(2RU)x392mm / 19"x3.46"x15.43"
Weight	13,6 kg / 29.98 lb

## ACCESSORIES



WPa series





## eHMA Series

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

### APPLICATIONS



eHMA60



eHMA120

**NEW!**



eHMA250



### 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	eHMA250
1 channel @ 4Ω (RMS)	66W	95W	250W
1 channel @ 70/100V(RMS)	60W	95W	250W
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 (WxHxD)	200x44(1RU)x150mm / 7.87"x1.73"x5.90"	435x44(1RU)x120mm / 17.13"x1.73"x4.72"	435x44(1RU)x220mm / 17.13"x1.73"x8.7"
Weight	1,9 kg / 4.18 lb	2,9 kg / 6.39 lb	3 kg / 6.61 lb

### ACCESSORIES

eHMA60 / eHMA120:



1UHRMKT

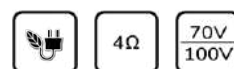
## HMA120



## APPLICATIONS



HMA120



## KEY FEATURES

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

	HMA120
1 channel @ 8Ω (RMS)	84W @ 8Ω / 110W @ 4Ω
1 channel @ 70/100V(RMS)	110W
Inputs	3 LINE + 1 MIC/LINE + 1 MIC + Media player (USB + SD)
Outputs	1 Hi-Z + 1 Lo-Z + 1 AUX
Dimensions (WxHxD)	210x88(2RU)x230mm / 8.26"x3.46"x9.05"
Weight	6,0 kg / 13.23 lb

## ACCESSORIES

## HMA120:



2UHRMKit



WPa Series



MPAGE1r



## eCA DANTE™ Series

### APPLICATIONS



**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 Dante™ 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.



eCA120DN



eCA120HZDN



eCA120DN:



eCA120HZDN:



### KEY FEATURES

- 2 x 60 W RMS @ 4 W 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)

### ACCESSORIES



WPa series



1UHRMKIT

	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 (WxHxD)	200x44(1RU)x120mm / 7.87"x1.73"x4.72"	435x44(1RU)x120mm / 17.12"x1.73"x4.72"
Weight	0,9 kg / 1.98 lb	2,8 kg / 6.17 lb



## eCA Series



**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 WPaVOL and WPaVOL-SR wall panels (0-10 VDC). External, universal and CE/UL/CCC certified power supply.

## APPLICATIONS



eCA120



eCA120Hz



eCA120

eCA120Hz



eCA120:

4Ω

eCA120Hz:

70V  
100V

## 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 WPa 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 (WxHxD)	190x48x90mm / 7.48"x1.89"x3.54"	190x48x190mm / 7.48"x1.89"x7.48"
Weight	600 g / 1.32 lb	2,3 kg / 5.07 lb

## ACCESSORIES



WPa series



## CA Series

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.

### APPLICATIONS



CA40/120:



CA120HZ:



### KEY FEATURES

- Compact amplifier
- Digital local control, encoder type
- Infrared remote control included
- Remote control compatible with WPaVOL and WPaVOL-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

### ACCESSORIES



MPAGE1r



WP series

	CA40	CA120	CA120HZ
1 channel @ 4Ω (RMS)	22W	68W	-
1 channel @ 70/100V(RMS)	-	-	96W
Inputs	2 LINE ST + 1 MIC	2 LINE ST + 1 MIC/LINE ST	2 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 (WxHxD)	155x45x155mm / 6.10"x1.77"x6.10"	160x48x210mm / 6.29"x1.88"x8.26"	160x48x325mm / 6.29"x1.88"x12.79"
Weight	650 g / 1.43 lb	950 g / 2.09 lb	2,9 kg / 6.39 lb

## CA200Z



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

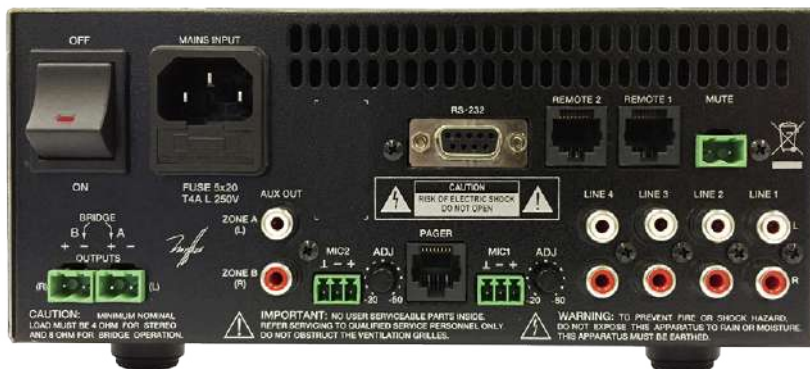
## APPLICATIONS



CA200Z



CA200Z Controller



## ACCESSORIES



MPAGE1r



MPAGE4



WPa series



2UHRMKIT



TR2-70

## KEY FEATURES

- 4 LINE ST & 2 MIC audio inputs, with independent routing and levels for outputs A and B
- 2 x 70 WRMS @ 4  $\Omega$  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 WPa 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 @ 8 $\Omega$ (RMS)	38W @ 8 $\Omega$ / 70W @ 4 $\Omega$
2 bridged channels @ 8 $\Omega$ (RMS)	97W
Inputs	4 LINE + 2 MIC
Remote control	IR + 2 RJ45 + RS232 (EclerCOMM & CA-NET)
Dimensions (WxHxD)	210x88(2RU)x230mm / 8.26"x3.46"x9.05"
Weight	2,3 kg / 5.07 lb



# 7.

## LOUDSPEAKERS

### 7.1 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.

### 7.2 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.

### 7.3 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



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

eIC51-F



eIC51-F Fast mount system



eIC52



eIC5154



eIC52MS



eIC52MS



## APPLICATIONS



## 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	eIC52	eIC5154	eIC52MS
RMS power / Program power (8Ω)	-	20W / 40W	-	20 / 35W
Woofer / tweeter	5" / -	5,25" / 0,75"	5" / -	5" / 1"
Power selector @ 100V	3/6 W	3/6 W	0,38/0,75/1,5/3/6 W	-
SPL 1W/1m	89 dB	86 dB	92 dB	89 dB
Dimensions (ø internal x ø external x D)	155x175x50mm / 6.10"x6.89"x1.97"	164x202x65mm / 6.45"x7.95"x2.56"	158x180x147mm / 6.22"x7.08"x5.78"	120x165x60mm / 4.72"x6.49"x2.36"
Weight	400 g / 0.88 lb	1,0 kg / 2.20 lb	1,2 kg / 2.64 lb	0,6 kg / 1.32 lb

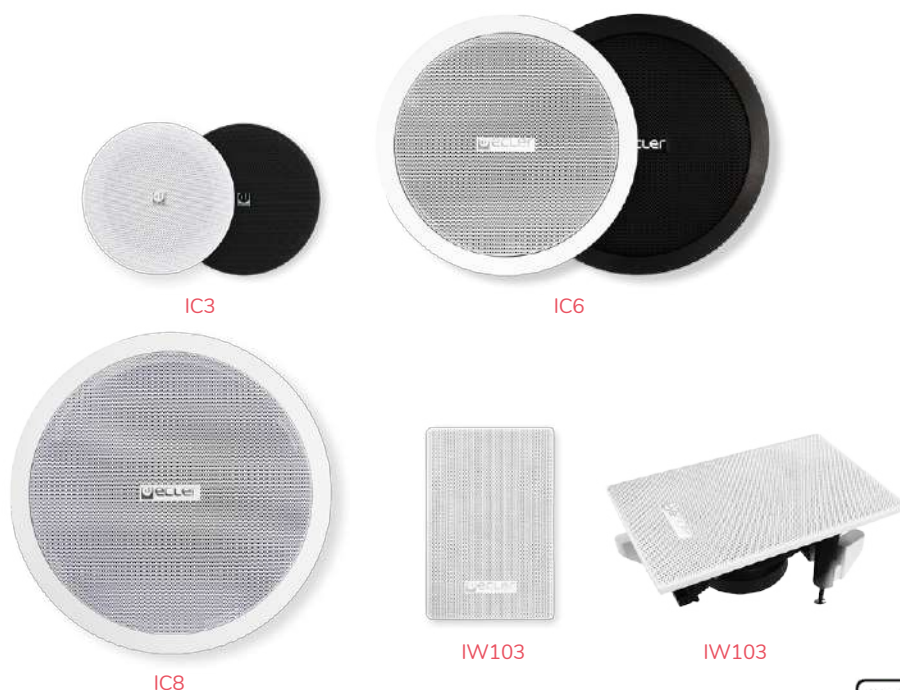


## IC Series / IW103

IC3 / IC6 / IC8 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.

### APPLICATIONS



### 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

	IC3	IC6	IC8	IW103
RMS power / Program power (8Ω)	10W / 20W	40W / 80W	60W / 120W	-
Woofer / tweeter	3" / -	6" / 1"	8" / 1"	3" / -
Power selector @ 100V	1,5/3/6 W	2,5/5/7,5/15 W	5/7,5/15/30 W	15/30 W
SPL 1W/1m	90dB	88 dB	89 dB	83 dB
Dimensions (ø internal x ø external x D)	82x100x95mm / 3.22"x3.93"x3.74"	178x204x73mm / 7"x8.03"x2.87"	220x245x91mm / 8.66"x9.64"x3.58"	(WxHxD) 110x165x80mm / 4.33"x6.49"x3.14"
Weight	520 g / 1.14 lb	1,5 kg / 3.30 lb	2,3 kg / 5.07 lb	900 g / 1.98 lb

### ACCESSORIES

#### IC series:



PKIC series



# VIC Series



Ecler's line of **VIC** ceiling loudspeakers features a careful selection of components in a user-friendly design that seeks speed and versatility of installation on any surface, while maintaining excellent sound quality.



Tile bridge and back can included in VIC 6X / 8X / SB8X



## KEY FEATURES

### VIC6/VIC6X:

- 2-way false ceiling loudspeaker
- 6,5" polypropylene woofer
- 0,5" steerable tweeter
- Output 40WRMS@8Ω
- 100V/70V in-line connection: 40 / 20 / 10 / 5 / 2,5W
- Sensitivity (1W/1m): 89 dB SPL

- Output 60WRMS@8Ω
- 100V/70V in-line connection: 60 / 30 / 15 / 7,5 / 3,75W
- Sensitivity (1W/1m): 88 dB SPL

### VIC8/VIC8X:

- 2-way false ceiling loudspeaker
- 8" polypropylene woofer
- 0,5" steerable tweeter

### VICSB8/VICSB8X:

- False Ceiling Subwoofer Unit
- 8" polypropylene woofer
- Output 80WRMS@8Ω
- 100V/70V in-line connection: 60 / 30 / 15 / 7,5 / 3,75W
- Sensitivity (1W/1m): 87 dB SPL
- Crossover included

	VIC6/6X	VIC8/8X	VICSB8/SB8X
RMS power / Program power(8Ω)	40W / 80W	60W / 120W	60W / 120W
Woofer / tweeter	6,5" / 0,5"	8" / 0,5"	8" / -
Power selector @ 100V	40/20/10/5/2,5W	60/30/15/7.5/3.75W	60/30/15/7.5/3.75W
SPL 1W/1m	89 dB	88 dB	87 dB
Dimensions (øxD)	VIC6: 232x105mm / 9.1"x4.1" VIC6X: 232x170mm / 9.1"x6.7"	VIC8: 282x115mm / 11.1"x4.5" VIC8X: 282x200mm / 11.1"x7.9"	VICSB8: 282x135mm / 11.1"x5.3" VICSB8X: 282x200mm / 11.1"x7.9"
Weight	VIC6: 1.8kg / 3.9 lb. VIC6X: 2.3kg / 5 lb.	VIC8: 2.3kg / 5 lb. VIC8X: 3.1kg / 6.8 lb.	VICSB8: 3.2kg / 7 lb. VICSB8X: 3.9kg / 8.6 lb.

## APPLICATIONS



## ACCESSORIES



AVICSG

### VIC6:



AVICCAN6L

### VIC8/SB8:



AVICCAN8L



## IC6CLASS Series

### APPLICATIONS

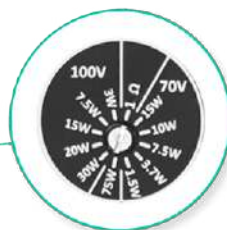


**IC6CLASS-TR** integrates a very careful and efficient selection of components (6,5" woofer + 1" tweeter), together with a mechanical design that provide a high quality audio ("Hi-Fidelity" profile sound) and a very fast installation process, just using a basic set of tools.

**IC6CLASS54X** is a kit containing 2 x IC6CLASS-54 (EN54-24 In-ceiling /In-wall High-end Loudspeaker) + IC-TB8 (2 Tile bridges for IC8 & IC6CLASS series). IC6CLASS-54 is a 2-way loudspeaker features a design which conforms to EN54-24 standard (Fire detection and fire alarm systems, Voice alarms - Loudspeakers), including a fire rated back can, ceramic connection terminals, thermal fuse and Internal FR wiring.



IC6CLASS-TR



IC CLASS  
Series grid



IC6CLASS-54X Back can



IC6CLASS-54X  
Ceramic fuse holder



IC6CLASS54X



IC6CLASS54X:



### KEY FEATURES

#### IC6CLASS-TR

- High-end 2-way loudspeaker
- 16  $\Omega$  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 tapings 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

#### IC6CLASS54X

- Fire rated back can
- Ceramic connection terminals
- Thermal fuse
- Internal FR wiring
- IC-TB8 Tile bridge included

	IC6CLASS-TR	IC6CLASS54X
RMS power / Program power (16 $\Omega$ )	75W / 150W	75W / 150W
Woofer / tweeter	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
Dimensions (WxHxD)	$\varnothing$ (internal)x $\varnothing$ (external)x D: 224x270x95mm / 8.81"x10.63"x3.74"	$\varnothing$ (internal)x $\varnothing$ (external)x D: 224x270x95mm / 8.81"x10.63"x3.74"
Weight	2,5 kg / 5.51 lb	3,1 kg / 6.83 lb

## NEST106



### APPLICATIONS



NEST106 front



NEST106 rear



3x NEST106 Corner cluster



4x 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 (WxHxD)	330x230x197mm / 13"x9.05"x7.75"
Weight	3,3 kg / 7.27 lb

### ACCESSORIES



MP106NEST2



MP106NEST3



MP106NEST4





## TRAIL103

**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 black colours available.

### APPLICATIONS



TRAIL 103 Loudspeakers mounted on ceiling light rail



TRAIL 103 Mounting options (included): ceiling light rails, surface mount and truss/threaded bar adapter



TRAIL 103



### KEY FEATURES

- 3" woofer
- Mounting options: ceiling light rails (Global Trac Pro and Eutrac compatible), 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 (WxHxD)	øxH: 96x110mm / 3.78"x4.33"
Weight	1,0 kg / 2.20 lb

### ACCESSORIES



PCS124

TRAILSB6T



APPLICATIONS



**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	86 dB
Dimensions (WxHxD)	200x200x320mm / 7.87"x7.87"x12.60"
Weight	6,3 kg / 13.89 lb



## eAMBIT Series

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

### APPLICATIONS



### ACCESSORIES

#### eAMBIT103:



MP103AMB2



MP103AMB4

#### eAMBIT106:



MP106AMB2



MP106AMB3



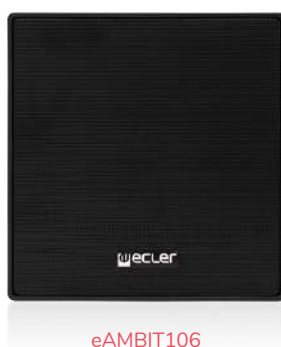
eAMBIT103



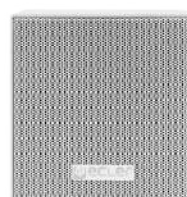
eAMBIT106



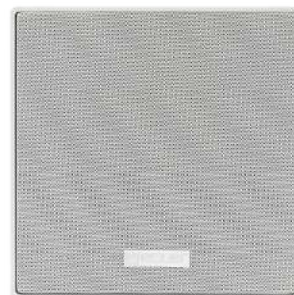
eAMBIT103



eAMBIT106



eAMBIT103



eAMBIT106



### KEY FEATURES

#### eAMBIT103 / eAMBIT106:

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

	eAMBIT103	eAMBIT106
1 channel @ 4 $\Omega$ (RMS)	25W / 50W	50W / 100W
1 channel @ 70/100V(RMS)	3,5" / 0,5"	6,5" / 1"
Inputs	2,5/5/7,5/15 W	5/7,5/15/30 W
Remote control	87 dB	93 dB
Dimensions (WxHxD)	120x120x117mm / 4.72"x4.72"x4.60"	210x210x160mm / 8.27"x8.27"x6.30"
Weight	1,3 kg / 2.86 lb	2,8 kg / 6.17 lb



## AUDEO Series



### APPLICATIONS



**AUDEO** series has a balanced, innovative design, resulting from the collaboration between ECLER and the prestigious group Giugiaro Design. It satisfies today's demands with respect to aesthetics, design and integration into all types of architectural environments which, together with its excellent sound quality, make this series the ideal solution for use in numerous sound projects.



AUDEO103



AUDEO106



AUDEO Cabinets  
Wall brackets (included)



AUDEO106

AUDEO SB110P



AUDEO SB110P  
Connections plate detail



AUDEO103/106:



### KEY FEATURES

#### AUDEO103 / AUDEO106

- 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	AUDEOSB110P
RMS power / Program power (8Ω)	25W / 50W	50W / 100W	150W / 300W
Woofer / tweeter	3,5" / 0,5"	6,5" / 1"	10" / -
Power selector @ 100V	2,5/5/7,5/15 W	5/7,5/15/30 W	-
SPL 1W/1m	90 dB	92,5 dB	112 dB
Dimensions (WxHxD)	132x134x110mm / 5.29"x5.27"x4.33"	242x242x163mm / 9.52"x9.52"x6.41"	310x420x505mm / 12.20"x16.53"x19.88"
Weight	1,5 kg / 3.30 lb	2,3 kg / 5.07 lb	16,8 kg / 37.03 lb

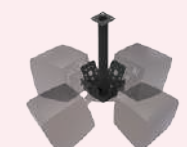
### ACCESSORIES



MSTANDAUEO



DSTANDAUEO



PCS124



## eMOTUS Series

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 white colour.



eMOTUS5PB  
Slave Unit



eMOTUS5PB  
Remote Controller



eMOTUS5PB  
Master Unit



eMOTUS  
Wall Mount (included)



eMOTUS5P  
Front



eMOTUS5P  
Slave Unit rear



eMOTUS5P  
Master Unit rear



### 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)

	eMOTUS5P	eMOTUS5PB
RMS power / Program power	2 x 25W / 2 x 50W	2 x 25W / 2 x 50W
Power selector @ 100V	-	-
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
Dimensions (WxHxD)	173x180x185mm / 6.81"x 7.08"x7,28"	173x180x185mm / 6.81"x 7.08"x7,28"
Weight	2,1 kg / 4.62 lb	2,4 kg / 5.29 lb

### APPLICATIONS

eMOTUS5P /  
eMOTUS5PB:



### ACCESSORIES



WP series

## eMOTUS series



**eMOTUS50D / eMOTUS80D** is a 2-way full range loudspeaker cabinet with eMOTUS unique design. It features an 5" / 8" woofer and 1" tweeter and it's suitable for low and high impedance lines, with different power tap options.

Ready for indoor and outdoor applications, thanks to its aluminium grill and UV protection treatment (IP65-rated). Wall mount accessories and safety sling are included for an easy and secure installation.

APPLICATIONS  
eMOTUS50D:

eMOTUS50D &amp; eMOTUS80D



eMOTUS80D side



eMOTUS80D



## KEY FEATURES

**eMOTUS50D / eMOTUS80D**

- 2-way cabinet, 5" / 8" woofer and 1" tweeter
- 40WRMS @ 8Ω / 100WRMS @ 8Ω
- Power selector 70/100V:
  - eMOTUS50D: 3,75 / 7,5 / 15 / 30W
  - eMOTUS80D: 3,5 / 7,5 / 15 / 30 / 60W
- Outdoor design
- IP65 rated
- Back rubber cover for connections
- Available in black and white colour

	eMOTUS50D	eMOTUS80D
RMS power / Program power	40W / 80W (8Ω)	100W / 200W (8Ω)
Power selector @ 100V	7,5/15/30 W	60/30/15/7,5/3,5 W
Audio inputs	-	-
Others	IP65 + paintable	IP65 + paintable
Dimensions (WxHxD)	173x180x181mm / 6.81"x 7.08"x7.12"	268x242x264mm / 10,5"x9,5"x10,4"
Weight	2,4 kg / 5.29 lb	4,25kg / 9.37 lb





## ARQIS Series

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.

### APPLICATIONS



ARQIS105 / 106  
Connection plate



ARQIS105 / 106 / 108  
Wall bracket (included)



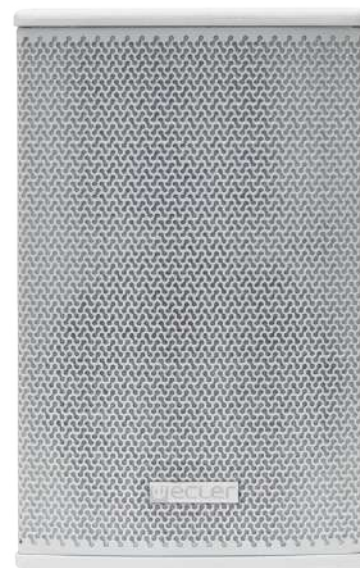
ARQIS108 Connection plate



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

### ACCESSORIES

#### ARQIS108:



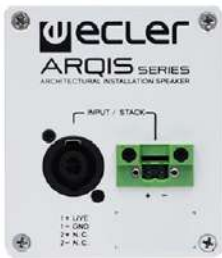
ARQ108UBWH



ARQ108UBBK

	ARQIS105	ARQIS106	ARQIS108
RMS power / Program power (8Ω)	70W / 140W	120W / 240W	150W / 300W
Woofer / tweeter	5,25" / 1" (tweeter)	6,5" / 1"	8" / 1"
Connector	Euroblock	Euroblock	Euroblock + Speakon
SPL 1W/1m	89 dB	92 dB	93 dB
Dimensions (WxHxD)	186x280x210mm / 7.32"x 11.02"x8.26"	216x350x240mm / 8.50"x13.78"x9.45"	244x390x280mm / 9.60"x15.35"x11.02"
Weight	3,6 kg / 7.93 lb	7,4 kg / 16.31 lb	8,4 kg / 18.52 lb

# ARQIS Series



ARQIS205 / 208  
Connection plate



ARQIS205  
With U bracket (included in ARQIS205 / 208)



ARQIS208

## KEY FEATURES

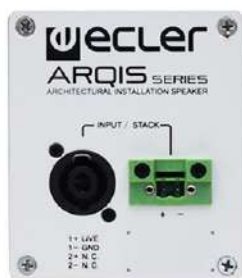
### ARQIS205 / ARQIS208

- 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

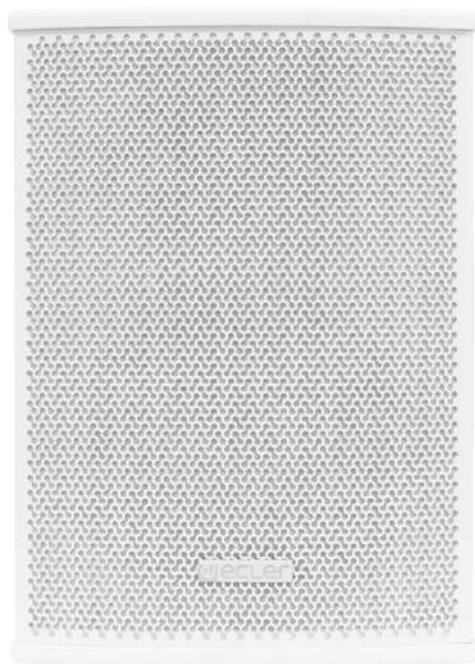
	ARQIS205	ARQIS208
RMS power / Program power (8Ω)	140W / 280W	300W / 600W
Woofer / driver	2x5,25" / 1"	2x8" / 1"
Connector	Euroblock + Speakon	Euroblock + Speakon
SPL 1W/1m	92 dB	96 dB
Dimensions (WxHxD)	480x186x210mm / 18.89"x7.32"x8.26"	610x244x280mm / 24.01"x9.60"x11.02"
Weight	8,4 kg / 18.52 lb	14,4 kg / 31.74 lb



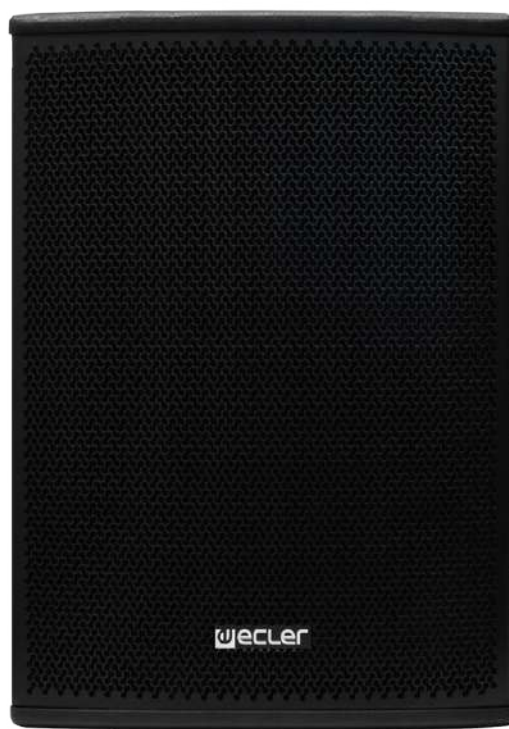
## ARQIS Series



ARQIS110 / 112 Connection plate



ARQIS110



ARQIS112

### APPLICATIONS



### ACCESSORIES



TRIPO1



SR12

#### ARQIS110:



ARQ110UBWH



ARQ110UBBK

#### ARQIS112:



ARQ112UBWH



ARQ112UBBK

### 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 (WxHxD)	359x495x310mm / 14.13"x19.49"x13.86"	416x565x352mm / 16.37"x22.24"x13.86"
Weight	14,8 kg / 32.63 lb	20,0 kg / 44.09 lb





## ARQIS Series / VERSOSB115P



### KEY FEATURES

#### ARQISSB6T

- 6,5" subwoofer + 6,5" passive 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

#### VERSOSB115P

- 15" woofer
- 500 WRMS integrated amplifier
- XLR inputs with mono conversion
- XLR stack outputs
- PHASE and volume controls
- Internal 100 or 150 Hz LPF (selectable)
- Top-hat 35 mm. standard pole mount socket

	ARQISSB6T	ARQISSB10	ARQISSB15	VERSOSB115P
RMS power / Program power (8Ω)	60/120W @ 70/100V ; 120W @ 8Ω	150W / 300W	600W / 1200W	500W / 1000W
Woofer	6,5" + 6,5" passive radiator	10"	15"	15"
Connector	Euroblock + spring loaded terminals	Euroblock + spring loaded terminals	Speakon	1 ST LINE (mono conversion) / Stack out
SPL 1W/1m	86 dB	94 dB	98 dB	125 dB
Dimensions (WxHxD)	250x390x130mm / 9.84"x15.35"x5.12"	600x442x228mm / 23.62"x17.40"x8.97"	534x460x525mm / 21.02"x18.11"x20.67"	590x450x490mm / 23.23"x17.71"x12.29"
Weight	8,2 kg / 18.07 lb	16,5 kg / 36.37 lb	32,0 kg / 70.54 lb	41,3 kg / 91.05 lb

**LABI1 Series** **NEW!****APPLICATIONS**

**ECLER LABI1 SERIES** has been specially designed to provide a compact loudspeakers system solution for mobile and fixed installations in environments in need of high output, easy and quick installation, and excellent sound quality. The variety of products and accessories allows several different configurations, depending on the needs required.

The series is composed by 3 loudspeakers: an active 18" subwoofer with 18 different DSP configurations, a passive 18" subwoofer, and a column loudspeaker featuring 12x3" transducers. Moreover, the series include several mounting accessories, allowing an easy installation of the C100i loudspeaker on multiple surfaces (on the subwoofer, on wall, pole, truss, etc), as well as an accessory to make the column ready for outdoor applications.



LABI1-C100i



LABI1-SB18 side



LABI1-SB18 front



LABI1-SB18 back



LABI1-SB18p back

**KEY FEATURES****LABI1-SB18p**

- 18" powered subwoofer with a compact design
- 2400W built-in Class D amplification power
- Low frequency amplifier: 1200W
- Speaker output amplifier: 2x600W@4Ω
- Frequency range (-10dB): 38Hz – 250Hz
- Max. SPL: 132dB
- 2 x input connectors: XLR3 balanced
- 2 x XLR stack output connectors: XLR3 balanced
- 2 x powered output connectors: Speakon®
- 18 factory presets
- User control interface with LCD
- Black finish available

- 500W AES
- Frequency range (-10dB): 38Hz – 250Hz
- Max. SPL: 132dB
- 1 x input connector: Speakon®
- 1 x stack output connector: Speakon®
- User control interface with LCD
- Black finish available

**LABI1-C100i**

- Full-range passive 100cm loudspeaker column
- Twelve 3" drivers with 0.75" neodymium voice coil
- 300W AES
- Speakon® and 2-pin Euroblock input connectors (+ LINK connectors)
- Several mounting options
- Ready for outdoor applications
- Black finish available

**LABI1-SB18**

- 18" passive subwoofer with a compact design

**ACCESSORIES**

LABI1-SWK



LABI1-SPC



LABI1-CFC

	LABI1-SB18	LABI1-SB18P	LABI1-C100i
RMS power / Program power	500W / 1200W	2400W	300W / 600W
Speaker type	18" subwoofer with 3" voice coil	18" subwoofer with 3" voice coil	12x3" speaker with 0.75" voice coil
Inputs / Outputs	Speakon®	Speakon®	2 x Neutrik Speakon® NL4MP + 2 x Euroblock 2-pin
Max SPL @ 1m	132 dB	132 dB	127dB
Dimensions (WxHxD)	513 x 513 x 704 mm / 20.2" x 20.2" x 27.7"	514 x 513 x 704 mm / 20.2" x 20.2" x 27.7"	89 x 1000 x 117mm / 3.5" x 39.4" x 4.6"
Weight	37.1 kg / 81.8 lb	39.1 kg / 86.2 lb	7.8 kg / 17.2 lb

# LABI1 Series



## APPLICATIONS



1 x LABI1-C100i + LABI1-SB18p  
Mono-single column configuration



2 x LABI1-C100i + LABI1-SB18p  
Stereo-single column configuration

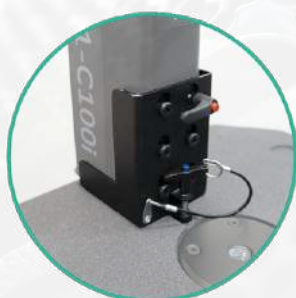


2 x LABI1-C100i + 1 x LABI1-SB18p  
Mono-double column configuration



4 x LABI1-C100i + 1 x LABI1-SB18p  
Stereo-double column configuration

LABI1-SAC  
Subwoofer to column adapter



LABI1-CAC  
Column to column adapter



LABI1-SAC



LABI1-CAC



LABI1-TBC



LABI1-WBC



LABI1-PBC



LABI1-HBC



LABI1-ODCNX





## CKL110T / CKLSM115T / DPC118

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

**CKL110T** is a 2-way, full range mid-high loudspeaker cabinet. It combines an enclosed 10" speaker attached to a Tractix horn with phase correction and a 2" compression driver.

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

**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.



CKL110T



CKL110T

CKLSM115T



CKLSM115T



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 transparent 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 - 280Hz	60 - 200Hz
SPL 1W/1m	112 dB	105 dB	112 dB
Dimensions (WxHxD)	550x550x650mm / 21.65"x21.65"x25.59"	550x550x650mm / 21.65"x21.65"x25.59"	750x570x720mm / 29.52"x22.44"x28.34"
Weight	47,0 kg / 103.61 lb	37,2 kg / 82.01 lb	55,5 kg / 122.35 lb

### APPLICATIONS



### ACCESSORIES



ADP

**eCS803 / eUC106**

**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.

**APPLICATIONS****eCS803:****eUC106:****KEY FEATURES****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  $\Omega$  and 70/100 V (40W RMS)
- 6,5" woofer + 1" tweeter
- Transformer selector: 32W-16W-8W-4W 100V / 16W-8W-4W-2W 70V - 8 $\Omega$
- Stripped wire connection (3m)
- Available in white and black finish
- EASE Win file available

	<b>eCS803</b>	<b>eUC106</b>
RMS power / Program power (8 $\Omega$ )	80W / 160W	40W / 80W
Woofer / tweeter	8x3" / -	6,5" / 1"
Power selector @ 100V	5/10/20/30 W	4/8/16/32 W
SPL 1W/1m	94 dB	89 dB
Dimensions (WxHxD)	105x760x90mm / 4.13"x29.92"x3.54"	øxH: 270x215mm / 10.62"x 8.46"
Weight	4,5 kg / 9,92 lb	3,0 kg / 6.61 lb



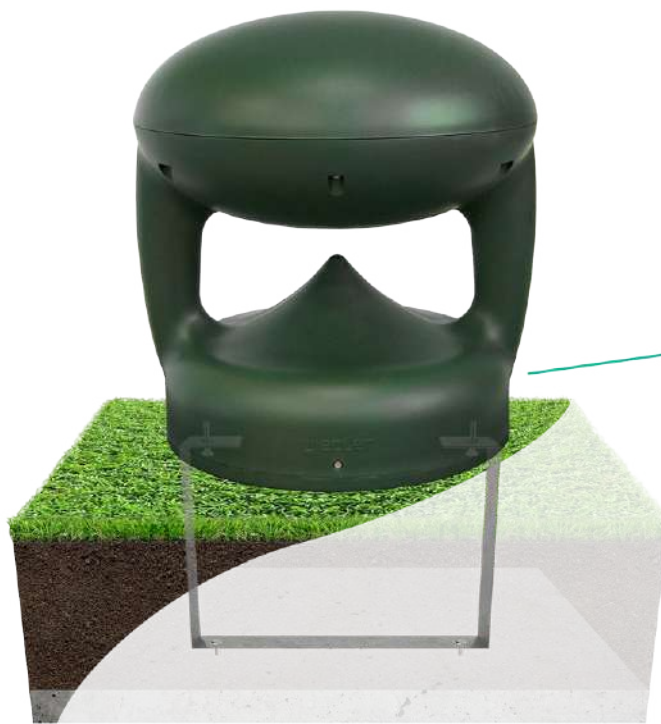
## IG108 / eRK108

### APPLICATIONS



**IG108** is an in-ground weatherproof loudspeaker (IP65) with an omni-directional horizontal dispersion pattern (360°). 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  
waterproof connector  
(IP65 rated)



IG108  
with security ground bracket

IG108  
security ground bracket (included)



eRK108



### KEY FEATURES

#### IG108

- IP65 outdoor rated loudspeaker
- 8  $\Omega$  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 (8 $\Omega$ )	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 (WxHxD)	$\phi$ xH: 360x392,5mm / 14.17"x15.45"	325x290x270mm / 12.79"x11.41"x10.63"
Weight	8,5 kg / 18.74 lb	5,0 kg / 11.02 lb



## ePRS10Ti/ePRS20Ti/ePHS30Ti/eMSP50Ti/eHORN10



### APPLICATIONS



ePRS10Ti

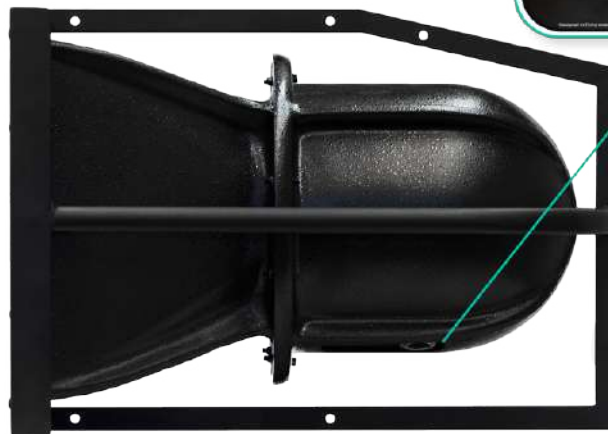
ePRS20Ti

ePHS30Ti

eMSP50Ti



eHORN10



eHORN10



ePRS10Ti / ePRS20Ti:



ePHS30Ti / eMSP50Ti:



eHORN10:



### KEY FEATURES

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

	ePRS10Ti	ePRS20Ti	ePHS30Ti	eMSP50Ti	eHORN10
RMS power / Program power (8Ω)	-	-	30W / 60W	50W / 100W	250W / 500W
Power selector @ 70/100V	10/5/2,5W @ 100V 5/2,5/1,25W @ 70V	20/10/5W @ 100V 10/5/2,5W @ 70V	30/15/7,5/3,75W @ 100V 30/15/7,5/3,75 /1,9W @ 70V	50/25/12,5/9/4,5 /2,6W @ 100V 25/12,5/9/4,5/2,6 /1,3W @ 70V	60/120/240 W
Others	5" driver	6,5" driver	IP66	IP66 + 6" woofer / 1" dome tweeter	IP46 + 10" LF driver / 1,7" HF driver
SPL 1W/1m	91 dB	92 dB	108 dB	99 dB	103 dB
Dimensions (WxHxD)	ØxH : 140.4 x 200mm / 5.5" x 7.9"	ØxH 171.2 x 240mm / 6.7" x 9.4"	ØxH: 240x303mm / 9.45"x11.93"	250 x 359 x 310mm / 9.8" x 14.1" x 12.2"	425x452x630mm / 16.73"x17.79"x24.80"
Weight	1.6 kg / 3.5 lb (including accessories)	1,8 kg / 4.0 lb (including accessories)	2,4 kg / 5.3 lb (including accessories)	3,9 kg. / 8.6 lb	32 kg / 70.55 lb



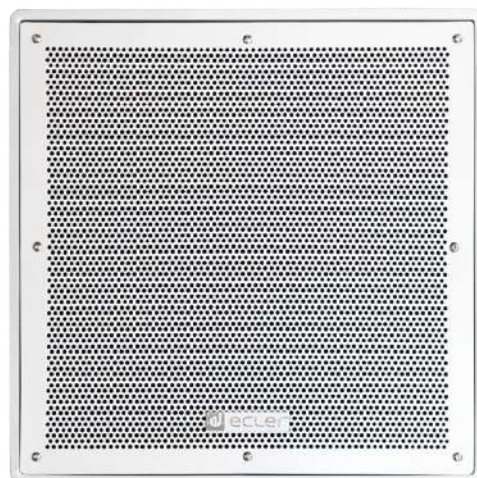
## eCMP8 / eCMP12

Ecler Essentials eCMP8 / eCMP12 are high efficiency musical projectors ready for outdoor applications due to its waterproof and sun screening building material (IP56). Suitable for high and low impedance. U-bracket included.

### APPLICATIONS



eCMP8



eCMP12



eCMP8 U-bracket (included)



eCMP8



### KEY FEATURES

#### eCMP8

- Weatherproof 2-way music projector
- 150 W @ 8Ω
- Input & output connection via terminal block
- Dispersion (HxV): 100° x 100°
- Material: Polypropylene, aluminium (grille), hot-dipped galvanized steel (U-bracket)

#### eCMP12

- Weatherproof 2-way music projector
- 300 W @ 8Ω
- Input & output connection via terminal block
- Dispersion (HxV): 80° x 80°
- Material: Polypropylene, aluminium (grille), hot-dipped galvanized steel (U-bracket)

	eCMP8	eCMP12
RMS power / Program power (8Ω)	150W / 300W	300W / 600W
Power selector	37,5/75/150W @ 100V 18,75/37,5/75W @ 70V	50/100/200W @ 100V 25/50/100W @ 70V
Others	IP56	IP56
SPL 1W/1m	96 dB	98 dB
Dimensions (WxHxD)	300 x 302 x 334mm / 11.8" x 11.9" x 13.2"	407 x 410 x 378mm / 16.0" x 16.1" x 14.9"
Weight	11,0 kg / 24.3 lb	20,0 kg / 44.1 lb



# 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 below 3 Watts), in this case during the periods the device is not utilizing full functionality

## NO CONTAMINANT COMPONENTS

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

## RECYCLED MATERIAL

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

[www.ecler.com](http://www.ecler.com)





# 8.

## REMOTE CONTROLS AND INTERFACES

### 8.1 ANALOGUE PAGING STATIONS

Paging consoles to allow real-time voice messages broadcasting.

### 8.2 DIGITAL CONTROLS & PANELS

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

### 8.3 ANALOGUE CONTROLS & PANELS

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





MPAGE1r / MPAGE4

**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.

APPLICATIONS



MPAGE1r



MPAGE4

	MPAGE1r	MPAGE4
Paging zones	1	4
Additional keys	-	ALL
Phantom Power	10 - 48VDC	6 - 15VDC
Conector	Euroblock	RJ45
Dimensions (WxHxD) (mic excluded)	120x43x126mm / 4.72"x1.69"x4.96"	120x43x126mm / 4.72"x1.69"x4.96"
Weight (mic excluded)	625 g / 1.37 lb	626 g / 1.37 lb



## eMPAGE

**eMPAGE** is a digital paging station (MPAGE16's evolution), compatible with HUB Series, 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.

### APPLICATIONS



MPAGE



MPAGE  
With goosneck mic (included)

	eMPAGE
Paging zones	16
Additional keys	ALL + CLEAR + F1 + F2
Phantom Power	48VDC, always ON
Connector	RJ45 (internal)
Dimensions (WxHxD) (mic excluded)	150x50x180mm / 5.90"x1.96"x7.08"
Weight (mic excluded)	900 g / 1.98 lb



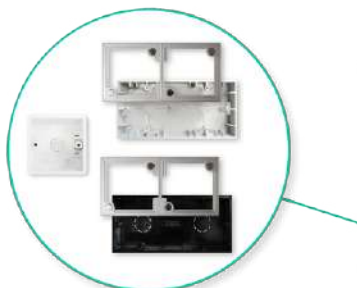
## eMCONTROL1



**eMCONTROL1** is a digital control panel for the HUB series zoner 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 (programmable 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 HUB 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 HUB.



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 + WPa2FMBOX



eMCONTROL1US (with USA frame)

## KEY FEATURES

- Digital control panel compatible with the HUB Series
- Volume adjustment, selection of sources and (programmable) 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

	eMCONTROL1	eMCONTROL1US
Display	LCD	LCD
Resolution	128x128 Pixels	128x128 Pixels
Connection port	RJ45 remote port	RJ45 remote port
Control keys	Encoder, SELECTION key	Encoder, SELECTION key
Dimensions (WxHxD)	86x86x45mm / 3.38"x3.38"x1.77"	116,5 x 114,75 x 28 mm / 4.58" x 4.51" x 1.10"
Weight	150 g / 0.33 lb	150 g / 0.33 lb

## APPLICATIONS



## ACCESSORIES



WPa series



WPa2SMBX



WPa2FMBOX



## WPNETTOUCH

### APPLICATIONS



**WPNETTOUCH** is a remote control TFT touchscreen compatible with all EclerNet products. Incorporates a capacitive 10" touch screen, a server client and UCP server (User Control Panel). When including a WPNETTOUCH in an EclerNet installation is not necessary to use a computer to manage connected devices, neither to have the UCP panels created for the project. Each unit could be configured to work as a single zone control panel or as a global multi-zone controller. It allows executing User Control Panels that are able to control volume, sound source selection, presets recovery, communication via TCP/UDP with external devices, etc.

**ECLER VIDEO DEVICES CONTROL:** EclerNet Manager allows you to create UCP panels to control native EclerNet devices (MIMO series, NXA series, DUO-NET PLAYER, etc.) and other equipment featuring third-party control protocols (TCP / IP, UDP, RS-232 via Ethernet to RS-232 adapter). In this way, a UCP panel displayed on a WPNETTOUCH unit, an Android®/iOS® device + UCP Ecler app, or on a web browser, can take control of Ecler Audio, Ecler Video VEO series, and third party equipment.



WPNETTOUCH



WPNETTOUCH

VESA 75 mounting system (included)



### KEY FEATURES

- EclerNet control device, with the ability to execute EclerNet projects on its internal engine, acting as a server and / or client of UCP panels
- 10 "capacitive touch screen
- PoE power or local power supply
- Ethernet communication interface
- VESA75 and desktop mounting systems included

	WPNETTOUCH
Display	10.1" IPS Capacitive multitouch
Resolution	1280 x 800 Pixels
Connection port	Ethernet Base-Tx 10/100Mb / 1GB CAT5e or better up to 100m. PoE enabled
Power Supply	12V (local PSU)
Dimensions (WxHxD)	260x178x28mm / 10.23"x7"x1.10"
Weight	700gr / 1.54 lb

# PAGENETDN



**PAGENETDN** is a desktop paging console for voice notices with Dante™ audio over IP which works perfectly to manage huge zoning projects in combination with MIMO4040DN matrices. Features a 10" touch screen, a server client and a UCP server (User Control Panel), by which the PAGENETDN is able to serve destination panels and call activation according to the number of destination zones, their grouping, screen control disposition, aesthetics, etc.

Since it's a server/UCP client device, it's possible to add other kind of control panels beside the ones destined for voice messages such as: volume control, sound source selection, presets recovery, communication via TCP/UDP with external devices, etc.



PAGENETDN



## KEY FEATURES

- Desktop paging station based on touch screen and programmable UCP panels
- Flexo type microphone included
- Audio transport using Dante™
- EclerNet control device, with the ability to execute EclerNet projects on its internal engine, acting as a server and / or client of UCP panels
- 10 "capacitive touch screen
- PoE power or by local power supply
- Ethernet communication interface

	PAGENETDN
Display	10.1" IPS Capacitive multitouch
Resolution	1280 x 800 Pixels
Connection port	Ethernet Base-Tx 10/100Mb / 1GB CAT5e or better up to 100m. PoE enabled
Dante Network TX channels	2 (integrated MIC + external AUX input)
Dimensions (WxHxD) (mic excluded)	295x155x135 mm / 11.6"x6.1"x5.3"
Weight (mic excluded)	1.5 kg / 3.3 lbs

## APPLICATIONS







## WP22DN / WPNETEX

### APPLICATIONS



**WP22DN** is a Dante™ interface in a wall panel format. It features 2 audio MIC/LINE Combo connector inputs in its frontal panel and 2 Dante™ conversion channels either directly or by the sum of channels (stereo to mono conversion). Also, it features 2 analogue outputs with duplicated connectors in XLR format for the front panel and Euroblock on the rear panel, both linked to 2 Dante™ channels coming from the local network.

**WPNETEX** is an EclerNet compatible wall panel, featuring an LCD screen, a digital rotary encoder and 4 control keys. Its end-user control features are volume control, source and preset selection and 3 band EQ functions.



WP22DN



WPNETEX

### KEY FEATURES

#### WP22DN

- Dante™ interface wall panel
- PoE power or by local power supply
- Ecler Double gang surface mount box included

#### WPNETEX

- Remote control panel of EclerNet devices
- Programmable, ready to admit extended control functions
- PoE power or by local power supply
- Ethernet communication interface
- Compatible with wall installation boxes with round shape and internal diameter ≥ 60 mm.
- Surface mount box included

	WP22DN		WPNETEX
Inputs	2 analog, balanced, MIC/LINE level	Display	LCD
Outputs	2 analog, balanced, line level	Resolution	128x128 Pixels
Connectors	Dante 2x2 interface, RJ45, PoE ready Audio In: 2x Combo / Audio Out: 2x XLR M (external) 2x Euroblock (internal)	Connection port	Ethernet interface, RJ45, PoE enabled
Phantom Power	+48VDC, 5mA max.	Control keys	Encoder, 4 SELECTION keys
Dimensions (WxHxD)	170x85x40mm / 3.38"x3.38"x1.57"	Dimensions (WxHxD)	170x85x40mm / 3.38"x3.38"x1.57"
Weight	400gr / 0.88 lb	Weight	120 gr / 0.26 lb

## WPNET4KV / WPNET8K



**WPNET4KV** is an EclerNet compatible wall panel. It features a LCD screen, encoder and 4 selection keys. Works perfectly to enable volume control, source and preset selection functions.

**WPNET8K** is an EclerNet compatible wall panel. It features a LCD screen and 8 selection keys. Works perfectly to enable presets or source selection functions.

*Note: in some cases is possible to combine a pair of WPNET4KV+WPNET8K to make them work together as a 12 selection key and a digital volume controller ("WPNET12KV"). This combination is compatible for instance, with MIMO4040DN matrix. For more information consult our tech support service.*

### APPLICATIONS



WPNET4KV



WPNET8K



WPNET4KV



WPNET8K



WPNET12KV



WPNET4KVUS (with USA frame)



WPNET8KUS (with USA frame)

### KEY FEATURES

- Remote control panel of EclerNet devices
- PoE power or by local power supply
- Ethernet communication interface
- Compatible with wall installation boxes with round shape and internal diameter  $\geq 60$  mm
- Surface mount box included

	WPNET4KV	WPNET8K	WPNET4KVUS	WPNET8KUS
Display	LCD	LCD	LCD	LCD
Resolution	128x128 Pixels	128x128 Pixels	128x128 Pixels	128x128 Pixels
Connection port	Ethernet interface, RJ45, PoE enabled	Ethernet interface, RJ45, PoE enabled	Ethernet interface, RJ45, PoE enabled	Ethernet interface, RJ45, PoE enabled
Control keys	Encoder, 4 SELECTION keys	8 SELECTION keys	Encoder, 4 SELECTION keys	9 SELECTION keys
Dimensions (WxHxD)	170x85x40mm / 3.38"x3.38"x1.57"	170x85x40mm / 3.38"x3.38"x1.57"	116,5x115x26mm / 4.59"x4.52"x1.02"	116,5x115x26mm / 4.59"x4.52"x1.02"
Weight	120 gr / 0.26 lb		120 gr / 0.26 lb	120 gr / 0.26 lb



## WPa Series / WPTOUCH

### APPLICATIONS



**WPa** is a series of remote control wall panels for systems and interconnecting audio signals. It marks a development of its predecessor, the **WPa** 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 **WPaVOL** + 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-AT40** is a 70 / 100V line attenuator with integrated 24 VDC priority relay. 40W 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-AT40



WPaH-AT100

NEW!



WPaVOLUS (with USA frame)



WPaVOL-SRUS (with USA frame)





## WPa Series / WPTOUCH

**WPaMIX-T** is a 2 channel micro-mixer which keeps the standard wall-panel format of the WPa series. It allows to 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** is a connection Wall Plate with Female 3 pin XLR connector + Jack 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.

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



WPaMIX-T



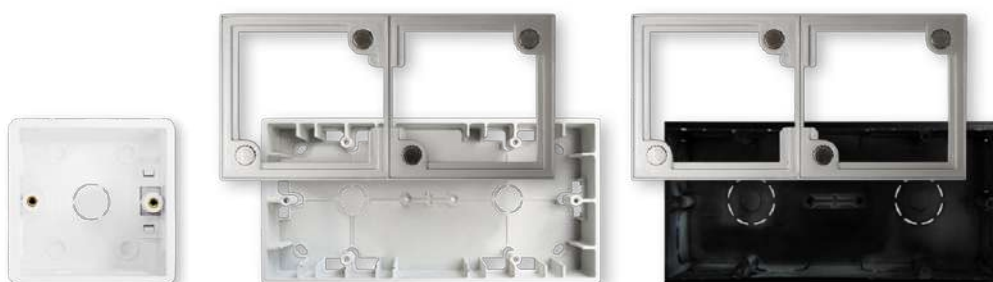
WPaCNX-CBO



WPaCNX-JRCA



WPTOUCH



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



WPaMIX-TUS (with USA frame)



# 9. ACCESSORIES

## 9.1 PRODUCT ACCESSORIES

## 9.2 AUDIO CABLES AND OTHERS

## 9.3 LOUDSPEAKERS HARDWARE

## 9.4 PAINTING LOUDSPEAKERS



## ACCESSORIES



Ecler **WP24-PSU** is a 24VDC 0.5A external PSU. International AC plugs set. Coaxial connector (+ center), compatible with eMPAGE and DN44BOB

**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/WPNETTOUCH).

**REVO-IR** is an IR remote control including UP, DOWN and MUTE keys, for the volume 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  $\Omega$  to 100V or 70V (high impedance).

**TR2-70 Kit** is compatible with the optional 2UHRMKIT "in-rack" mounting accessory.

**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.

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

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

**VEO-RACK19** is a universal 19 "rack support. Includes velcro and fixing screws.

**LABI1-CFC** is a flight case for 2 LABI1-C100i + wiring + mounting accessories.

**LABI1-SWK** is a wheel kit for LABI1-SB18p subwoofer.

**LABI1-SPC** is a nylon protection cover for LABI1-SB18p subwoofer.



WP24-PSU



WPPSU



REVO-IR



TR2-70



1UHRMKIT



2UHRMKIT



PUM3



VEORACK19



LABI1-SWK



LABI1-SPC



LABI1-CFC



## ACCESSORIES

**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.

**CNXMXLR2** is a 2m length minijack ST to mono XLR male. Includes an internal resistance for overload protection and a proper sum of the signals.

**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.

**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.

**eWAMPBTFBX** is a flush mount box compatible with eWAMPBT+.



CNXXLRXLR1 / 5 / 10



CNXEBEB1 / 2M5



CNXEBRCA1



CNXXLRFEB



CNXRCAEBAD



CNXMXLR2



CNXEBLINK4



CNXAC8RM



MBSTAND



MDSTAND



WPa2FMBOX



WPa2SMBOX



eWAMPBTFBX

## ACCESSORIES



**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).

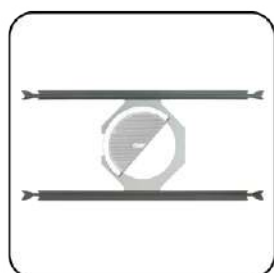
**POLE01** is an adjustable 35 mm rod for pole for loudspeaker mount on top of a sub-woofer unit (ARQIS110 on top of ARQISSB15, VERSO series on top of VERSO SB115P, etc.).

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

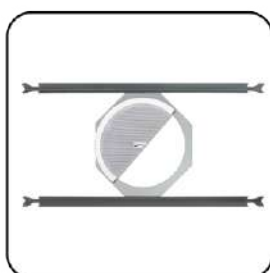
**ACLASSCAN6L** is an optional kit (2 units) for IC6CLASS-54 model. It features a low profile back can with 4” depth.

**AVICCAN6L** is an 6” low-profile back can, compatible with VIC6.

**AVICCAN8L** is an 8” low-profile back can, compatible with VIC8/VIC8SB.



IC-TB6



IC-TB8



ARQ108UB / 110UB / 112UB



ARQSB10SATB



SR8



SR12



TRIPO1



POLE01



ADP



ACLASSCAN6L



AVICCAN6L



AVICCAN8L





## ACCESSORIES

**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.

**DSTANDAUEDEO** is a desktop stand for one AUDEO103 / AUDEO106 loudspeaker.

**MSTANDAUEDEO** 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).

**PCS124** is a cluster ceiling accessory for acoustic cabinets from eMOTUS, TRAIL103 or AUDEO106 series. Available in black and white.

**LABI1-SAC** is a subwoofer-adapter-column, to install the LABI1-C100i satellite loudspeaker on LABI1-SB18p

**LABI1-CAC** is a column-adapter-column, to connect vertically two LABI1-C100i column loudspeakers. Includes 60cm Speakon®-Speakon® cable.

**LABI1-TBC** is a support to install a LABI1-C100i loudspeaker to truss.

**LABI1-WBC** is a LABI1-C100i wall mount bracket.

**LABI1-PBC** is a pole adaptor to install LABI1-C100i loudspeakers in a 35mm standard pole.

**LABI1-HBC** are high-density foam pieces to let LABI1-C100i rest on the floor horizontally. Allows 0° 30° 45° inclinations relative to the horizontal surface.

**LABI1-ODCNX** is a outdoor kit to cover LABI1-C100i connections and make it ready for outdoor applications.



MP103AMB2



MP103AMB4



MP106AMB2



MP106AMB3



MP106AMB4



DSTANDAUEDEO



MSTANDAUEDEO



MP106NEST2



MP106NEST3



MP106NEST4



PCS124



LABI1-SAC



LABI1-CAC



LABI1-TBC



LABI1-WBC



LABI1-PBC



LABI1-HBC



LABI1-ODCNX



## ACCESSORIES

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.

**AVICSG:** square grille with magnetic mounting. Compatible with all VIC models.

Our painting service offers the possibility to paint any accessory in the PKIC series, VIC 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.



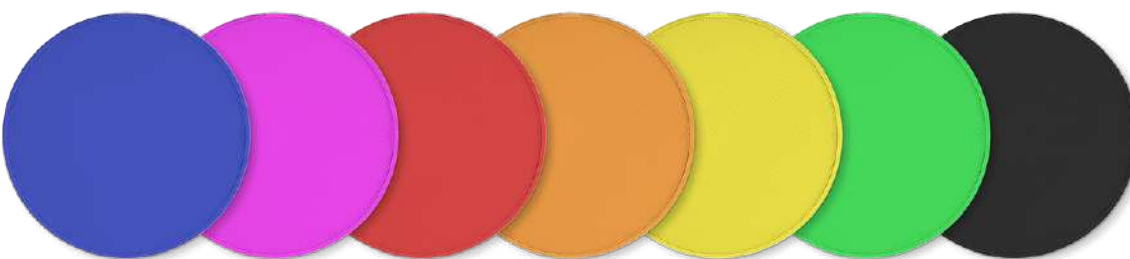
PKIC6



PKIC8



AVICSG



Paintable rust-proof grids (RAL standard)

## ACCESSORIES COMPATIBILITY CHART

[illegible]

(1) When including ALMAcard module  
 (2) Using retro-compatible specific firmware  
 (3) When including WPTOUCH or WPaMIX-T  
 (4) When including MPAGE16 /eMPAGE

(5) When including 1UHRMKIT  
 (6) When including WPTOUCH  
 (7) Only analogue mode  
 (8) When including WPaMIX-T

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

	DPA series	eHSA series	HSA series	HZA series	eHMA series	HMA series	eCA series	CA series	CA200Z	VIC series	IC series / IC6CLASS	NEST series	eAMBIT series	eMOTUS series	AUDEO series	ARQIS series	VERSO series	CKL-T series	DPC 118
MPAGE1	-	-	-	-			-			-	-	-	-	-	-	-	-	-	-
MPAGE4	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-
eMPAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAGENETDN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WPNETTOUCH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WPNET series	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WP22DN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WPTOUCH	(1) (7)	-	(7)	(7)	(7)		(7)	(7)	(7)	-	-	-	-	(7)	-	-	-	-	-
eMCONTROL1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WPaVOL	(1)	-								-	-	-	-		-	-	-	-	-
WPaVOL-J	(1)	-								-	-	-	-		-	-	-	-	-
WPaVOL-SR	-	-	-	-	-		-			-	-	-	-	-	-	-	-	-	-
WPaVOL-SR-J	-	-	-	-	-		-			-	-	-	-	-	-	-	-	-	-
WPaH-AT6	-									-	-	-	-	-	-	-	-	-	-
WPaH-AT40										-	-	-	-	-	-	-	-	-	-
WPaH-AT100	-									-	-	-	-	-	-	-	-	-	-
WPaH-SL4	-									-	-	-	-	-	-	-	-	-	-
WPaMIX-T										-	-	-	-		-	-	-	-	-
WPaCNX-CBO										-	-	-	-		-	-	-	-	-
WPaCNX-JRCA										-	-	-	-		-	-	-	-	-
WP24-PSU	(3)	-	-	(3)	(3)	(3)	(3)	(3)	(3)	-	-	-	-	-	-	-	-	-	-
WP-PSU	(3)	-	-	(3)	(3)	(3)	(3)	(3)	(3)	-	-	-	-	-	-	-	-	-	-
REVO-IR	(6)	-	-	(6)	(6)	(6)	(6)	(6)	(6)	-	-	-	-	-	-	-	-	-	-
TR2-70	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-
VEO-RACK19	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-
2UHRMKIT	-	-	-	-	-		-			-	-	-	-	-	-	-	-	-	-
1UHRMKIT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUM3	-	-	-	-	(5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
eAMBIT hardware	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
PCS124	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
DSTANDAUDIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
MSTANDAUDIO	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
NEST hardware	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-
SR8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
SR12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
ARQ108UB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
ARQ110UB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
ARQ112UB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
ARQSB10SATB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
SRDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
POLE01 / TRIPO1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
ADP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
ACLASSCAN6L	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-
AVICCAN6L / 8L	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
AVICSG	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
IC TB series (tile bridge)	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-
PKIC series (paint)	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-



## ALPHABETICAL ORDER PRODUCTS


<b>A</b>		eIC52	61	MP106AMB3	98
ACLASSCAN6L	97	eIC52MS	57	MP106AMB4	98
ADP	97	eLPA2-350	44	MP106NEST2	92
ALMA 24	42	eLPA2-650	44	MP106NEST3	92
ALMA26	42	eLPA2-950	45	MP106NEST4	92
ARQ108UB	97	eLPA2-1250	45	MPAGE1r	85
ARQ110UB	97	eMBASE	20	MPAGE4	85
ARQ112UB	97	eMCONTROL1	87	MSTANDAUDEO	92
ARQIS105	72	eMCN1	20		
ARQIS106	72	eMCN2	20	<b>N</b>	
ARQIS108	72	eMHH1	20	NEST106	67
ARQIS205	73	eHORN10	81	NXA4-80	40
ARQIS208	73	eMHS1BG	21	NXA4-200	40
ARQIS110	74	<b>eMICFIT2</b>	21	NXA4-400	40
ARQIS112	74	eMOTUS5P	70	NXA6-80	41
ARQISSB6T	75	eMOTUS5PB	70	NXA6-200	41
ARQISSB10	75	eMOTUS5OD	71		
ARQISSB15	75	eMOTUS8OD	71	<b>P</b>	
ARQSB10SATB	91	eMPAGE	86	PAGENETDN	89
AUDEO103	69	eMSP50Ti	81	PAINT1S	99
AUDEO106	69	eMWE	21	PAINT10S	99
AUDEOSB110P	69	eMWH	21	PAINT100S	99
AVICCAN6L	97	eMWR	21	PCS124	98
AVICCAN8L	97	ePLAYER1	22	PKIC6	99
AVICSG	99	ePHS30Ti	81	PKIC8	99
		ePRS10Ti	81	POLE01	97
<b>C</b>		ePRS20Ti	81	PUM3	95
CA200Z	55	eRK108	80		
CA40	58	eSAM402	27	<b>R</b>	
CA120	58	eSAM603	27	RePLAYER	23
CA120HZ	58	eSAM702	27	REVO-IR	95
CA200Z	59	eSAS-BT	24		
CKL110T	78	eUC106	79	<b>S</b>	
CKLSM115T	78	eWAMPBT+	24	SAM412T	28
CNXAC8RM	96	eWAMPBTFBOX	96	SAM612T	28
CNXEBEB1/2M5	96			SB110	71
CNXEBLINK4	96	<b>G</b>		SB15	71
CNXEBRCA1	96	GENIO	30	SR8	97
CNXMJXLR2	96	GPA2-400ES	48	SR12	97
CNXRCAEBAD	96	GPA2-800	48		
CNXXLRFEb	96			<b>T</b>	
CNXXLRXLR1/5/10	96	<b>H</b>		TR2-70	95
COLORPAINT	99	HMA120	55	TRAIL103	65
COMPACT8	29	HSA 300	52	TRAILSB6T	66
CORE	16	HSA2-400ES	52	TRIP01	97
CUBE	17	<b>HUB1408</b>	36	<b>TUBE</b>	17
		<b>HUB1616</b>	36		
<b>D</b>		HZA4-120F	53	<b>V</b>	
DAM614	39			VEORACK19	95
DN44BOB	38	<b>I</b>		VERSOSB115P	75
DPA2000	49	IC3	62	VIC6/6X	63
DPA4000T	49	IC6	62	VIC8/8X	63
DPC	73	IC6CLASS54X	64	VICSB8/SB8X	63
DPC118	78	IC6CLASS-TR	64		
DSTANDAUDEO	92	IC8	62	<b>W</b>	
DUO-NET PLAYER	25	IC-TB6	97	WP24-PSU	95
		IC-TB8	97	WPa2FMBOX	96
<b>E</b>		IG108	80	WPa2SMBOX	96
eAMBIT103	68	IW103	62	WPaCNX-CBO	93
eCA120	57			WPaCNX-JRCA	93
eCA120HZ	57	<b>L</b>		WPaH-AT6	92
eCA120DN	56	<b>LABI1-C100i</b>	76	<b>WPaH-AT40</b>	92
eCA120HZDN	56	<b>LABI1-CFC</b>	95	WPaH-AT100	92
Ecler Gallery	23	<b>LABI1-CAC</b>	98	WPaH-SL4	92
Ecler pilot	37	<b>LABI1-HBC</b>	98	WPaMIX-T	93
eCMP8	82	<b>LABI1-ODCNX</b>	98	WPaVOL	92
eCMP12	82	<b>LABI1-PBC</b>	98	WPaVOL-J	92
eCOMPACT4BT	29	<b>LABI1-SAC</b>	98	WPaVOL-SR	92
eCS803	79	<b>LABI1-SB18p</b>	76	WPaVOL-SR-J	92
eGPA2-150	46	<b>LABI1-SB18</b>	76	WP22DN	90
eGPA2-300	46	<b>LABI1-SPC</b>	95	WPNETEX	90
eGPA4-150	47	<b>LABI1-SWK</b>	95	WPNET4KV	91
eGPA8-150	47	<b>LABI1-TBC</b>	98	WPNET4KVUS	91
eHMA60	54	<b>LABI1-WBC</b>	98	WPNET8KUS	91
eHMA120	54			WPNET8K	91
<b>eHMA250</b>	54	<b>M</b>		WPNETTOUCH	88
eHSA2-150	50	MBSTAND	96	WPTOUCH	93
eHSA4-150	50	MDSTAND	96	WPPSU	95
eHSA2-250	51	MIMO CONFERENCE	35		
eHSA4-250	51	MIMO1212SG	31	<b>1</b>	
eHSA2-500	51	MIMO4040DN	32	1UHRMKIT	95
<b>eHSA4-60</b>	51	MIMO88	34		
eHSA4-500	51	MIMO88SG	35	<b>2</b>	
eIC51-F	61	MP103AMB2	98	2UHRMKIT	95
eIC5154	61	MP103AMB4	98		
eIC52MS	57	MP106AMB2	98		

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