EGi

This catalogue presents the best and most comprehensive range of products, aesthetic features and solutions for sound, intercommunication and public address system installations, backed by **EGi**'s guarantee of more than 30 years of experience in the market.

EGi has a Customer Service and Technical-Commercial Assistance Service which gives assessment, advice and carry out projects helping you to choose the best solution for each installation.

1973

19 94

With headquarters in
Spain and 5 branch offices
nationwide including Madrid
and Barcelona, EGi is
continuously strengthening
its international presence
with branches in Portugal
and Singapore

EGi began as a small family
business in Zaragoza and was
founded by its current chairman,
Mr Sánchez Pérez
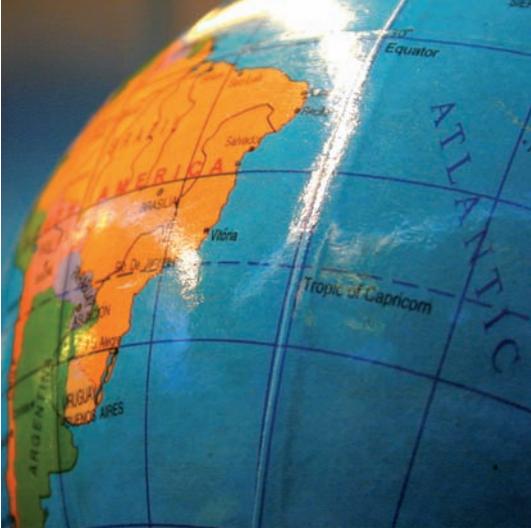
Sound & Lighting

DOMOS2
Audio y Domótica

EGi has been awarded
ISO 9001:2000 certification for its
commitment to quality, Pilot Award
for Logistics Excellence 2004,
and Best Telecommunications
Company in the self-governing
region of Aragon, Spain

EGi participates
in national and
international exhibitions

20

EGi headquarters are strategically located in Zaragoza with direct access to the road network and cover an area of about 5.300 m^2, housing more than 150 employees

«« escenic »»

20**01**

New factory and warehouse building for the lighting division. This new building with an area of 5.000 m^2 is located in Centrovia, one of the largest industrial parks in Zaragoza
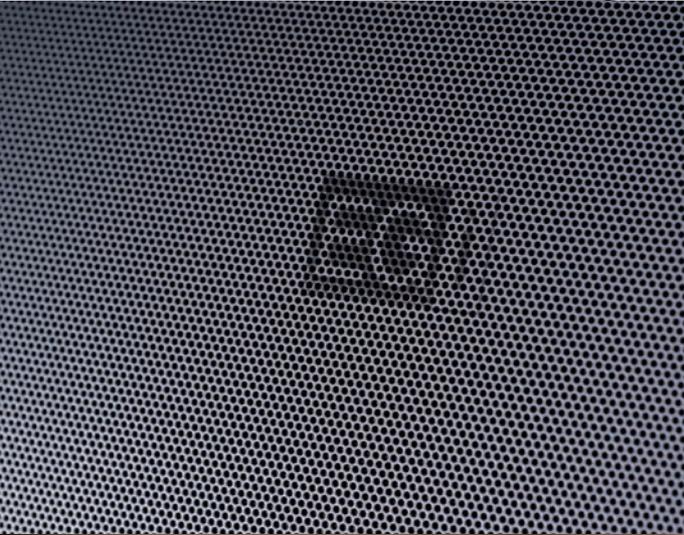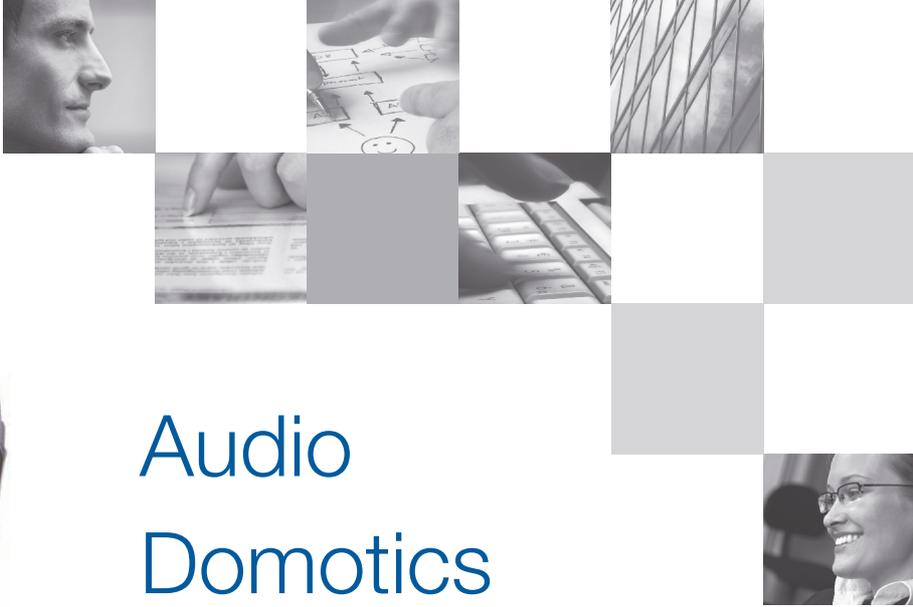
M·I·L·L·E·N·N·I·U·M

05

secura

Over 30 years of experience providing new audio technology

We design,
develop and
manufacture
our products
using the
latest audio
technology

EGi

Audio
Domotics
Public Address
Intercom
Lighting

EGi offers a wide range of products including multiroom audio, intercom and public address systems for commercial, plublic and private installations

· Multiroom audio, intercom and domotic systems for residential use
· Nurse-call systems for hospitals and elderly care centres
· Sound, intercom and public address systems for public and commercial installations
· Loudspeakers and acoustic diffusers
· Sound and lighting, all in one device

EGi provides custom-made solutions to fit customers' needs

With over 30 years of experience in the design and manufacture of sound equipments, EGi has been awarded several quality certifications such as ISO 9001:2000 certification, Pilot Award for Logistics Excellence 2004, and Best Telecommunications Company in the self-governing region of Aragon, Spain.

At the present time, EGi has built a large commercial network by opening new branch offices throughout Spain and it is strengthening its international presence thanks to the Export Department's growth.

Quality

EGi awarded the ISO 9001:2000 certificate in 2003. The ISO Quality Control System is applied to all processes, including design, manufacture and after-sales service of electronic sound equipments for residential, commercial and public applications.

Its strong international presence since 1994 and the ISO 9001 certificate are confirmation of "EGi's commitment to quality". EGi has enlarged and renewed its product range in relation to the expectations of its customers, who already know the company's commitment to quality.

Commercial network

EGi has more than 40 professionals working in Spain and branch offices in Madrid, Barcelona, Seville, Bilbao, Lisbon and Singapore. EGi provides customer service and technical assistance for project consulting and technical support of customers.

This catalogue includes the widest range of products, features and solutions to public address and sound system installations, based on more than 30 years of market experience.
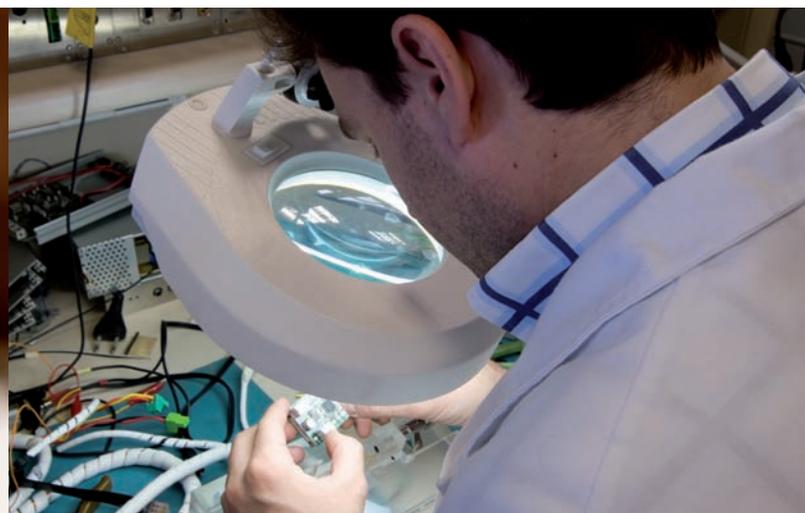
Shaping a prosperous future together. Increasing R&D investment and developing new future-oriented projects with the latest technology.

International presence

EGi has a strong international presence with distribution networks in more than 60 countries throughout Europe, Middle East, Asia, Australia and America.

EGi markets its products through a world-wide distribution network with experienced personnel providing pre-sales consulting and post-sales technical support.

EGi

Available catalogues

CATALOGUE
Sound, intercom and public address systems

CATALOGUE
Nurse-call systems for hospitals and elderly care centres

CATALOGUE
Multiroom audio, intercom and domotic systems for residential use

CATALOGUE
LED lighting, decorative light fittings and technical luminaires. Sound and lighting, all in one device.

If you wish further information please ask for the corresponding catalogue

Sound, intercom and public address systems
for public and commercial installations

M·I·L·L·E·N·N·I·U·M

EGi-paso
Sistemas de megafonía con línea de 100 V

))) escenic)))

LOUDSPEAKERS   SONYLUX

* Plenilunio Shopping Centre, Madrid

* Tryp Hotel (Sol Meliá Chain), Zaragoza

* Torre Garena Business Centre, Madrid
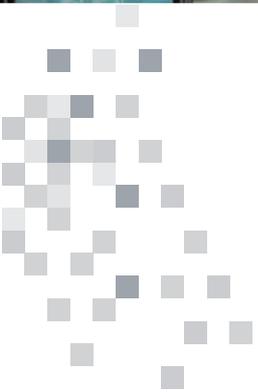
M·I·L·L·E·N·N·I·U·M

Millennium is a new product concept, which provides sound and communication solutions for small, medium-size and large public and private installations.

Millennium combines the wealth of features, flexibility, ease of use and installation of EGi decentralised systems (such as Domos system) with the simplicity of 100 V public address systems.

Millennium allows combined installations to be set up, in which, depending on customer's needs, a choice of several separate music programmes can be combined for each room, zone or area (offices, meeting rooms, industrial buildings, hypermarkets...) with the transmission of messages from traditional microphone consoles or, taking advantage of the telephone exchange, from any telephone terminal connected to the system.

Welcome to **Millennium**, EGi's general purpose solution for sound, communication and public address systems in all types of public and private installations.

* El Trovador Business Centre, Zaragoza
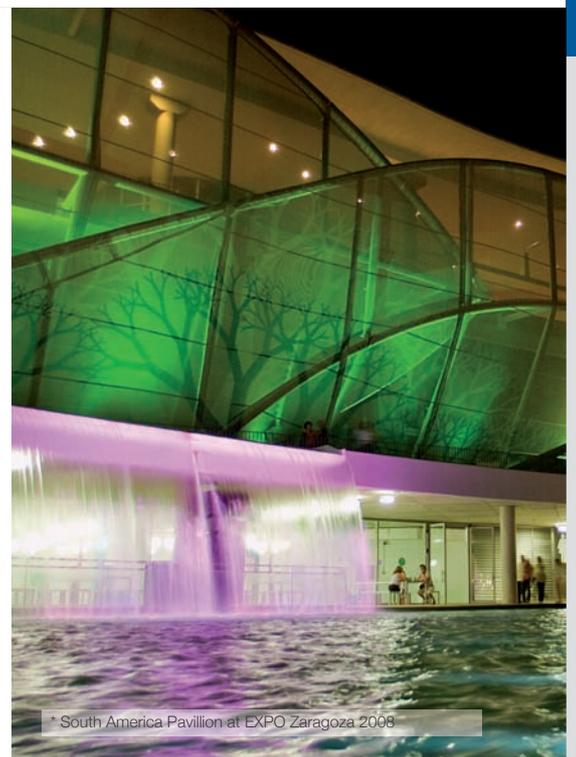
* South America Pavillion at EXPO Zaragoza 2008

Features

- Microprocessor-based public address system with message broadcast and background music.
- Up to 4 audio channels with volume adjustment per zone or locally.
- Message broadcast in up to 127 zones.
- Playing of pre-recorded messages for commercial, publicity or security applications.
- Wide range of diffusers for both indoor and outdoor applications.

Solutions to small and medium-size installations

such as shops, bars,
supermarkets, gyms,
restaurants, pharmacies,
small businesses, etc.

* Tryp Hotel (Sol Meliá Chain), Zaragoza

* AC Hotel, Zaragoza

M·I·L·L·E·N·N·I·U·M

Millennium 2 + 1 zones

Public address system with message broadcast and background music designed for **small and medium-size installations** such as shops, supermarkets, bars, restaurants, pharmacies, travel agencies, franchise shops, etc.

This version allows control of message broadcast for 3 zones (2+1 zones) and 2 audio channels. The system is made up of 3 main units: audio processor with FM tuner to manage the system, control console to control the message broadcast and background music distribution, and autoamplified control units to select and adjust the music channels locally. A wide range of acoustic diffusers is available for providing background music and message broadcast.

* Paracuellos de Jiloca Hotel & Spa Resort, Zaragoza
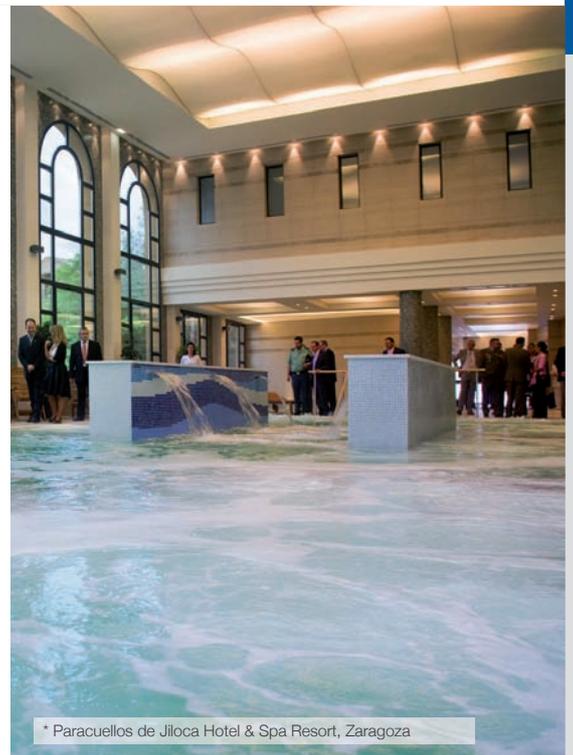
Features

- 2+1 zones for message broadcast.
- Intercom.
- Up to 2 audio programmes.
- FM tuner.
- Local connection of a microphone or an audio source.
- Audio local adjustment.
- Message priority system.
- Door bell and door-opener.

M·I·L·L·E·N·N·I·U·M

Audio processor

1301.1 Audio processor is the main module of the installation and has been designed for in-wall mounting. It has 2 amplifiers (20W / 10W) and a 15 V⎓ line output to connect the autoamplified control units. It also includes door-opener, FM tuner, and RCA connectors to connect the external audio source.

1301.1
2 + 1 Zone audio processor with FM tuner

- 3-Zone audio processor for commercial sound installations.
- It includes a (10 + 10 W) / 20 W mono/stereo amplifier for zone 1 and another 10 W mono amplifier for zone 2, as well as a 15 V⎓ line output to connect control units.
- Messages with din-don tone and door bell in the 3 zones.
- Double door-opener (12 V~ signal).
- White casing.
- FM tuner.
- An external audio source can be connected.

Technical specifications

Power supply 230 V~
Maximum consumption 50 W
Voltage output 15 V⎓ for general line power supply
Zone 1 power 20 W; min. line impedance 4 Ω
Zone 2 power 10 W; min. line impedance 8 Ω
General line Up to 1 A of rated current (maximum 1.5 A)
Antenna External socket 75 Ω (only 1301.1)

Related Products

- Flush or surface mounting boxes to house the audio processor. Please consult page 31.

1701   1702

Control console

The control console is the device which controls the functions of the installation. It allows the simultaneous control and adjustment of some functions at zone or area level by means of local modules/controls.

1201.11
Control console 2 + 1 zones with 2" loudspeaker

- Built-in microphone, loudspeaker, keyboard and display.
- It controls music, messages, door-opener and door bell for sound installations of up to 3 zones based on 1301.1 modules.
- Menu operation with the help of a 2 line - 16 character display.
- 2", 32 Ω loudspeaker for answering messages and unidirectional gooseneck microphone.

Related products

Metallic bracket (ref 002254) to fit 1202.11 and 1202 control consoles on wall.

14
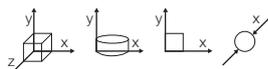
Control units

1204.12   1204.10

Compatible with switchgear units from any manufacturer

Related products

• Accessories for standard box (ø 60 mm). EGi 1-gang front trims. Please consult page 30.

1204.12 / 1204.10
2-Channel control unit
5 W RMS, 1-8 loudspeakers. Message override.

• 2-Channel control unit. 5 W RMS power to connect from 1 to 8 loudspeakers.

• Digital volume with 80 1dB steps with loudness.

• Recognises number of channels in the installation and adapts its selector to them.

• Message override.

• For use in Millennium (stage 1) general line.

Technical specifications

Power supply 15 V=== through general line
Maximum consumption 8,1 W
RMS power output 5 W
Minimum load impedance 16 Ω per output

Features

Control and local amplification of sound in areas of installations with or without message broadcast. It can drive amplifiers to obtain more power.

1203.12   1203.10

Compatible with switchgear units from any manufacturer

Related products

• Accessories for standard box (ø 60 mm). EGi 1-gang front trims. Please consult page 30.

1203.12 / 1203.10
2-Zone amplified intercom unit.

• Intercom, 2 zones with 2 x 1.5 W RMS amplifier, separate volume adjustment for each zone and lock key to leave zone 2 activated.

• Possibility for internal or external microphone.

Technical specifications

Power supply 15 V=== through general line
Maximum consumption 3 W
RMS power output 1,5 W por zone
Input for pushbutton 0 V=== ,15 V=== exterior
Minimum load impedance 16 Ω per output

Features

Intercom systems in commercial establishments, fast-food restaurants, offices, etc.

M·I·L·L·E·N·N·I·U·M

Amplifiers and power supply units

Millennium (sidebar)

1307.1
15 V⎓, 20 W power supply unit

- 15 V⎓, 20 W power supply unit with short-circuit and reverse polarity protections.
- It can be parallel-connected to other units.

Features

- 1307.1. Additional power supply module for all types of installations.

1309.1
20 W Amplifier

- 20 W (4 Ω) / 10 + 10 W (2 Ω) Amplifier.
- With 3 mixed audio inputs, plus a fourth input with priority over the others.

Features

Amplifier module to increase the power in any area.

Technical specifications	1307.1	1309.1
Power supply	230 V~	230 V~
Maximum consumption	35 W	35 W
RMS power output	-	20 W
Minimum load impedance	-	4 Ω
Maximum consumption	1,2 A at 15,5 V⎓	from 0.1 to 1.2 A depending on the audio power consumption

Related Products

- Flush or surface mounting boxes to house the audio processor. Please consult page 31.

1705   1706

EGi
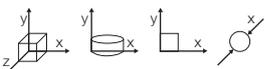
M·I·L·L·E·N·N·I·U·M

Millennium 2 + 1 zones
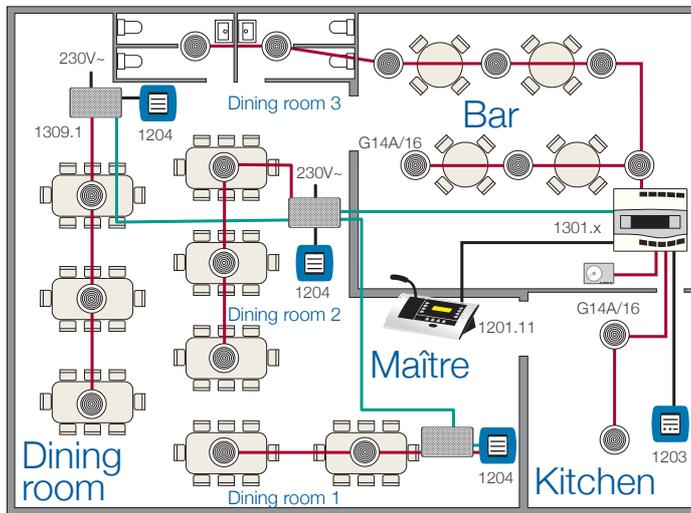
PRODUCTS

1204.12
2-Channel control unit. 5 W RMS, 1-8 loudspeakers. Message override.

1203.12
2-Zone amplified intercom unit.

1309.1
20 W Amplifier.

1301.1
2 + 1 Zones audio processor with FM tuner

G14A/16
5" speaker, wide band, 6W, 16 Ω.

1201.11
Controle Console 2+1 zones with built-in speaker and flexible mic.

Example of installation in a restaurant

- 3 Zones with message broadcast: bar (ZONE 1), kitchen (ZONE 2), dining rooms 1, 2, 3 (ZONE 3) - General line
- 2-Channel control units installed in dining rooms 1, 2, 3
- 1 or 2 audio channels
- Messages may be addressed independently to each zone (bar/kitchen/dining rooms) with din-don tone
- Output for external audio source provided in the dining room
- Intercom maître-kitchen
- Emergency evacuation
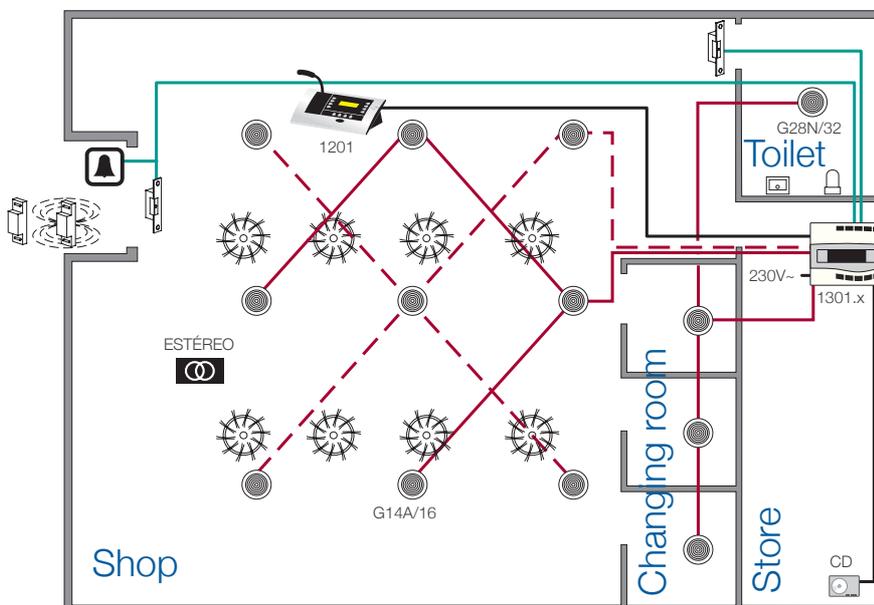
PRODUCTS

1301.1
2 + 1 Zones audio processor with FM tuner.

G28N/32
2" Ceiling loudspeaker + spring fixing grille. Wideband. 32 Ω.

G14A/16
5" Ceiling loudspeaker. Wideband. 16 Ω.

1201.11
Controle Console 2+1 zones with built-in speaker and flexible mic.

Example of installation in a shop

- 2 Zones: shop (ZONE 1) and changing room + toilet (ZONE 2)
- 1 or 2 audio channels
- Door bell may be listened through the loudspeakers in either one or both of the zones
- Electric door-opener

Solutions to large installations

such as hotels
elderly care centres
business centres
football stadiums, congress halls
hospitals, health centres
sports facilities, museums
shopping centres, etc

Plenilunio Shopping Centre, Madrid
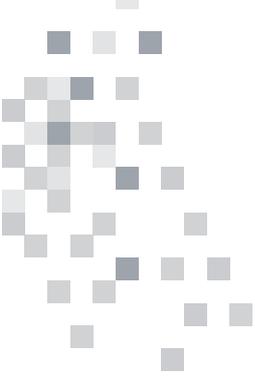
M·I·L·L·E·N·N·I·U·M

Millennium 127 zones

Millenium-Pro for 127 zones is a public address and background music system for broadcasting music and messages to each zone. It allows to send messages manually, automatically or by phone, having priority over the music.

This system is made up of a central unit or audio processor managed through a digital CPU, several audio/signal processing modules, and one or more control consoles to manage message broadcast and background music distribution, different power amplifiers and control units to select between the 4 audio channels and control them locally. A wide offer of acoustic diffusers is available in order to listen to the music and messages.
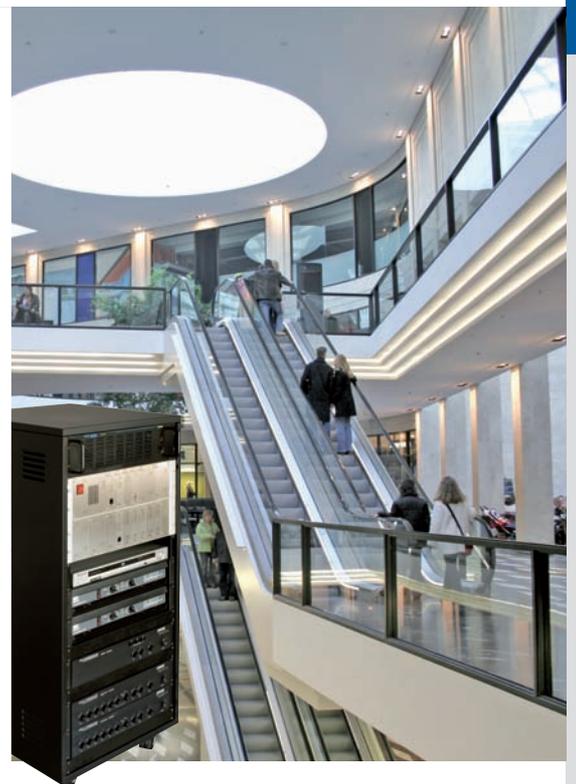
Features

- Up to 4 adjustable audio channels at any point in the installation.
- Playing of pre-recorded messages for commerical, publicity or security applications.
- Transmission of public address calls from any conventional telephone or from a control console up to 127 zones.
- Intercommunication.
- Local connection of microphones, wireless microphones or audio sources with message priority for assembly halls, meeting rooms, lecture rooms or any other private or public installation.
- Control and amplification of background sound (with or without messages) by rooms, zones or areas.
- PC-control of the whole installation.
- Flexible system easily enlargeable.

Control Software

Console - interface

0801

0801
PC Control software for installations up to 127 zones.

- PC Control software for audio installations of up to 127 zones.
- Language selection from a choice of Spanish, English, French, Portuguese, German and Italian.
- In addition to other specific functions it controls the same functions as the EGi ref 1202 Control console.
- It can be installed up to 127 PCs in the same installation.
- It can be combined in the same installation with EGi ref 1202 control consoles, totalling a maximum of 127 control points.
- It can be handled by means of easy Windows® type menus.
- It includes, amongst others, a main screen which allows the state of functions to be displayed in real time as well as parts of the installation controlled by the 0801 software or the control consoles.
- Names and number of zones and groups can be entered using the keyboard and mouse. Once they have been entered the keyboard can be disconnected from the system and only the mouse is needed.
- Message can be recorded and played back thanks to the desktop interface-console with a microphone which is included in this reference.
- It includes an option which allows advertising messages to be recorded and played and/or WAV voice/music files, which can be programmed and sent at a specified time to the groups/zones required. This option must be used in combination with the PC sound card.
- Item of ref 0801 includes:
  - The software in CD format with instructions for its installation and the minimum hardware requirements for correct operation.
  - An interface-console which establishes communication between the Millennium installation and the PC and allows the recording and/or playing of messages from the control station. It includes a RJ45 female connector inside and 3 direct, fixed DB9 type cables, a 3.5 mm stereo jack for microphone and a 3.5 mm mono jack. It also includes monitor-loudspeaker inside. In combination with ref. EGi 1501.xx connection base and with ref. EGi 1207 4-channel control, the interface-console acts as a message and music zone, allowing these to be heard through the monitor-loudspeaker.
  - Telephone cable with two RJ45 male connectors at the ends, to connect the interface-console to the Millennium installation.
- PC and software requirements:
  - PC: minimum Pentium 200 MHz with 30 Mb RAM.
  - Operating system, Windows 95© or higher.
  - Standard peripheral connections at common ports "COM1" or "COM2", with DB9 type connectors.
  - Minimum hard disk space: 50 Mb.
  - Standard conventional sound card, with "Audio OUT" output and "MIC-IN" input by means of 3.5 mm stereo female jack connectors.
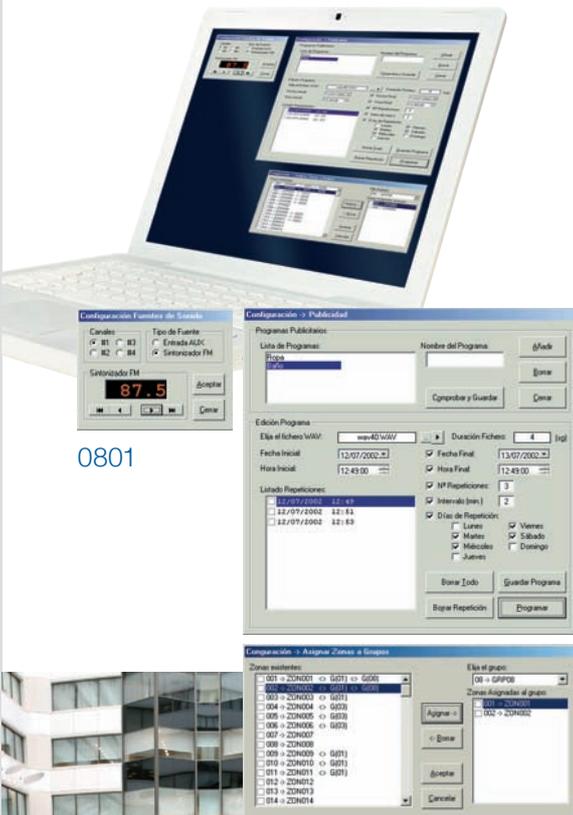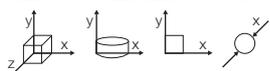
Control console

The control console is the device which controls the installation functions. It allows the simultaneous control and adjustment of some functions at zone or area level by means of local modules/controls. In the case of the 1202 version, up to 127 zones can be controlled.

1202
Control console for 127 zones

- Control console for 127 zones with built-in microphone, keyboard and display.
- It controls music, messages and features such as volume, equalization and automatic messages in each zone or group of zones, individually or globally, for sound installations of up to 127 zones. 127 zones.
- With 2", 32 Ω loudspeaker for answering messages.
- Menu operation with the help of a 4 line - 16 character display.
- It allows to program the whole system.

Related products

- Metallic bracket (ref 002254) to fit 1202.11 and 1202 control consoles on wall

1201.11

1501.10

Connection base

1501.12   1501.10

1501.12 / 1501.10
Connection base for control console/audio source

- Connection base to connect 1201.x / 1202 control consoles and audio sources far away from the audio processor.
- With RCA audio input to connect an external music source to the sound installation.
- Signal presence indicating lamp.

Technical specifications

Power supply 15 V⎓ through general line
Maximum consuption 1,2 W
Input inpedance 20 KΩ
Input sensivity 370 mV
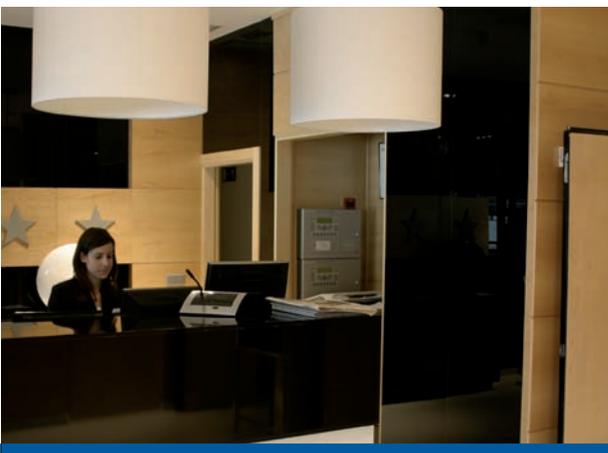
Audio processor in 19" rack format

Audio processor made up of modular CARDS designed for surface or 19" RACK mounting.

All the modules are built with stainless steel fronts and are housed in EGi supports ref. 1709 or 1707 for placing on tabletop or in cabinet, both under the 19" rack standard with 3 UA (Height Units). 7, 14, 21 or 28 UP (Width Units) according to the modules.

This mechanical format makes it easier to mount the processor and to combine it with elements of conventional 100 V public address systems.

3 UA

84 UP

Central processor - Main modules

3UA

28UP

1315
120 W Power supply unit

- It includes a 120 W power supply unit for 15 V⎓. It takes 28 Ups.
- It can feed 7 x 20 W, 15 V⎓ amplifiers.
- Stainless steel front.
- 230 V~ front main switch.
- Front LED indicators displaying: ON (green), 15 V⎓ power supply working correctly (green), overload/short-circuit (red) and ventilation due to temperature (red).
- 1 Rear 230 V~ IEC input.
- 7 Rear connectors polarized for 15 V⎓ supply.

3UA

7UP

1316
System central processing unit CPU

- It controls the installation and, amongst other functions, memorises the number and name assigned to zones or groups in a zone; it controls the operation of the modules included in the processor and the functions that depend on them and initialises the Millennium installation each time it receives power.
- Front RJ45 socket for the 1202 control console.
- Front LED indicators displaying: ON / OFF (green) and condition of wires 9 and 90.
- Rear 15 V⎓ power connector.
- Rear 14-way male flat cable connector for the audio programs + intercom bus.
- 15 Rear plug-in strips.
- Rear 20-way male flat cable connector for the audio source bus.
- Rear plug-in terminal connector for the 9-file general bus (not balanced) or 14-file general bus (balanced).
- Only one module allowed per installation.

Related products

1707

- Chassis for installation of Millenium modules. in 19" rack (3 UA x 84 UP). Please consult page 31.

1709

- 19" Tabletop cabinet with bumpons and external stainless steel finishing. Please consult page 31.

1710

- 7 UP blind cover for Millenium 1707 chassis or 1709 tabletop cabinet. Please consult page 31.

* UA: Height Units. UP: Width Units.

EGi

Optional units for central processor modules

1101.1
RCA Modular audio input with compressor.

- RCA modular audio input with compressor to connect an external audio source to the sound installation.
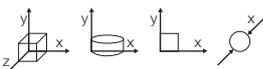- Front yellow LEDs to indicate the activation of line outputs and green LED to indicate the ON/OFF status.
- Rear connectors for stereo audio input (2 RCA pairs) and for audio programs + intercom bus (20-way ribbon wire socket).
- It provides 1 or 2 audio channels to the installation.

1102.1
Modular FM digital tuner

- Modular FM digital tuner as an internal music source in the sound installation.
- Front LED to indicate the line output activation, front LED to indicate the operation of the FM tuner, front LED to indicate the RCA input status and front LED to indicate the ON/OFF status.
- Pair of rear RCA stereo connectors for input of external music source.
- Rear connectors for stereo audio input (2 RCA pairs) and for audio programs + intercom bus (20 way ribbon wire socket).
- Rear female connector for RF antenna.
- Rear potentiometer to adjust antenna reception sensitivity.

1103.1
Message recorder/player with digital control

- Modular pre-recorded message player with message capacity (it stores up to 8 messages of 15 seconds each).
- Front red LED to indicate message recording and front green LED to indicate the ON status.
- Front RCA connector for input of message audio signals.
- 14-Way ribbon wire socket for connection to audio transmission bus.
- 4 Rear plug-in strips for detection of events, whose triggering activates the transmission of a pre-recorded message to the selected zone.

1104.1X
Telephone message module with digital control

- Telephone message module, which allows public address system messages to be broadcasted by zones from any multi-frequency telephone.
- Front green LED to indicate the ON/OFF status and front yellow LED to indicate off-hook status.
- 14-Way ribbon wire socket for connection to audio transmission bus.
- 2 Rear plug-in strips to connect telephone line.
- This module comes in 7 different languages:
  1104.10 Spanish   1104.11 English   1104.12 Portuguese   1104.13 French
  1104.14 Italian   1104.15 German   1104.16 Czech

Features
Access to the PA system through any telephone.

1109
Telephone extension adapter

- 1109 Adapter allows the telephone extension to be connected to an amplifier.
- When the telephone extension - that is connected to the 1109 module - receives a call, it connects the call directly to the amplifier.
- This is a standalone module. It can work independently of the Millenium installation using 1309.1 / 1304.1 amplifiers.

Technical specifications	1101.1	1102.2	1103.1	1104.10	1109
Power supply	15 V===	15 V===	15 V===	15 V===	15 V===
Input impedance	20 kΩ	20 kΩ	600 Ω	600 Ω	20 k Ω
Input sensitivity	316 mV to 3,16 V	316 mV to 3,16 V	3 V	3,2 V	316 mV to 3,16 V
Reception sensitivity (tuner)	-	2 µV	-	-	-
Maximum consumption	160 mA	180 mA	115 mA	115 mA	115 mA

* UA: Height Units. UP: Width Units.

M·I·L·L·E·N·N·I·U·M

Centralised power processor modules for 19" rack

1306.1
Power stage adapter with message override relay

- Adapter for output power stages to connect external amplifiers to the sound installation.
- Front LEDs to indicate the status of the audio output (yellow), setup (red), and ON/OFF status (green).
- Front setup pushbutton.
- 2 Rear terminals for 230 V~ mains connection driven by built-in relay.
- 14-Way ribbon wire socket for connection to audio transmission bus.
- Rear 14-way flat cable strap and female connector.
- Rear plug-in strip with 9 terminals.
- Rear cable with 15 V=== power connector.
- Rear XLR audio output connector for balanced connection to an output power stage.
- Rear potentiometer for signal adjustment.
- Rear terminal strip for driving of message override in 100 V lines with attenuators.
- It can be controlled through the 0801 software, 1202 console or 1206 digital keyboard.

Features

Centralised amplifier for 1 zone with high impedance loudspeakers designed for installations of up to 127 zones, with or without message broadcast in large commercial installations such as shopping centres, business centres, etc.

1318
Relay commutation switch (message override commutation switch for 3 zones)

- Relay commutation switch for 3 zones with 3 wire installations: it allows an emergency message to be broadcasted through the 100 V loudspeaker lines regardless of the state of the line potentiometers.
- Message override.
- Front LEDs to indicate that relays 1, 2 and 3 are activated (green), power status (green), and setup status (red).
- Front setup pushbutton.
- 14-Way ribbon wire socket for connection to audio transmission bus.
- Rear 14-way flat cable strap and female connector.
- Rear plug-in strip with 21 terminals.
- It can be controlled through the 0801 software, 1202 console or 1206 digital keyboard.

1303.1
2-Zone (5 + 5 W) / 10 W mono amplifier with digital control

- Modular amplifier for 2 zones, (5 + 5 W) / 10 W mono.
- Front LEDs to indicate the status of the audio outputs 1, and 2 (yellow), setup (red), and ON/OFF (green).
- Front setup pushbutton.
- 14-Way ribbon wire socket for connection to audio transmission bus.
- Rear 14-way flat cable strap and female connector.
- Rear plug-in strip with 8 terminals.
- Rear cable with 15 V=== power connector.
- It can be controlled through the 0801 software, 1202 console or 1206 digital keyboard.

1304.1
1-Zone (10 + 10 W) / 20 W mono amplifier with digital control

- Modular amplifier for 1 zone. (10 + 10 W) / 10 W mono.
- Front LEDs to indicate the status of the audio output (yellow), setup (red), and ON/OFF (green).
- Front setup pushbutton.
- 14-Way ribbon wire socket for connection to audio transmission bus.
- Rear 14-way flat cable strap and female connector.
- Rear plug-in strip with 9 terminals.
- Rear cable with 15 V=== power connector.
- It can be controlled through the 0801 software, 1202 console or 1206 digital keyboard.

Technical specifications	1306.1	1303.1	1304.1
Power supply	15 V===	15 V===	15 V===
Input impedance RMS	-	10 W + 10 W	20 W
Input sensitivity	600 Ω	8 Ω	4 Ω
	(through isolation transformer)		

* UA: Height Units. UP: Width Units.

EGi

Centralised power processor modules for 19" rack

3UA
21UP
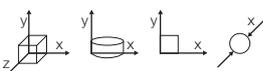
1305.1
1-Zone amplifier, 40 W and 100 V output with digital control

- Modular amplifier for 1 zone, 40 W mono with 100 V line output.
- 230 V~ front switch.
- Front LEDs to indicate the status of the audio output (yellow), setup (red), and ON/OFF (green).
- Front setup pushbutton.
- Rear flat cable connector for MILLENIUM bus.
- Rear flat cable strap for interconnecting to MILLENIUM bus.
- It can be controlled through the 0801 software, 1202 console or 1206 digital keyboard.
- IEC 230 V~ rear input.

1319
120 W 1-Zone amplifier and high impedance output (100 V).
Local digital control though 1206 keyboard

- Front switch button to 230 V~.
- Front LEDs to indicate the status of the audio output (yellow), setup (red), and ON/OFF (green).
- Red LED to indicate an error condition
- Front setup pushbutton.
- Rear flat cable connector for MILLENIUM bus.
- Rear flat cable strap for interconnecting to MILLENIUM bus.
- Rear plug-in terminal blocks to connect loudspeakers and accessories.
- It can be controlled through the 0801 software, 1202 console or 1206 digital keyboard.
- IEC 230 V~ rear input.

1320
240 W 1-Zone amplifier and high impedance output (100 V).
Local digital control though 1206 keyboard

- Front switch button to 230 V~.
- Front LEDs to indicate the status of the audio output (yellow), setup (red), and ON/OFF (green).
- Red LED to indicate an error condition
- Front setup pushbutton.
- Rear flat cable connector for MILLENIUM bus.
- Rear flat cable strap for interconnecting to MILLENIUM bus.
- Rear plug-in terminal blocks to connect loudspeakers and accessories.
- It can be controlled through the 0801 software, 1202 console or 1206 digital keyboard.
- IEC 230 V~ rear input.

Features

Centralised amplifier for 1 zone with high impedance loudspeakers designed for installations of up to 127 zones, with or without message broadcast in large commercial installations such as shopping centres, business centres, etc.

Related products

1707

- Chassis for installation of Millenium modules in 19" rack (3 UA x 28 UP). Please consult page 31.

1709

- 19" Tabletop cabinet with bumpons and external stainless steel finishing. Please consult page 31.

1710

- 7 UP blind cover for Millenium 1707 chassis or 1709 tabletop cabinet. Please consult page 31.

Technical specifications	1305.1	1319	1320
Power outputs	40 W, 100 V line	120 W, 100 V line	240 W, 100 V line
Minimum load impedance	250 Ω (100 V)	83 Ω (100 V)	42 Ω (100 V)
Power supply	230 V~; 50/60 Hz;	230 V~; 50/60 Hz;	230 V~; 50/60 Hz;
Consumption	70 VA	150 VA	300 VA

* UA: Height Units. UP: Width Units.

M·I·L·L·E·N·N·I·U·M

Amplifiers and power supply units

1307.1
15 V⎓, 20 W Power supply unit

- 15 V⎓, 20 W Power supply unit with short-circuit and reverse polarity protections.
- Powered by local connection to 230 V~.
- It can be parallel-connected to other units (it allows up to 3 units).

Features
Additional power supply module for all types of installations.

1308.1
15 V⎓, 20 W Buffer-power supply unit

- 15 V⎓, 20 W Power supply unit with short-circuit and reverse polarity protection.
- It can be parallel-connected to other units.
- With buffer for 5 audio channels to reduce cable sections.
- Powered by local connection to 230 V~.
- Digital addressing to drive a zone in a Millennium installation

Features
Power supply module for hotel floors or similar installations.

1309.1
20 W Amplifier

- 20 W (4 Ω) / 10 + 10 W (2 Ω) Amplifier.
- With 3 mixed audio inputs, plus a fourth input with priority over the others.
- Powered by local connection to 230 V~

Features
Amplifier module to increase the power in any area.

1310.1
20 W Digital amplifier

- 20 W (4 Ω) / 10 + 10 W (2 Ω) Digital amplifier.
- With 3 mixed auxiliary audio inputs with priority over music plus a fourth input with priority over the others and over music.
- It can be controlled from the 1202 control console, from 1206.xx keyboards or by means of standard electric pushbuttons.
- Powered by local connection to 230 V~.
- Digital addressing to drive a zone in a Millennium installation.

Features
Control and amplification module for installations of more than 3 zones. Suitable for classrooms, meeting rooms, offices, workshops, etc. It also allows up to 3 control keyboards to be parallel connected.

Related products

- Flush-mounting boxes for amplifiers and power supply units. Please consult page 31.

1705   1706

Technical specifications	1307.1	1308.1	1309.1	1310.1
Power supply	230 V~	230 V~	230 V~	230 V~
Maximum consumption	25 VA	25 VA	40 VA	40 VA
RMS power output	-	-	20 W	20 W
Minimum load impedance	-	-	4 Ω	4 Ω
Power output	up to 1,2 A at 15,5 V⎓	up to 1,2 A at 15,5 V⎓	up to 1,2 A at 15,5 V⎓	up to 1,2 A at 15,5 V⎓
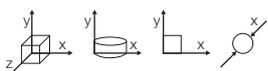
26

EGi

Control units

1205.12

1205.10

Compatible with switchgear units from any manufacturer

Related products

• Accessories for standard box (ø 60 mm). EGi 1-gang front trims. Please consult page 30.

1205.12 / 1205.10
4-Channel control unit. 1 W RMS, 1-2 loudspeakers.

• 4-Channel control unit. 1 W RMS power to connect 1 or 2 loudspeakers, always with 1308.1 buffer-power supply unit.
• Digital volume in 32 2 dB steps. If required, the volume will drop gradually after 6 hours of operation until it switches off (hotels).
• Message override.

Technical specifications

Power supply 15 V⎓ through general line
Maximum consumption 3 W
RMS power output 1,5 W
Minimum load impedance 16 Ω per output

Features

Control and local amplification of sound in hotel rooms, residences/homes for the elderly, offices and, in general, places in which not much sound power is required.

1206.12

1206.10

Compatible with switchgear units from any manufacturer

Related products

• Accessories for standard box (ø 60 mm). EGi 1-gang front trims. Please consult page 30.

1206.12 / 1206.10
Digital control keyboard

• Digital control keyboard with 4 audio channel selector.
• Pilot lamp to indicate which channel has been selected.
• To be used with EGi digital amplifiers.
• Up to 3 pieces can be parallel-connected in the same zone.

Technical specifications

Maximum consumption 1,2 W

Features

Local sound control in installations of up to 4 channels with message broadcast emitted by zones, in combination with any digital amplifier.

1207.12

1207.10

Compatible with switchgear units from any manufacturer

Related products

• Accessories for standard box (ø 60 mm). EGi 1-gang front trims. Please consult page 30.

1207.12 / 1207.10
4-Channel control unit. 2 W RMS, 1-4 loudspeakers
Message override

• 4-Channel control unit. 2 W RMS power to connect from 1 to 4 loudspeakers, always with 1308.1 buffer-power supply unit.
• Digital volume in 80 1dB steps. If required, the volume will drop gradually after 6 hours of operation until it switches off (hotels).
• It can store a zone number.
• Message override.
• It can be controlled through the 0801 software or 1202 console.

Technical specifications

Power supply 15 V⎓ through general line
Maximum consumption 5,1 W
RMS power output 2 W
Minimum load impedance 8 Ω

Features

Local sound control in installations of up to 4 channels with message broadcast emitted by zones.

Control units

1209.12   **1209.10**

Compatible with switchgear units from any manufacturer

Related products

• Accessories for standard box (ø 60 mm). EGi 1-gang front trims. Please consult page 30.

1209.12 / 1209.10
2-Zone control unit for hotels (messages and TV connection)

• 2-Zone mono control unit. 1 + 1 W .

• It enables to assign one zone to TV audio + messages and the other zone to messages only.

• On / Off key.

• Digital volume regulator.

Technical specifications

Power supply 15 V⎓ through general line
Maximum consumption 3,5 W
RMS power output 1 W + 1 W
Minimum load impedance 16 Ω

Features

This control unit has been designed for hotels. It allows to listen to the TV audio in the bathroom, as well as messages.

1208.12   **1208.10**

Compatible with switchgear units from any manufacturer

1208.12 / 1208.10
2-Zone intercom unit for star configuration systems.

• Intercom unit, 2 zones with independent volume adjustment by zone.

• Selection between internal or external microphone.

• Allows the parallel connection of several 1208.xx units to the same input.

Technical specifications

Power supply 15 V⎓ through general line
Maximum consumption 3 W
Minimum load impedance 250 Ω

Features

Broadcasting of messages with selection of 2 possible zones. Especially recommended for surgeries, health centres, etc.

EG**i**

1106.12

Compatible with switchgear units from any manufacturer

Related products

Combining modules of ref. 1106, 1105 and 1107 for conference halls.
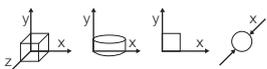
1106.12 / 1106.10
Volume regulator and auxiliary input.

- Volume regulator, with auxiliary input for local audio sources (CD, cassette deck, ...) with ON switch and LED indicator.
- It includes slow signal compressor to prevent distortion.
- Self-mixing for up to 5 units.

Technical specifications

Power supply 15 V=== through general line
Maximum consumption 2,43 W
RMS power output 1,25 W
Minimum load impedance 16 Ω
Input impedance 20 k Ω
Input sensitivity 1,9 V

Features

Local connection of music sources in assembly halls, classrooms, etc. for any installation.

1105.12

Compatible with switchgear units from any manufacturer

Related products

Combining modules of ref. 1106, 1105 and 1107 for conference halls.

1105.12 / 1105.10
XLR Preamplified microphone base.

- Preamplified XLR base for local connection of microphone to a sound installation.
- It includes voice compressor to prevent distortion.
- The microphone can be dynamic (balanced or not) or electret (with or without phantom power supply).

Technical specifications

Power supply 15 V=== through general line
Maximum consumption 1,2 W
Input impedance 2,2 KΩ
Input sensitivity   Dynam.Mic.: 2,5 mV
                      Electret mic: 11 mV

Features

1105.xx. Local connection of microphones in assembly halls, classrooms, etc. Suitable for any installation.

1107.12

Compatible with switchgear units from any manufacturer

Related products

Combining modules of ref. 1106, 1105 and 1107 for conference halls.

1107.12 / 1107.10
Volume regulator for 1105 base.

- ON Push button with LED indicator.
- Digital volume regulator in 80 1 db steps.
- Dual polarity pushbutton input for manual activation of microphone.
- Self-mixing up for to 5 units.

Technical specifications

Power supply 15 V=== through general line
Maximum consumption 2,43 W
RMS power output 1,25 W
Minimum load impedance 16 Ω
Input impedance 20 KΩ

Features

1105.xx microphone base volume adjustment.

M·I·L·L·E·N·N·I·U·M

Accessories for standard box (ø 60 mm)

1-Gang front trims

1801/BL	1801/BN	1801/CO	1801/DO	1801/GR	1801/HU	1801/PL	1801/NE
ivory white	snow white	copper	gold	graphite	smoke	silver	black

18001	18002	18003	18004	18005	18006
old copper	old gold	stainless steel	shiny nickel	matt nickel	black nickel

88mm
90mm
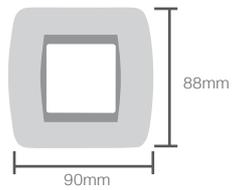
2-Gang front trims

1802/BL	1802/BN	1802/CO	1802/DO
ivory white	snow white	copper	gold

1802/GR	1802/HU	1802/PL	1802/NE
graphite	smoke	silver	black

18007	18008	18009	18010
old copper	old gold	stainless steel	shiny nickel

18011	18012
matt nickel	black nickel

88mm
161mm

EGi
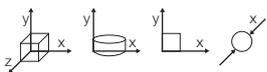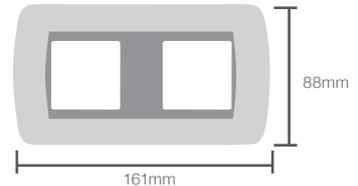
Miscellaneous modules

1502.12

1502.10

1502.12 / 1502.10 De-balancer for 2 audio lines

• EGi Unbalancer for 2 audio lines.

1503

1503 Pushbuttons to digital amplifiers adapter

• Electric pushbuttons to digital amplifiers adapter.
• Auxiliary module for installation in aggressive environments.

1510

1510 General line bus to flat cable converter

• It converts the general line into flat cable, allowing the interconnection of Millenium modules.
• It must be used when installing another 19" rack system far away from the main rack or when exceeding flat cable consumption limits.

1509

1509 XLR Output and audio signal adjustment (from 0,067 Vrms to 2,7 Vrms)

• It allows to select one of the five signals that run through the general line (4 audio channels and messages) and provides electrical isolation with a 1:1 audio transformer that allows the use of other device.
• It is used to receive and send an audio program to the telephone switchboard as waiting music.
• The connection between the output and the audio input on the receiver must be done with a shielded audio cable.
• It allows to receive and send messages through 1318 module.

3UA **1707**

84UP

3UA **1709**
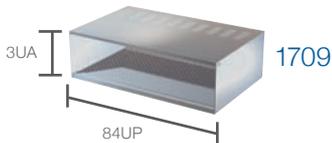
84UP **1710**

1707 Chassis for 19" rack

• Stainless steel and aluminium chassis for installation of Millennium modules in 19" rack. 84 UP (width units) and 3 UA (height units).

1709 Tabletop cabinet

• 19" Tabletop cabinet with bumpons and external stainless steel finishing. 84 UP (width units) and 3 UA (height units).

1710 Blind cover for Millennium 1707 chassis or 1709 tabletop cabinet

1701 **1702**

1705 **1706**

1701 Flush-mounting box for 1301.x module. Dimensions: 230 x 265 x 65 mm

1702 Surface mounting box for 1301.x module. Dimensions: 230 x 265 x 65 mm

1705 Flush-mounting box for 1307.x, 1308.x, 1309.x and 1310.x modules. Dimensions: 107 x 165 x 46 mm

1706 Surface-mounting box for 1307.x, 1308.x, 1309.x and 1310.x modules. Dimensions: 120 x 165 x 64 mm

Millennium Cables

15 V⎓ General line (wires 2 and 4) ①

Line power consumption	Intensity	Lenght of cable run for max voltage drop of 2,5 V (m)		
W	A	1 mm²	1,5 mm²	2,5 mm²
5	0,3	370	-	-
10	0,6	185	277	460
15	1	110	166	275
20	1,3	85	128	215

Low impedance loudspeaker line
(homogeneous loudspeaker distribution)

Total impedance	Lenght	Cable section ②
2 Ω	34 m	1,5 mm²
	56 m	2,5 mm²
4 Ω	70 m	1,5 mm²
	115 m	2,5 mm²
8 Ω	70 m	0,75 mm²
	140 m	1,5 mm²
	225 m	2,5 mm²
16 Ω	140 m	0,75 mm²
	280 m	1,5 mm²
	450 m	2,5 mm²

High impedance loudspeaker line (100 V)

Power	Lenght	Cable section
40 W	600 m	0,75 mm²
	1.200 m	1,5 mm²
	2.000 m	2,5 mm²
120 W	450 m	1,5 mm²
	750 m	2,5 mm²
240 W	225 m	1,5 mm²
	375 m	2,5 mm²
500 W	100 m	1,5 mm²
	200 m	2,5 mm²

Maximum lenght for the audio wires 1, 5, 6, 7 and 8: 500m. In order to avoid diaphony, we recommend the use of balanced wires when 500m are exceeded or contact our **Technical Service**.

Cables with coloured wires

1507.1LH 9-Way twisted cable

9-Way twisted cable with overall plastic cover. 450/750 V isolation. Halogen-free and non-propagator of fire.(1 x 1.5 mm²; 1 x 1 mm²; 5 x 0.5 mm²; 2 x 0.5 mm²)

1507LH 9-Way twisted cable

9-Way twisted cable with overall plastic cover. 450/750 V isolation. Halogen-free and non-propagator of fire.(1 x 1.5 mm²; 1 x 1 mm²; 5 x 0.5 mm²; 2 x 0.5 mm²)

1512 9-Way twisted cable

9-Way twisted cable with overall plastic cover. 450/750 V isolation. Halogen-free and non-propagator of fire.(1 x 1.5 mm²; 1 x 1 mm²; 5 x 0.5 mm²; 2 x 0.5 mm²)

1512.1 9-Way twisted cable
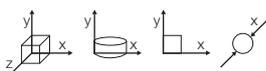
9-Way twisted cable with overall plastic cover. 450/750 V isolation. Halogen-free and non-propagator of fire.(1 x 1.5 mm²; 1 x 1 mm²; 5 x 0.5 mm²; 2 x 0.5 mm²)

6504 Loudspeaker cable

Halogen-free loudspeaker cable 2 x 2,5 mm². 750 V isolation.

CML100V Twisted-pair cable

Twisted-pair cable, green/orange (2 x 1,5 mm²) 450/750 V isolation. Halogen-free and non-propagator of fire

EGi

Millennium Cables

Single-wire scheme for Millenium series

	Colour	mm²	Function	Voltage	No	Colour
Messages	1	0,5	Message audio and general call w/priority over music and PIN / IN inputs	3 V audio + 7 V⎓	1	brown
Power supply	2	1 a 2,5	Power supply +15 V⎓	+15,5 V⎓	2	red
	4	1,5 a 2,5	GROUND, EARTH and RETURN	0 V and audio	4	yellow
Audio	5	0,5	Channel 1 audio	3 V audio + 7 V⎓	5	green
channels	6	0,5	Channel 2 audio	3 V audio + 7 V⎓	6	blue
	7	0,5	Channel 3 audio	3 V audio + 7 V⎓	7	violet
	8	0,5	Channel 4 audio	3 V audio + 7 V⎓	8	grey
Data	9	0,5	DIGITAL channel (+) RS-485 all control signals for the system are transmitted in a codified way	Data 3,9 - 4,5 V⎓	9	white
	9 0	0,5	DIGITAL channel (-) RS-485	Data	90	white-black
Local connections	0	0,5	Wire for message priority activation using a logical signal	5 V (máx. 15 V⎓)	0	black
	in	0,5	Input without priority for local connection	3 V audio + 7 V⎓	in	non defined
	pin	0,5	Input with priority for local connection It has priority over the IN inputs	3 V audio + 7 V⎓	pin	non defined
	out	0,5	Salida de audio para interconexión local	3 V audio + 7 V⎓	out	non defined

Only balanced wiring

	Colour	mm²	Function	Voltage	No	Colour
Messages	1 0	0,5	Message audio and general call	3 V audio + 7 V⎓	10	brown-black
Audio	5 0	0,5	Channel 1 audio: (-)	3 V audio + 7 V⎓	50	green-black
Channels	6 0	0,5	Channel 2 audio: (-)	3 V audio + 7 V⎓	60	blue-black
	7 0	0,5	Channel 3 audio: (-)	3 V audio + 7 V⎓	70	violet-black
	8 0	0,5	Channel 4 audio: (-)	3 V audio + 7 V⎓	80	grey-black

Speaker output cables

	mm² ❷	Function	Voltage	No	Colour
+	0,75 a 2,5	Speaker output (+)	audio + 7 V⎓	+	red
- +	0,75 a 2,5	Speaker output common	0 V audio	-/+	black/red
-	0,75 a 2,5	Speaker output (-)	audio + 7 V⎓	-	black

Digital amplifiers

	mm²	Function	Voltage	No	Colour
⊥	0,5	Control cable common	0 V	+	non defined
T	0,5	Keyboard information	15 V⎓	-/+	non defined
L	0,5	Control of channel indicators	máx. 14 V⎓	-	non defined

❶ Recommended cable sections: from 1 to 2,5 mm

❷ Recommended cable sections: from 0,75 to 2,5 mm

IMPORTANT	The pairs of wires: 1-10, 5-50, 6-60, 7-70, 8-80 should only be installed complete in large systems with balanced lines, from 500 m on. Wires: 9-90 must always be installed.

M·I·L·L·E·N·N·I·U·M

Millennium 127 zones

1207 1501

1501
1207
1202

1105 1107 1106 1311 1206 1206 1310.1 1105 1107 1106

G11B/32

Reception

1202

1501 230V~

240 W, 100 V
240 W, 100 V

GENERAL LINE
TO FLOORS

1205 1205 1205 1205 1205

1308.1

1310.1

GENERAL LINE
TO RECEPTION

Swimming pool

1205

1205

Floor 1

1205

Garden

1205

Example of installation in a hotel

- Independent zones for message broadcast, audio and public address
- Emergency evacuation
- Up to 4 audio channels can be selected in any room

PRODUCTS

1501
Connection base for control console/audio source

1207
4-Channel control unit. 2 W RMS, 1-4 loudspeakers. Message override

1202
Control console for 127 zones

Parking

Floor 2

1205 1205 1205 1205 1205

1308.1

1310.1

GENERAL LINE
TO RECEPTION

1205

1205

Swimming pool

Floor 2

1205

Garden

1205

1105.XX
XLR Preamplified microphone base.

1107.XX
Volume regulator for 1105 base.

1106.XX
Volume regulator and auxiliary input.

1206.XX
Digital control keyboard

G11B/32
8" Ceiling loudspeaker. Wideband. 32 Ω

1205.XX
4-Channel control unit. 1 W RMS, 1-2
loudspeakers. Message overrides

1308.1
15 V⎓, 20 W Buffer-power supply unit

1310.1
20 W (4 Ω) / 10 + 10 W (2 Ω) Digital amplifier

Industrial
public address
systems

* SXXI Pavillion - Zaragoza

EGi-paso
Sistemas de megafonía con línea de 100 V
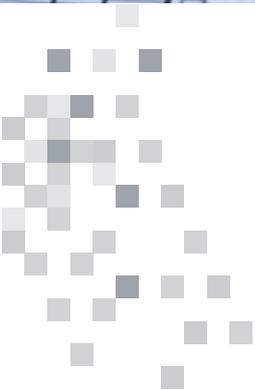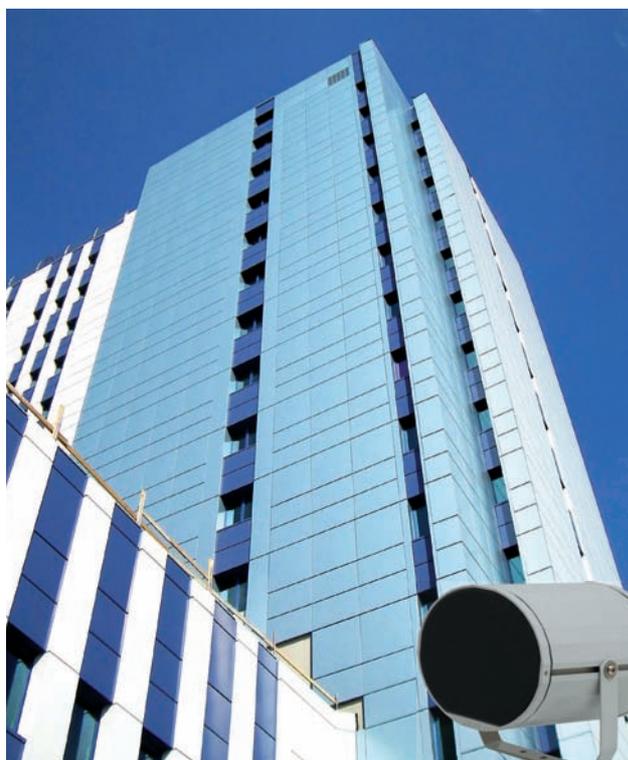
EGi distributes 100 V line public address systems for **indoor and outdoor medium-size to large installations**. This systems are suitable for sport centres, shopping centres, schools or city halls due to their easy use and installation.

EGi provides project consulting and technical support in order to give custom-made solutions and fit customers' needs.
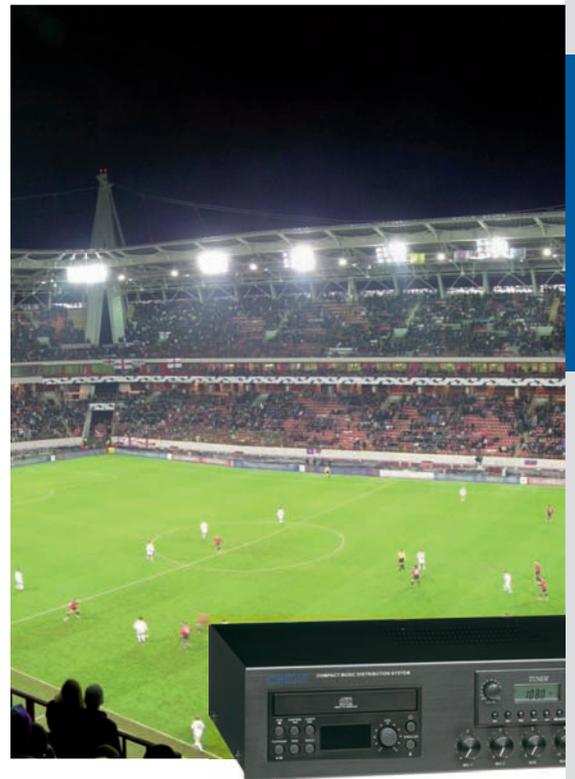
Products

- Voice Evacuation System (VES) compliant with the IEC60849 standards
- Conference systems with or without voting
- Digital sound systems and message broadcast with self-diagnostic routines
- Amplifiers
- Audio sources, mixer amplifiers and equalizers
- Wireless, hand-held, table and floor stand microphones

High
performance
and a remarkable
sound quality

* South America Pavillion at EXPO Zaragoza 2008

EGi
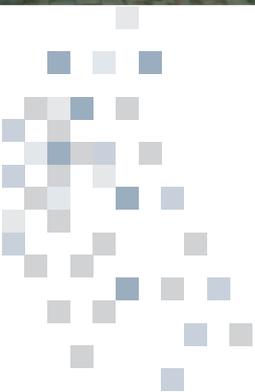
))(escenic)))

Escenic is the right product to enable the sound broadcast in those places where the demanded audio power is higher than the level supplied in conventional background music. This is ensured by upgrading our quality standards in speaker design to the requirements of the Pro-Audio field.

On the other hand, the products of series "**Escenic**" can also be used as an extension of "**Millennium**" and / or "**PASO**" projects. In that case, the "**Escenic**" range is ideal to provide an excellent sound performance and a high efficiency, maintaining at the same time the range of functions of the general system, like message override, pre-recorded message broadcast, etc.
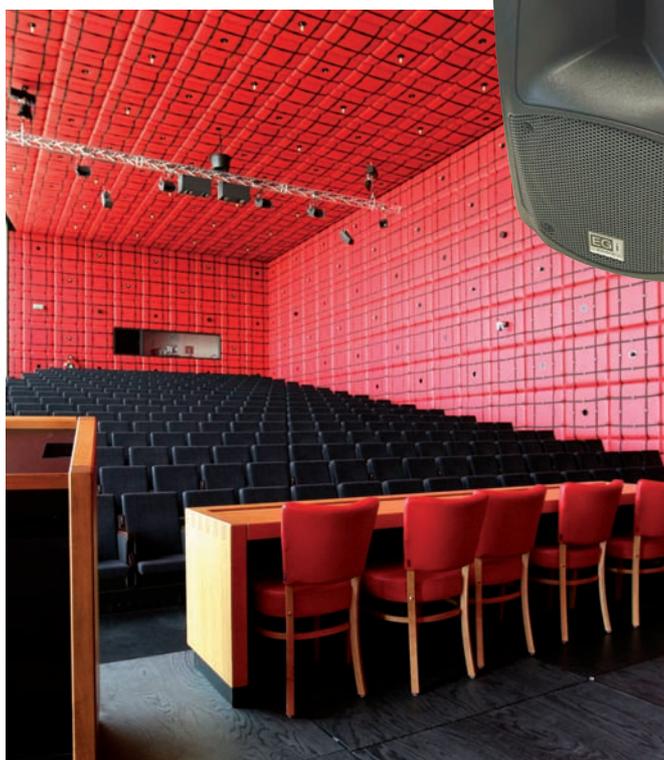
Features

- Sound systems where the level of required audio power is higher than in background sound installations.
- Possibility to broadcast stereo sound at high power levels.
- Mixing and equalisation equipment for live performances and recording studios.
- Outdoor and Indoor, heavy duty speakers for stage and monitor use.
- With a range of accessories and mounting supports for every environment.

Output power stages

A range of power boosters where a clean and transparent sound meets the maximum output performance.

The main features of the Escenic power boosters are:
- Forced low-noise ventilation
- Solid 2 mm steel housing
- Double simetric input/output XLR (Cannon) / Jack 6.3 mm
- Toroidal power supply transformer
- Clip indicators
- Independent front volume controls for each channel
- Modular building for easy maintenance
- Protection for speakers by means of sub-sonic filter
- Distortion filter.

6203
Stereo graphic equaliser, 15 bands, 2/3 octave

6204
Stereo digital sound efect generator

6205
Automatic feedback destroyer (made by Behringer)

6301
Output power stage, 2 x 225 W @ 4 Ω

- Stereo power boosting module. Easy to handle. Designed and sized under safe parameters for long resistance.
- Protected against short-circuits, too low impedance in the speaker line, overheating and continuous clip.
- Variable speed fan.
- LED indicators showing presence of signal.
- Gain adjustment for each channel.
- To be installed in 19" wide rack. 2UA (height units). 84UP (width units).
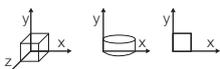
6302
Output power stage, 2 x 450 W @ 4 Ω

- Designed and sized under safe parameters for long resistance.
- Bridgeable power stage, 2 x 450 W or 1 x 850 W
- Protected against short-circuits and too low impedance in the speaker line. Independent temperature sensors for each channel.
- Modular technology: Each channel is built in one module that includes the whole of its electronic components and is easily interchangeable and very compact.
- LED indicators showing correct operation and safe condition.
- The input module has selectors for operation mode, operational limits and a filter for low frequencies.
- Gain adjustment for each channel.
- To be installed in 19" wide rack. 2UA (height units). 84UP (width units).

6303
Output power stage, 2 x 650 W @ 4 Ω

- Designed and sized under safe parameters for long resistance.
- Bridgeable power stage, 2 x 450 W or 1 x 850 W
- Protected against short-circuits and too low impedance in the speaker line. Independent temperature sensors for each channel.
- Modular technology: Each channel is built in one module that includes the whole of its electronic components and is easily interchangeable and very compact.
- It can drive 100 V line in bridget mode.
- LED indicators showing correct operation and safe condition.
- The input module has selectors for operation mode, operational limits and a filter for low frequencies.
- Gain adjustment for each channel.
- To be installed in 19" wide rack. 2UA (height units). 84UP (width units).

Technical specifications		6301		6302		6303	
Impedance		4 Ω (min.)	8 Ω	4 Ω (min.)	8 Ω	4 Ω (min.)	8 Ω
RMS Power (1 kHz @ 1% THD)		225 W	160 W	450 W	295 W	650 W	375 W
Total harmonic distortion	@ 20 kHz	0,03 %	0,01 %	0,05 %	0,03 %	0,05 %	0,03 %
	@ 10 kHz	0,01 %	0,005 %	0,02 %	0,01 %	0,02 %	0,01 %
	@ 1 kHz	0,004 %	0,002 %	0,005 %	0,005 %	0,005 %	0,005 %
Intermodulation distortion		0,02 %	0,01 %	0,02 %	0,015 %	0,02 %	0,015 %
Frequency response (20 Hz - 20 kHz)		0,1 dB$_{SPL}$	0,1 dB$_{SPL}$	0,2 dB$_{SPL}$	0,2 dB$_{SPL}$	0,2 dB$_{SPL}$	0,2 dB$_{SPL}$
Damping factor		150	300	140	280	140	280
Input sensitivity		0,7 V	0,8 V	1 V	1,2 V	1,2 V	1,4 V
Input impedance		20 kΩ	20 kΩ	20 kΩ	20 kΩ	20 kΩ	20 kΩ

Output power stages

Accessories for power stages

6501

6502

6503

6505

6501
Balanced cable XLR female to XLR male. 6m. Black colour.

6502
Stereo cable. Double male RCA to double male 6,3 mm jack 5m. Black colour

6503
Bifid balanced cable. Single female XLR to double male XLR. 6m. Black colour

6505
Balance cable XLR male to 6,3 mm jack male. 3m. Black colour

Mixing tables

Two different mixing tables that can fully comply with the requirements of the most usual installations described in this catalogue.

The first of them (EGi 6201) can solve, at a reduced cost, installations where up to two music sources must be mixed with the voice of a disc-jockey / speaker / preacher, etc. To be frequently used in bars, pubs, smallsized discos, recreational areas of hotels and shopping malls, small-sized sport halls, and, in general, in every broadcast to the public where the voice of the speaker has to be mixed with the background music.

The second proposed mixing table (EGi 6202) offers a highly professional performance and it is strongly recommended in those places or events where up to sixteen channels (MIC or AUX) have to be mixed.

6201
Mixing table 2 + 1 channels for disc jockeys.
Dimensions 235 x 356 x 69 mm

- Stereo 3-channel mixer (2 channels + DJ Microphone).
- DJ microphone input with talkover and tone controls for bass / medium / treble (-24 dB / +12 dB).
- The two channels have 3 inputs each: (phono / CD / line) and tone controls for bass / medium / treble (-24 dB / +12 dB).
- Monitoring option for both channels and REC and headphone outputs.
- Independent "Master" volume controls. "Punch" push buttons and beat indicating LEDs.

Escenic
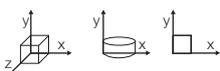
6202
16-Channel mixing table for MIC / INST
Dimensions 416,4 x 423 x 108 mm

- 16 Input channels. 8 mono inputs MIC / LINE and 4 stereo LINE inputs (of which two can be used as mono MIC inputs).
- 10 low noise, high precision Pre-amplifiers. High performance pre-amplifiers that will get the best from any dynamic or condenser microphone.
- Phantom power supply. All 10 pre-amps have selectable phantom power supply to feed condenser microphones. A single switch turns On/Off the phantom power supply of all 10 channels.
- I/O Insertion: The mono input channels are equipped with I/O insertion points to add compressors, equalisers or any external signal processing device.
- 4 Audio Buses (Stereo & Group). Besides the main stereo bus, the mixing table has a stereo group bus and outputs that can be used for a convenient channel grouping.
- Three-band channel equaliser and high-pass filter. One three-channel equaliser is available for each input channel. All the mono MIC input channels have also a selectable high-pass filter to suppress the undesired low frequency noise.
- Two auxiliary sends and one auxiliary stereo return. Two auxiliary sends to each channel (one post-fader and one selectable between pre- or post-fader) result in an excellent flexibility for external signal processing or monitoring. An auxiliary stereo return is also available.
- Illuminated switches. The activation switches (stereo bus assignment, pre-fader listening and phantom power supply) are illuminated for a quick confirmation of the critical adjustments.
- Supplied with adapters for rack assembly.
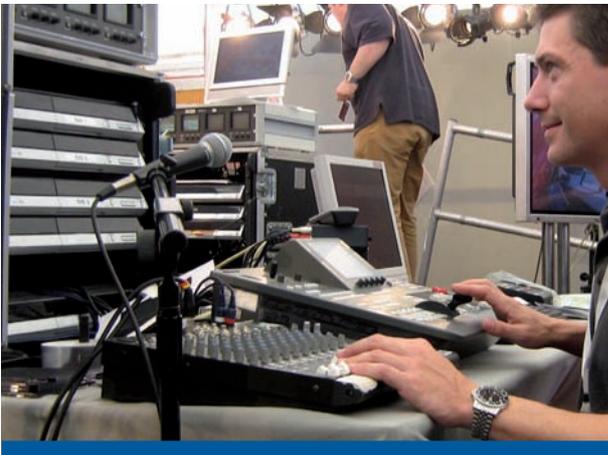
Accessories for mixing tables

6501 / 6502 / 6503 / 6505 / 6507 / 6509 / 6510.xx

6501
Balanced cable XLR female to XLR male. 6m. Black colour.

6502
Stereo cable. Double male RCA to double male 6,3 mm jack 5m. Black colour.

6503
Bifid balanced cable. Single female XLR to double male XLR. 6m. Black colour.

6505
Balance cable XLR male to 6,3 mm jack male. 3m. Black colour.

6507
XLR (Canon) Male plug.

6509
Balanced microphone cable.

6510.10
Female XLR wall socket for 60 mm wall mount box. White colour.

6510.12
Female XLR wall socket for 60 mm wall mount box. Black colour.

(((escenic)))

Microphones

For an optimal performance of the "Escenic" systems where speech broadcast is required, we propose hereon a selection of the most suitable EGi-PASO microphones that will solve the most frequent applications.

With the wireless receivers, the preferred microphone (hand-held, headworn, lavalier...) has to be selected. Some of them are also available in kit format for an easier system configuration.

For this purposes, please ask our technical assistance service.

M936
Cardioid dynamic microphone for speech

Active Cabinet Loudspeakers

The range of active cabinet loudspeakers offers the best solution for portable systems: parties, conferences, weddings and all kind of events where an easy to handle, good quality sound system is required that allows the connection and control of several audio sources without any external mixer.

The EGi active cabinet loudspeakers provide always a correct and efficient solution to broadcast sound under the principles of flexibility and liability, even in front of exceptional or extreme acoustical conditions.

Just plug them into the mains, press the ON switch, and plug in the mic or music source (CD, Tape, Soundcard...). The line inputs have independent level controllers to mix multiple sound signals.

6606.AP
Active cabinet loudspeaker. Features: 8", 2 ways, 200 W RMS
Dimensions 300 x 450 x 300 mm

- Built-in 8" woofer and 1" titanium engine.
- External mixer not required.
- Mic and line inputs with adjustable gain.
- Master, line and mic volume controls.
- Designed for vertical use, on a floor stand or hung.
- Several units can be linked to each other.

Technical specifications	6606.AP
RMS power	200 W
Type Active	2 ways
Woofer	8'' - 150 W
Tweeter	1'' - 50 W
Frequency response (@ - 6 dB$_{SPL}$)	52 - 19.000 Hz
Sensitivity (@ 1 W, 1 m)	120 dB$_{SPL}$
Coverage angle (@ 4 Khz)	H 110º, V 100º
Type of cabinet	Bass Reflex

EGi
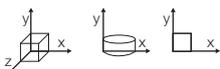
Accessories for active cabinet loudspeakers

6508
6508
Male 6.3 mm jack plug

6504

6509
6504
Halogen-free loudspeaker cable 2x2,5 mm². 750 V isolation.

6509
Balanced microphone cable

6704
Floor stand for 6603.08, 6603.IP, 6604.08, 6604.IP and 6605.AP

6704
6706
Wall support for 6606.AP.

Passive cabinet loudspeakers

Medium power

Compact, multi-purpose monitor speakers, designed to fulfil every kind of requirements in sound distribution for every environment. Their brilliant frequency response make them ideal for those surroundings where not only speech, but also a loud, powerful and clear music is going to be broadcasted. They are easy to install thanks to their range of wall and ceiling supports. The different versions of indoor and outdoor performance make them virtually suitable for any surrounding.

6601.08 / 6601.IP
Passive cabinet loudspeaker. Features: 8", 2 ways, 8 Ω, 100 W RMS. Dimensions 270 x 440 x 230 mm

- 2-Way passive system.
- Cardioid directionality.
- Highly resistant polypropilene housing.
- Front metallic protection grille.
- For vertical or horizontal use.
- Colour: black.
- Only 6601.IP features IP-54 degree for outdoor use.
- Hi-Fi Response.

6602.100 / 6602.IP
Passive cabinet loudspeaker. Features: 8", 2 ways. 60 W RMS with 100/70/50 V line transformer. Dimensions 270 x 440 x 230 mm

- Same features as 6601.08, with line transformer. Selectable voltage and power by means of rotary potentiometer. Only one connection required.
- Highly resistant polypropilene housing.
- Front metallic protection grille.
- For vertical or horizontal use.
- Colour: black.
- Only 6602.IP features IP-54 degree for outdoor use.
- Selectable power between: 60 W, 30 W, 15 W, 7,5 W or 3,7 W
- Selectable voltage between 50 V, 70 V or 100 V

Passive cabinet loudspeakers

Medium power

Technical specifications	6601.08	6601.IP	6602.100	6602.IP
RMS Power	100 W	100 W	60 W	60 W
Quality	HI-FI, 2 ways	HI-FI, 2 ways	HI-FI, 2 ways	HI-FI, 2 ways
Impedance	8 Ω	8 Ω	100 V	100 V
Woofer / Tweeter	8" / 1"	8" / 1"	8" / 1"	8" / 1"
Frequency response @ - 6 dB	55 - 24.000 Hz	55 - 24.000 Hz	55 - 19.000 Hz	55 - 19.000 Hz
Sensitivity (@ 1 W, 1 m)	91 dB$_{SPL}$	91 dB$_{SPL}$	91 dB$_{SPL}$	91 dB$_{SPL}$
Coverage angle	H 145°, V 135°	H 145°, V 135°	H 95°, V 90°	H 95°, V 90°
Type of box	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex
IP protection degree	-	IP54	-	IP54
Compression engine	-	-	1"	1"

High power

Design, functionality and a high fidelity sound are combined in these speakers, equipped with titanium compression engine domes.
Their attractive and compact polypropilene housing is remarkably reliable and is designed for an intense and prolonged use.
The available accessories make these speakers easy to install and to transport.
The cabinets are designed for vertical, horizontal use, standing or hung.

6603.08 / 6603.IP
Passive cabinet speaker. Features: 12", 2 ways, 8 Ω, 300 W RMS.
Dimensions 400 x 580 x 310 mm

- 2-Way passive system.
- 12" woofer and 1" titanium compression engine.
- Heavy duty polypropilene housing.
- Front metallic protection grille.
- For vertical or horizontal use.
- Colour: black.
- Only 6603.IP features IP-54 degree for outdoor use.

6604.08 / 6604.IP
Passive cabinet speaker. Features: 15", 2 ways, 8 Ω, 350 W RMS.
Dimensions 450 x 700 x 360 mm

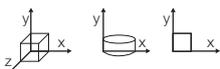- 2-Way passive system.
- 15" woofer and 1" titanium compression engine.
- Heavy duty polypropilene housing.
- Front metallic protection grille, with extra protection in the weakest part.
- For vertical use, standing or hung.
- Colour: black.
- Only 6604.IP features IP-54 protection degree for outdoor use.

Technical specifications	6603.08	6603.IP	6604.08	6604.IP
RMS Power	300 W	300 W	350 W	350 W
Quality	HI-FI, 2 ways	HI-FI, 2 ways	HI-FI, 2 ways	HI-FI, 2 ways
Impedance	8 Ω	8 Ω	8 Ω	8 Ω
Woofer / Tweeter	12" / 1"	12" / 1"	15" / 1"	15" / 1"
Frequency response @ - 6 dB	45 - 17.000 Hz	45 - 17.000 Hz	50 - 20.000 Hz	50 - 20.000 Hz
Sensitivity (@ 1 W, 1 m)	94 dB$_{SPL}$	94 dB$_{SPL}$	100 dB$_{SPL}$	100 dB$_{SPL}$
Coverage angle	H 85°, V 80°	H 85°, V 80°	H 85°, V 80°	H 85°, V 80°
Type of box	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex
IP protection degree	-	IP54	-	IP54

Accessories for passive cabinet speakers

6701
Kit with four rings and karabiners for 6603.08, 6603.IP, 6604 and 6604.IP

6702
Adjustable wall and ceiling support for 6601.08, 6601.IP, 6602.100, and 6602.IP

6703
Adjustable wall support for 6603.08, 6603.IP, 6604.08, and 6604.IP

6704
Floor stand for 6603.08, 6603.IP, 6604.08, 6604.IP, 6605.AP and 6606.AP

6706
Wall support for 6606.AP.

6504
Halogen-free loudspeaker cable, 2 x 2,5 mm²

6506
Speak-on connector for 6601.IP, 6602.IP, 6603.IP and 6604.IP

Subwoofer

66008
Wood subwoofer with built-in 15" loudspeaker to reproduce sub-bass 400 W RMS frequencies.
Features: 8 Ohm, 97 dB$_{SPL}$ @ 1 W / 1m. Colour: Black

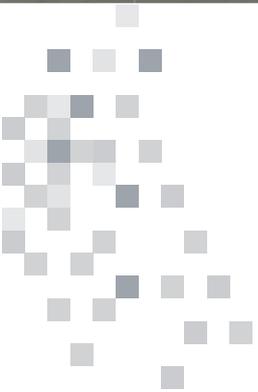| Technical specifications	66008
Power (RMS)	400 W
Impedance	8 Ω
Response @ -6dB	45Hz - 125Hz
Output for passive loudspeakers	125Hz - 22kHz
Sensitivity (@ 1W/1m)	97dB$_{SPL}$
Dimensions	530 x 470 x 460 mm

The widest offer with EGi's design and quality

* Private house - Madrid

* Tryp hotel (Sol Meliá Chain)**** - Zaragoza

LOUDSPEAKERS

EGi offers you a wide range of loudspeakers and sound diffusers.

EGi loudspeakers and passive diffusers can be combined with the **Domos** and **Millennium** series. They produce an excellent sound quality, both in domestic environments and in public or commercial installations.

EGi offers excellent alternatives for wall or ceiling, flush or surface mounting with sizes from 60 x 60 mm to 27 x 27 cm and options of 2", 3", 5" and 8" with three different qualities (standard, wideband and Hi-Fi), as well as different versions of baffles and cabinets to obtain the best sound performance.

And on the other hand, under its **EGi-Paso** trademark, **EGi** also offers an excellent range of projectors, sound columns, horns, megaphones, ceiling and wall loudspeakers, baffles and self-amplified diffusers, with options for indoor and outdoor, anti-damp, metallic, polypropylene… Specially designed for installation in **EGi-Paso** 100 V line public address systems.

* *Plenilunio Shopping Centre, Madrid

* Paracuellos de Jiloca Hotel & Spa Resort, Zaragoza

Loudspeaker Series

• **EGi low impedance loudspeakers**

   2" Loudspeakers, accessories for 2" loudspeakers, 3" loudspeakers, accessories for 3" loudspeakers, 5" loudspeakers, accessories for 5" loudspeakers, 5" wall-mount loudspeakers, accessories for 5" wall-mount loudspeakers, 8" loudspeakers, accessories for 8" loudspeakers, Hi-Fi baffles, accessories for Hi-Fi baffles, sound projectors

• **EGi-Paso 100 V line loudspeakers**

   Wall loudspeakers, ceiling loudspeakers, accessories for ceiling loudspeakers, sound projectors, 100 V baffles, columns, horns, baffles for 100 V and low impedance

• **Sound and lighting, all in one device**

2" loudspeakers

Decoration concerns are increasingly important in architecture related installations nowadays. The best way to ensure that loudspeakers blend into their surroundings is to reduce their size. EGi has specially developed loudspeakers of just 2" and 3", maintaining a surprising sound quality considering their dimensions.

G28N/16PL
The same features as G28N/16. Colour: silver

G28N/16
2" ceiling loudspeaker + spring fixing grille. Wideband. 16 Ω

G28N/32
2" ceiling loudspeaker + spring fixing grille. Wideband. 32 Ω

G13U/16
2" wall loudspeaker. To be installed in 60 mm standard fitting box. Wideband. 16 Ω

G26U/16
The same features as G13U/16. Snow white finishing

G13U/32
2" wall loudspeaker. To be installed in 60 mm standard fitting box. Wideband. 32 Ω

G26U/32
The same features as G26U/16 in version 32 Ω

0601.10
The same features as G13U/16. For SCHNEIDER® SM 200. Colour: White. Ø 60 mm fitting box

0601.12
The same features as G13U/16. For SCHNEIDER® SM 200. Colour: Black.

0608.16
The same features as G13U/16. For VIMAR® Plana. 3-Module fitting box and Ø 60 mm fitting box

06020
The same features as G13U/16. For GEWISS® Chorus

GI3V/16
The same features as G13U/16. For VIMAR® Idea. 3-Module fitting box

GL2T/16
The same features as G13U/16. For BTICINO® Light. 60 mm fitting box

GL2T/16BN
The same features as G26U/16. For BTICINO® Light. Ø 60 mm fitting box

GL3T/16
The same features as G13U/16. For BTICINO® Light. 3-Module fitting box

GLIT/16
The same features as G13U/16. For BTICINO® Living. Ø 60 mm fitting box

GLIT/32
The same features as GLIT/16 in version 32 Ω

GLUT/16
The same features as G13U/16. For BTICINO® Luna. Ø 60 mm fitting box

G28N/16

G13U/16

Related products

• Accessories for standard box (ø 60 mm). EGi 1-Gang front trims. Please consult page 30.

Ø: Cut diameter

loudspeakers
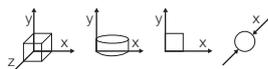
GLUT/32
The same features as GLUT/16 in version 32 Ω

GP2G/16
The same features as G13U/16 for GEWISS® Playbus

0716
The same features as G13U/16 for GEWISS® Playbus

Technical specifications	G28N/16 G28N/16PL	G28N/32	G13U/16 · GLUT/16 GLIT/16 · G26U/16 · GLIT/32 GP2G/16 · 0601.10 · 0601.12	G13U/32 G26U/32
Dimensions (X x Y x Z)	90 x 55 mm	90 x 55 mm	-	-
Power (RMS)	2 W	2 W	2 W	2 W
Quality	wideband	wideband	wideband	wideband
Impedance	16 Ω	32 Ω	16 Ω	32 Ω
Size	2''	2''	2''	2''
Frequency response (@ - 6 dB)	150 - 16.000 Hz	150 - 16.000 Hz	150 - 16.000 Hz	150 - 16.000 Hz
Sensitivity (@ 1 W, 1 m)	83 dB$_{SPL}$	83 dB dB$_{SPL}$	83 dB dB$_{SPL}$	83 dB dB$_{SPL}$
Coverage angle (@ 4 Khz)	150° @ - 6 dB	150° @ - 6 dB	150° @ - 6 dB	150° @ - 6 dB
Cut diametre Ø	Ø 73	Ø 73	standard box	standard box
Grille	grille and fixing springs included		grille included	grille included

3" Loudspeakers

G19C/xx

Square 3" loudspeakers for wall mounting. To be assembled next to a traditional-sized control unit.

G19C/4
3" square wall loudspeaker. Wideband. 4 Ω

G19C/16
3" square wall loudspeaker. Wideband. 16 Ω

G19C/32
3" square wall loudspeaker. Wideband. 32 Ω

G21C/16
3" square wall loudspeaker. Standard. 16 Ω

Technical specifications	G19C/4	G19C/16	G19C/32	G21C/16
Dimensions (X x Y x Z)	91 x 98 x 45 mm	91 x 98 x 45 mm	91 x 98 x 45 mm	91 x 98 x 45 mm
Power (RMS)	6 W	6 W	6 W	2 W
Quality	wideband	wideband	wideband	standard
Impedance	4 Ω	16 Ω	32 Ω	16 Ω
Size	3''	3''	3''	3''
Frequency response (@ - 6 dB)	100 - 15.000 Hz	100 - 15.000 Hz	100 - 15.000 Hz	150 - 10.000 Hz
Sensitivity (@ 1 W, 1 m)	86 dB dB$_{SPL}$	86 dB dB$_{SPL}$	86 dB dB$_{SPL}$	84 dB dB$_{SPL}$
Coverage angle (@ 4 Khz)	120° @ - 6 dB	120° @ - 6 dB	120° @ - 6 dB	120° @ - 6 dB

Ø: Cut diameter

loudspeakers

3" Loudspeakers

Accessories for 3" loudspeakers

H21C/NE
H21C/NE

V15C

H21C/NE
3" Square (ABS) plastic grille. Colour: black

V15C
Linkable flush-mounting box. Dimensions: 91 X 98 X 45 mm

V16C
Preinstallation cover. Dimensions: 90 X 90 mm

V16C

5" loudspeakers

06022
5" Marine flush-mount loudspeaker with grille. Designed for marine applications. It resists the effects of salt water and humidity. 20 W 4 Ω, grille included, 2 ways, Hi-Fi

Technical specifications	06022
Dimensions (X x Y x Z)	150 x 150 x 46 mm
Power (RMS)	20 W
Quality	HI-FI
Impedance	4 Ω
Frequency response (@ - 6 dB)	87 - 20.000 Hz
Sensitivity (@ 1 W, 1 m)	88 dB$_{SPL}$
Coverage angle (@ 4 Khz)	90° @ - 6 dB
Cut diametre	Ø 123 mm

loudspeakers

Ø: Cut diameter

EGi

5" loudspeakers

06013
5" Marine loudspeaker for ceilings. 16 Ω 7 W

G14A/4
5" ceiling loudspeaker. Wideband. 4 Ω

G14A/16
5" ceiling loudspeaker. Wideband. 16 Ω

G14A/32
5" ceiling loudspeaker. Wideband. 32 Ω

G15A/4
5" ceiling loudspeaker. HI-FI 2 ways. 4 Ω

G16A/16
5" ceiling loudspeaker. Standard. 16 Ω
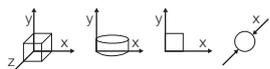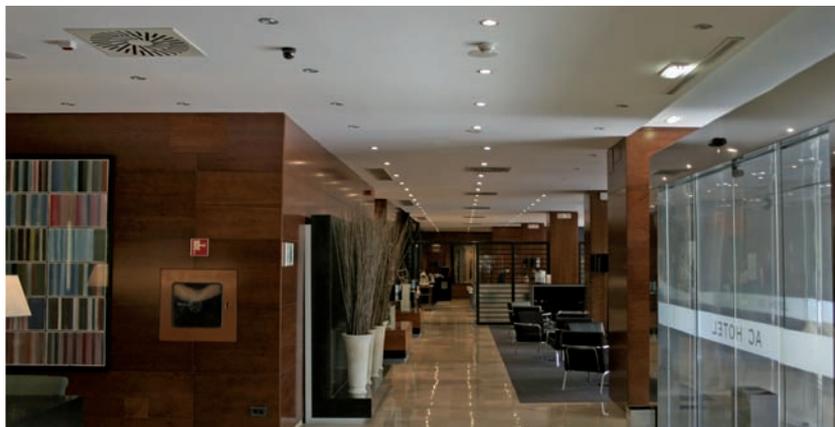
G14A/4   G15A/4
G14A/16   G16A/16
G14A/32

Technical specifications	06013	G14A/4 · G14A/16	G14A/32	G15A/4	G16A/16
Dimensions (X x Y x Z)	148 x 66 mm	148 x 66 mm	148 x 66 mm	148 x 66 mm	148 x 66 mm
Power (RMS)	7 W	6 W	6 W	20 W	2 W
Quality	wideband	wideband	wideband	HI-FI 2 ways	standard
Impedance	16 Ω	4 Ω / 16 Ω	32 Ω	4 Ω	16 Ω
Size	5''	5''	5''	5''	5''
Frequency response (@ - 6 dB)	84 - 16.500 Hz	50 - 11.000 Hz	50 - 11.000 Hz	50 - 20.000 Hz	120 - 10.000 Hz
Sensitivity (@ 1 W, 1 m)	92.7 dB$_{SPL}$	92 dB$_{SPL}$	92 dB$_{SPL}$	91 dB$_{SPL}$	88 dB$_{SPL}$
Coverage angle (@ 4 Khz)	100° @ - 6 dB	100° @ - 6 dB	100° @ - 6 dB	100° @ - 6 dB	100° @ - 6 dB

Accessories for 5" loudspeakers

0602.10
5" Circular plastic grille. Colour: white. 190 mm

0602.12
5" Circular plastic grille. Colour: black. 190 mm

0602.13
5" Circular plastic grille. Colour: silver. 190 mm

0602.25
5" Cromed stainless steel circular plastic grille. 190 mm

0602.26
5" Cromed matt nickel circular plastic grille. 90 mm

H18A.11
5" Circular metallic grille. Colour: matt white. 185 mm

H18A.14
5" Circular metallic grille. Colour: silver. 185 mm

0602.10   0602.12

0602.13

0602.25   0602.26

H18A.11   H18A.14

Ø: Cut diameter

5" loudspeakers

Accessories for 5" loudspeakers

0703
Adapter ring for 5" fitting boxes from other brands

0703

H13A/BA   H16A/BL

H17A/BL   W25N

H18A.11   H28N

H29N   V19A

V21A   V29A

W17N/BL   W17N/MA

H26N / H27N   W19N/BL

H11N
Kit to install 5" and 8" loudspeakers

H13A/BA
Flat circular plastic grille. Colour: white.

H16A/BL
5" Circular plastic grille. Colour: white.

H17A/BL
5" Square plastic grille. Colour: white.

W25N
Square surface-mount wooden supplement for 5" loudspeakers

H23B
Set of 2 adapters

H28N
Ring with springs

H29N
Bag of 10 springs
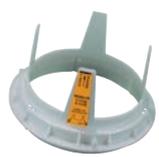
V19A
Open flush-mount box

V21A
Preinstallation cover

V29A
Closed flush-mount box

W17N/BL
Round hanging supplement for loudspeakers, using H23B frame. Colour: white

W17N/MA
Round hanging supplement for loudspeakers, using H23B frame. Colour: wood

H26N
Wooden baffle-box

H27N
Wooden baffle-box

W19N/BL
Square surface-mount supplement for 5" loudspeakers (H23B required). Colour: white

Ø: Cut diameter

5" wall-mount loudspeakers

G17F/16
5" wall-mount loudspeaker. Wideband. 16 Ω

G18F/16
5" wall-mount loudspeaker. Standard. 16 Ω

G17F/16   G18F/16

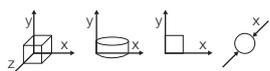| Technical specifications	G17F/16	G18F/16
Dimensions (X x Y x Z)	295 x 141 x 53 mm	295 x 141 x 53 mm
Power (RMS)	6 W	2 W
Quality	wideband	standard
Impedance	16 Ω	16 Ω
Size	5''	5''
Frequency response (a - 6 dB)	50 - 11.000 Hz	120 - 10.000 Hz
Sensitivity (@ 1 W, 1 m)	92 dB$_{SPL}$	88 dB$_{SPL}$
Coverage angle (a 4 Khz)	100° @ - 6 dB	100° @ - 6 dB

Accessories for 5" wall-mount loudspeakers

H19F/BL   H22F/NE

H19F/BL
5" Rectangular plastic grille. Colour: white

H22F/NE
Surface-mount box for 5" loudspeakers, rectangular

V11F
Flush-mounting box

V12F
Preinstallation cover

V11F   V12F

Ø: Cut diameter

8" loudspeakers

G11B/4
8" ceiling loudspeaker. Wideband. 4 Ω

G11B/16
8" ceiling loudspeaker. Wideband.16 Ω

G11B/32
8" ceiling loudspeaker. Wideband. 32 Ω

G12B/4
8" ceiling loudspeaker. HI-FI, 2 ways. 4 Ω

G11B/4   G11B/16
G11B/32   G12B/4

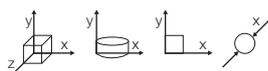| Technical specifications	G11B/4	G11B/16	G11B/32	G12B/4
Dimensions (X x Y x Z)	231 x 85 mm	231 x 85 mm	231 x 85 mm	231 x 85 mm
Power (RMS)	6 W	6 W	6 W	20 W
Quality	wideband	wideband	wideband	HI-FI 2 ways
Impedance	4 Ω	16 Ω	32 Ω	4 Ω
Size	8''	8''	8''	8''
Frequency response (@ - 6 dB)	40 - 11.000 Hz	40 - 11.000 Hz	40 - 11.000 Hz	38 - 20.000 Hz
Sensitivity (@ 1 W, 1 m)	93 dB$_{SPL}$	93 dB$_{SPL}$	93 dB$_{SPL}$	92 dB$_{SPL}$
Coverage angle (@ 4 Khz)	80° @ - 6 dB	80° @ - 6 dB	80° @ - 6 dB	80° @ - 6 dB

Accessories for 8" loudspeakers

0603.10   H12B/BL

0603.10
8" Circular plastic grille. Colour: snow white. Dimensions: 265 mm

H12B/BL
Circular plastic grille. Colour: white. Dimensions: 265 mm

H25B/BA
Flat circular plastic grille. Colour: alpine white. Dimensions: 265 mm

H25B/BA

Ø: Cut diameter

loudspeakers

H24B/BL
Flat square plastic grille. Colour: white

H26N
Wooden baffle box

H30N
Kit of 10 springs

V17B
Open flush-mounting box

H11N
Kit to install 5" and 8" loudspeakers

V18B
Preinstallation cover

H24B/BL   H26N

V17B   V18B

H11N

Hi-Fi Baffles

0605.04
Pair of bookshelf speakers. Hi-Fi, 2 ways. 10 W, 4 Ω. Wood finishing.
Natural sound

0605.16
Pair of bookshelf speakers. Hi-Fi, 2 ways. 10 W, 16 Ω. Wood finishing.
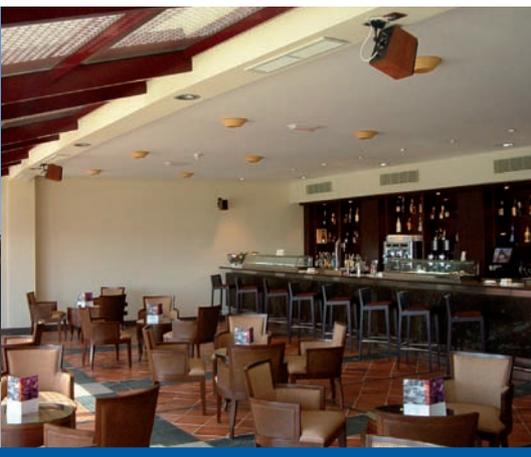Natural sound

0606.14
Rock speaker. 6 Ω. 40 W. IP 55. Colour: grey. Dimensions 330 x 280 x 250 mm

0606.15
Rock speaker. 6 Ω. 40 W. IP 55. Colour: brown. Dimensions 330 x 280 x 250 mm

0609.04
Extra-flat baffle pair. 40 W, 4 Ω. Colour: white

Technical specifications	0605.04	0605.16	0606.14	0606.15	0609.04
Dimensions (X x Y x Z)	120 x 210 x 220 mm	120 x 210 x 220 mm	-	-	185 x 275 x 38 mm
Power (RMS)	10 W	10 W	40 W	40 W	40 W
Quality	Hi-Fi, 2 ways	Hi-Fi, 2 ways	2 ways	2 ways	Hi-Fi, 2 ways
Impedance	4 Ω	16 Ω	6 Ω	6 Ω	4 Ω
Woofer / Tweeter	3'' / 1''	3'' / 1''	6,5'' / 1''	6,5'' / 1''	-
Frequency response (@ - 6 dB)	90 - 22.000 Hz	90 - 22.000 Hz	80 - 17.000 Hz	80 - 17.000 Hz	130 - 18.000 Hz
Sensitivity (@ 1 W, 1 m)	84 dB$_{SPL}$	84 dB$_{SPL}$	82.9 dB$_{SPL}$	82.9 dB$_{SPL}$	84.8 dB$_{SPL}$
Coverage angle (@ 4 Khz)	120° @ - 6 dB	120° @ - 6 dB	48° @ - 6 dB	48° @ - 6 dB	30° a 4kH; 104° a 2KH
Type of box	Bass Reflex	Bass Reflex	Closed	Closed	Closed

Ø: Cut diameter

loudspeakers

Hi-Fi Baffles

G22E/4

G22E/4
Hi-Fi Baffle pair. 2 Ways. 8 Ω

Technical specifications	G22E/4
Measures (X x Y x Z)	220 x 305 x 85 mm
Power (RMS)	50 W
Quality	HI-FI 2 ways
Impedance	8 Ω
Woofer / Tweeter	6'' / 1''
Frequency response (@ - 6 dB)	45 - 20.000 Hz
Sensitivity (@ 1 W, 1 m)	84 dB$_{SPL}$
Coverage angle (@ 4 Khz)	54° @ - 6 dB

06014
2-Way baffle pair with 3" midwoofer. 15W, 16 Ω. Fixing brackets included. Sensitivity: 87 dB with additional tweeter. Small-size loudspeaker. Colour: black

06015
2-Way baffle pair with 3" midwoofer. 15W, 16 Ω. Fixing brackets included. Sensitivity: 87 dB with additional tweeter. Small-size loudspeaker. Colour: white

06018
Baffle pair. Hi-Fi, 2 ways, 30 W, 16 Ω . 2-Way passive system. Selectable 100V and low impedance. Shielded loudspeaker system, PTC treble loudspeaker protection. Small-size loudspeaker. Colour: black

06019
2-Way Hi-Fi baffle pair. 30 W, 4 Ω. 2-Way passive system. Shielded loudspeaker system. PTC to protect treble loudspeaker. Front metallic protection grille. Horizontal or vertical use. Colour: Black

New   New   for100 V and low impedance   New   New

Technical specifications	06014	06015	06018	06019
Dimensions (X x Y x Z)	102 x 160 x 95 mm	102 x 160 x 95 mm	150 x 226 x 16 mm	150 x 226 x 16 mm
Power (RMS)	15 W	15 W	30 W	30 W
Quality	Hi-Fi, 2 ways	Hi-Fi, 2 ways	Hi-Fi, 2 ways	Hi-Fi, 2 ways
Impedance	16 Ω	16 Ω	16 Ω	4 Ω
Woofer	3"	3"	5"	5''
Tweeter	1/4"	1/4"	1/4''	1/4''
Frequency response (@ - 6 dB)	150 - 20.000 Hz	150 - 20.000 Hz	78 - 21.000 Hz	80 - 21.000 Hz
Sensitivity (@ 1 W, 1 m)	88.7 dB$_{SPL}$	88.7 dB$_{SPL}$	89 dB$_{SPL}$	89 dB SPL
Coverage angle (@ 4 Khz)	100° @ - 6 dB	100° @ - 6 dB	75@ - 6 dB	75° @ - 6 dB
Type of box	Closed	Closed	Closed	Closed
Weight	0,525 Kg	0,525 Kg	1,7 Kg	1,6 Kg
IP Grade	-	-	IP44	-

Ø: Cut diameter

loudspeakers
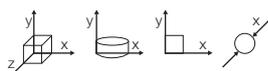
Accessories for baffles and Hi-Fi columns

Q13N

Q13N
Pair of articulated swivel-joint supports

Q14N
Pair of fixed attachments to hang G23/N or G24/N baffles

V22E
Pair of flush-mount frames for G22E baffles

TM106I
100/70/50 V Line transformer with 80/40/20 W power points. 8 Ω

Q14N   V22E

Sound projectors

0604.01
Sound projector. 4 Ω. High performance. 95 dB @ 1 W/1 m.
Coverage angle: 36° @ - 6 dB. 20 W.IP 54

0604.02
Sound projector. 16 Ω. High performance. 95 dB @ 1 W/1 m.
Coverage angle: 36° @ - 6 dB. 20 W. IP 54

0604.01 · 0604.02

Technical specifications	0604.01	0604.02
Dimensions (X x Y x Z)	255 x 240 x 245 mm	
Nominal power	20 W	
Impedance	4 Ω	16 Ω
Sensitivity (@ 1 W, 1 m)	95 + 1 - 0,5 dB$_{SPL}$	
Coverage angle (@ 4 Khz)	40° @ - 6 dB	
IP Grade	IP54	
Frequency response	128 - 12.800 Hz	

Ø: Cut diameter

100 V Line loudspeakers

Ceiling loudspeakers

G11B/T6
8" Ceiling loudspeaker. 100 V line (1, 3, 6 W).

Flush-mounting box ref V17B and grille ref 0603.10 are not included

G14A/T6
5" Ceiling loudspeaker. 100 V line (1, 3, 6 W). High performance.

Flush-mounting box ref V17B and grille ref 0603.10 are not included

06021
5" Standard loudspeaker. 6 W. High performance.

Metallic grille supplied. White ring and fixing brackets to fix the loudspeaker into the ceiling included.

New

| Technical specifications	G11B/T6	G14A/T6	06021
Dimensions (X x Y x Z)	230 x 230 x 140 mm	148 x 148 x 110 mm	196 x 196 x 80 mm
Power (RMS)	6, 3, 1 Adjustable Watts	6, 3, 1 Adjustable Watts	6, 3 W
Impedance	100 V	100 V	100 V
Woofer	8"	5"	5"
Frequency response (@ -6dB)	120 - 11.000 Hz	120 - 11.000 Hz	115 - 9.000 Hz
Sensitivity (@ 1W, 1m)	93 dB$_{SPL}$	92 dB$_{SPL}$	93 dB$_{SPL}$
Coverage angle (@ 4kHz)	80° @ - 6dB	100° @ - 6dB	100@ - 6 dB
Weight	0,97 Kg	0,7 Kg	0,84 Kg

Sound projectors

0604.03
Sound projector. 4 Ω. High performance. 95 dB @ 1 W/1 m.
Coverage angle: 36° @ - 6 dB. 20 W. IP 54

0604.03

Technical specifications	0604.03
Dimensions (X x Y x Z)	255 x 240 x 245 mm
Nominal power	5 - 10 - 20 W
Adjustable power	5 - 10 - 20
Transformer inputs	100 V
No Loudspeakers	1
Frequency response	120 - 12.800 Hz
Coverage angle (@ 2 Khz)	36°
Acoustic pressure (PNom/1m)	108 dB$_{SPL}$
IP Grade	IP 54
Weight	

Ø: Cut diameter

EGi
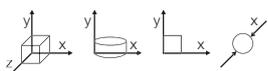
loudspeakers

100 V Line and low impedance baffles

06016
2-Way baffle with 3" midwoofer and 100 V transformer. 15W.
Sensitivity: 86.3$_{SPL}$ dB with additional tweeter.
Fixing brackets included. Small-size loudspeaker. Colour: black.

06017
2-Way baffle with 3" midwoofer and 100 V transformer. 15W.
Sensitivity: 86.3 dB$_{SPL}$ with additional tweeter. Fixing brackets included.
Small-size loudspeaker. Colour: white.

06018
Baffle pair. Hi-Fi, 2 ways, 30 W, 16 Ω . 2-Way passive system. Selectable 100V
and low impedance. Shielded loudspeaker system, PTC treble loudspeaker
protection. Small-size loudspeaker. Colour: black

Technical specifications	06016	06017	06018
Dimensions (X x Y x Z)	102 x 160 x 95 mm	102 x 160 x 95 mm	150 x 226 x 16 mm
Nominal power	115 W	15 W	30 W
Adjustable power	15 - 10 - 5 - 2,5 - 1,5 W	15 - 10 - 5 - 2,5 - 1,5 W	30 - 20 - 10 - 5 - 2.5 W
Transformer inputs	100 V	100 V	100 V
Impedance	8 Ω	8 Ω	16 Ω
No Loudspeakers	3'' Wf + 1/4'' Tw	3'' Wf + 1/4'' Tw	5" Wf + 1/4" Tw
Frequency response	160 - 20.000 Hz	160 - 20.000 Hz	78 - 21.000 Hz
Coverage angle (@ 2 Khz)	115		
Acoustic pressure (PNom/1m)	88.7 dB$_{SPL}$	88.7 dB$_{SPL}$	104 dB$_{SPL}$
Weight	0,950 Kg	0,950 Kg	1,7 Kg
IP Grade	IP44	IP44	IP44

Ø: Cut diameter

loudspeakers

Sound & Lighting

Flush-mounting

Sonylux is a two-in-one concept that allows the innovative integration of Hi-Fi sound and lighting in only one device, improving the overall look of the ceiling and reducing installation time and costs for public or private use.

70001
Light fitting for fluorescent lamp 2 x 26 W, with built-in 10W, 16 W loudspeaker

70002
Light fitting for fluorescent lamp 2 x 26 W, with built-in 10W, 100V loudspeaker

70003
Light fitting for fluorescent lamp 2 x 26W, with built-in 10W active loudspeaker

70004
Light fitting for fluorescent lamp 2 x 26W, with built-in 10W active loudspeaker

70001 · 70002
70003 · 70004

Technical specifications	
Power consumed by the light fitting	2 x 26 W
Sound power	10 W (RMS)
Audio input	16 Ω, 100 V or autoamplified @ 48 V⎓
Sound pressure level @ (1 W / 1 m)	85,2 dB$_{SPL}$
Maximum sound pressure level (10 W / 1 m)	95 dB$_{SPL}$
Coverage angle	-6 dB@ 20º 8 KHz; 25º 4 KHz; 30º 2 KHz
Maximum ambient temperature for a correct operation	55ºC

Surface mounting

70005   70006

70005
Round ceiling sound projector designed for surface mounting, 16 Ω 2 W

70006
Round ceiling light projector designed for surface mounting, 50 W

70007   70008

70007
Round ceiling sound projector designed for surface mounting with movable baseplate, 16 Ω 2 W

70008
Round ceiling light projector designed for surface mounting with movable baseplate, 50 W

70009   70010

70009
Square ceiling sound projector for surface mounting, 16 Ω 2 W
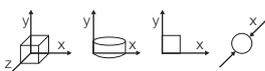
70010
Square ceiling light projector for surface mounting, 50 W

70011   70012

70011
Square ceiling sound projector for surface mounting with movable baseplate, 16 Ω 2 W

70012
Square ceiling light projector for surface mounting with movable baseplate, 50 W

Ø: Cut diameter

loudspeakers

EGi

SONYLUX

Surface mounting

70013

70013 / 70014
16 Ω Round ceiling sound projector (2 W) and lamp (50 W) for wall mounting

Technical specifications

Lampholder GU10
Lamp type Fluorescent 2 x 26 W)
Nominal power (audio) 2W (RMS)
Impedance 16 Ω
Sensitivity 85,2 dB$_{SPL}$
Maximum power 95 dB$_{SPL}$
Dimensions (X x Y x Z) 70 x 285 x 100 mm

70015 / 70016
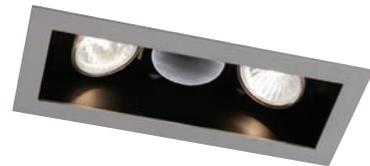2'' Loudspeaker for Ø 50 mm luminaires. 20 Ω, 4 W. Colour: white or chrome

Technical specifications

Sensitivity (@ 1W, 1m) 85 dB$_{SPL}$ +/- 1.5 dB$_{SPL}$
Frequency response (@ -6dB) 250 - 17.000Hz
Impedance 20Ω, +/- 15%
Resonance frequency 250Hz, +/- 15%
Power 4 W (RMS)
Dimensions Ø 50mm x 27mm (height)
Negative/positive terminal strip included

Examples of installations

702XA Light fiftting + 1 pc. GU5.3 lamp
+ 1 pc. 70015 or 70016 loudspaeaker

703XA Light fiftting + 2 pcs. GU5.3 lamp
+ 1 pc. 70015 or 70016 loudspaeaker

70017
4'' Loudspeaker for luminaires with G53 HMG-111 lamps. 20 Ω, 7 W

Technical specifications

Sensitivity (@ 1W, 1m in the axis) 85 dB$_{SPL}$ +/- 1.5 dB$_{SPL}$
Frequency response (@ -6dB) 230 - 18.000 Hz
Impedance 20Ω, +/- 15%
Power 7 W (RMS)
Dimensions Ø 110,05 mm x 85 mm (height)
Security towline for easier installation included

Examples of installations

3724 Light fiftting 2 pcs. G-53 lamp
+2 pcs. 70017 loudspeaker

3741 Light fiftting + 1 pc.
70017 loudspeaker

3743 Light fiftting +2 pcs. G-53
lamp +1 pc. 70017 loudspeaker

37111 Light fiftting
+ 1 pc. 70017
loudspeaker