tecnare sound systems

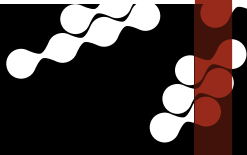tecnare

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IBIZA ONE Series

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sound systems

IBZA**10**

IBIZA ONE Series is the ultimate reference for dance clubs environments. A combination of high-end audio, sound quality, stunning aesthetics, extreme sound pressure level and reliability.

IBIZA ONE is a family of self-powered DSP networking loudspeaker systems, engineered for dance environments, where high-output, low-distortion, and the highest quality sound are required.

It offers unbeatable audio performance, advanced Pcc technology features including networking and software control on each speaker. **IBIZA ONE Series** are synonymous with exceptional sound quality and reliability, designed for the most discerning DJ and audio systems contractor.

PCC Technology transforms a standard powered speaker into an active device, namely a PCC speaker, controlled with a small laptop via software. A standard PCC speaker houses one or more module amps and a DSP processor. Allz these PCC speakers are linked by a network through a USB interface to the laptop.

Once connected, we can control in real time the parameters of each speaker such as volume, graphic equalisation, parametric equalisation, crossover, internal delays, compressor-limiters, check test, save and recall of presets, mute, transfer spectrum analysis, r.t.a. spectrum control, phase check, and more!

Consisting of ten models, and suitable for portable or fixed installation dance sound reinforcement applications, the **IBIZA ONE Series** has set the standard for professional disco loudspeaker systems.
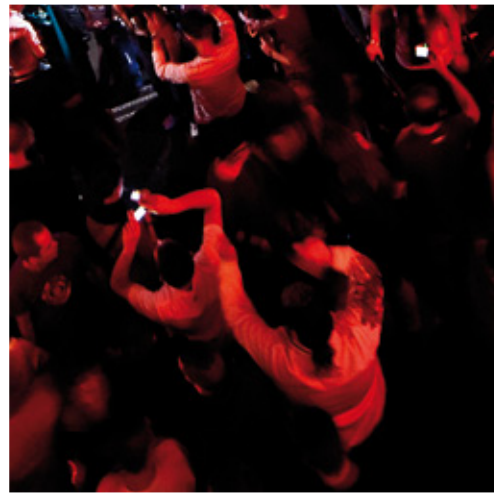
P**204** / IBZA**6** / IBZA**10** / IBZA**15**
Megadisco / IBZA**1561** / SW**118**H
SW**115** / SW**12**MiniSub
SW**215** / SW**218**SB

IBIZA ONE
Series

Photo Model / **IBZA15**

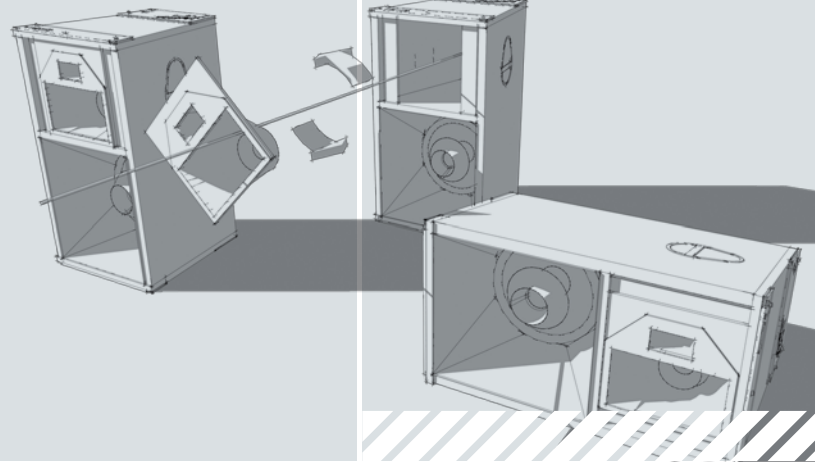Photo Model / **IBZA P204**

Photo Model / **IBZA1561**

Photo Model / **SW12 MiniSub**

APPLICATIONS

Dance clubs.
Theatre and corporate events.
Houses of Worship.
Touring.
Live music venues.

IBZA**10**

IBIZA ONE Series

The **IBZA10** is a trapezoidal compact full range loudspeaker, which houses a long excursion 10" and high frequency 1 inch compression driver. It has a highly extended bass performance for such a small volume, with a well-balanced mid and high section. This two-way system is designed for applications where high output is required from a compact enclosure. It has been designed for use as stand-alone full-range speaker or together with a passive sub woofer (E.G. the **SW115**).

The horn can be rotated through 90° in order to swap the horizontal and vertical dispersion patterns.

The box houses multiple internal rigging points for ground-support, truss and wall mounting, pole mount socket, and Speakon NL4 connectors.

The enclosure has been made with the latest techniques ensuring a perfect and rigid construction.

Weatherized finish is provided, as the cabinet is coated with rugged Durawound texture finish and protected with specially grills.

The system's choice can be passive (**IBZA10**), and self-powered with remote PC control (**IBZA10 PCC**).

IBZA10 PCC is self-powered with two way amplification and controlled with a DSP built inside, (**PCC Original** or **PCC Advanced Series**), with ten fully parametric eqs, delay, crossover points, compressors, gain controls, 30 band eq, phase response alignment circuitry, etc.

With the mouse of a small laptop, the sound engineer can vary, in real time, any of the parameters on each of the speakers. After starting **TECNARE** software, the system will identify the speakers connected to the net, showing them in the network window of the program. It is only necessary to choose the speaker to be managed, and four different windows will be available for the sound engineer to control everything.

The program allows the storage of as many presets as desired, which can be loaded at any time, four of them without using the software, but only clicking on the rear panel.

In this way the operation's sound systems become much more flexible. A lot of patching is avoided reducing rack controls drastically. At the same time, equalization, crossovering, limiting, delay etc of each box no longer have to be the same, without the hieroglyphic needed to do that in a conventional way with a complex installation.

The system incorporates as standard a very powerful audio analyzer. The sound engineer can check the system's response, on spectrum or transfer mode, while modifying any of the various audio controls available on the system. It also incorporates a set-up screen, with an audio generator, markers for a delay measurement, and vu-meters.

Impulse response, phase response and polar plot analysis are also available.

IBZA**10**
ENGINEERING
SPECIFICATIONS

Frequency Response: 56 Hz – 18 kHz ±4dB, measured on axys.

Nominal Dispersion: 70°H x 50°V@-6db points. Rotatable horn allows swap of horizontal and vertical pattern.

Impedance: 8 Ohm.

Sensitivity: 97 dB (1w/1m).

Calculated Max Spl: 123 dB continuous /129 dB peak.

Power Handling:
#360 W nominal.
*650 W continuos.

Dimensions (HxWxD): 500x303x320 mm.

Net Weight: 20 kg selfpowered Pcc version.

Components: 1x10" LF driver, 1x1" HF driver on a rotatable exponential horn.

Construction:
16mm birch plywood. Finished in black semi-matt textured Durawound weatherized coating. One recessed carrying handle.

Grille:
Powder coated perforated steel with acoustically transparent reticulated foam.

 # 2 hours test made with continuous pink. noise signal (6 dB crest factor).
* Power calculated on rated minimum impedance.
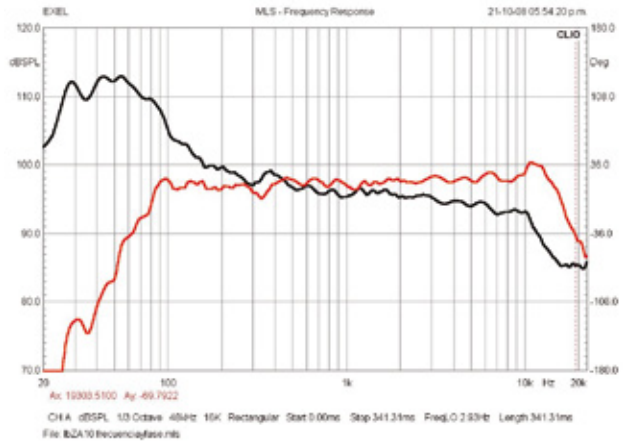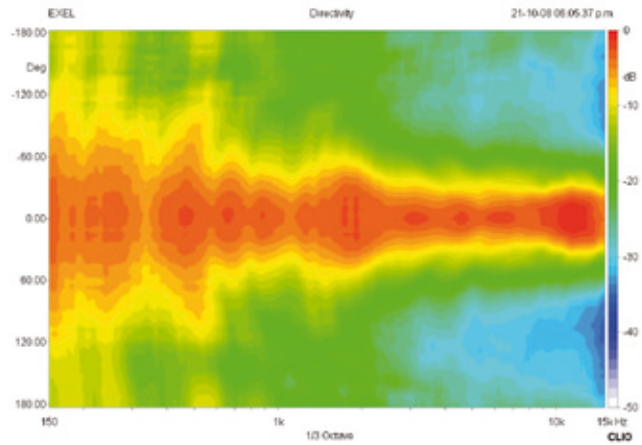** Power on Continuous Program is defined as 3 dB greater than the nominal rating.*

IBZA**10**
DATASHEET

IBIZA ONE Series

FREQUENCY
RESPONSE &
MINIMUM
PHASE

HORIZONTAL
COVERAGE
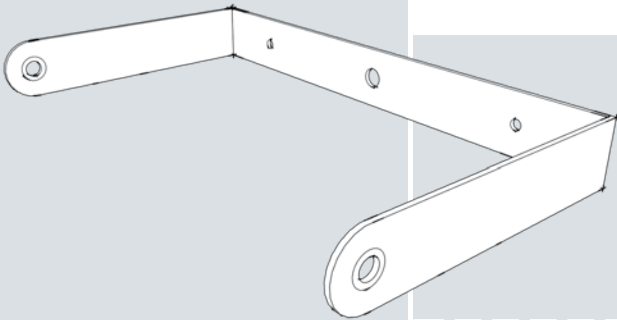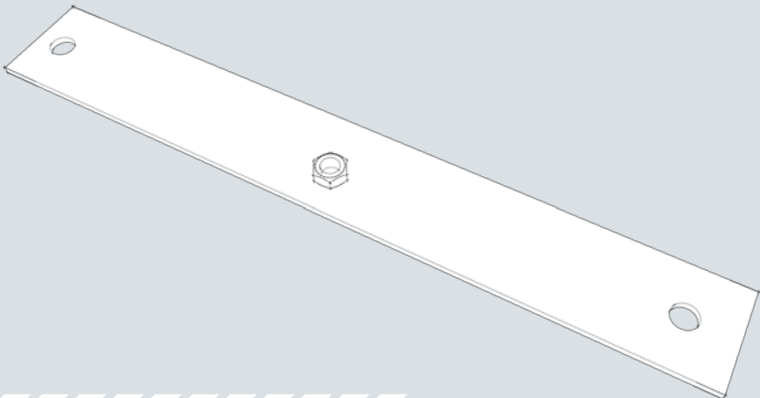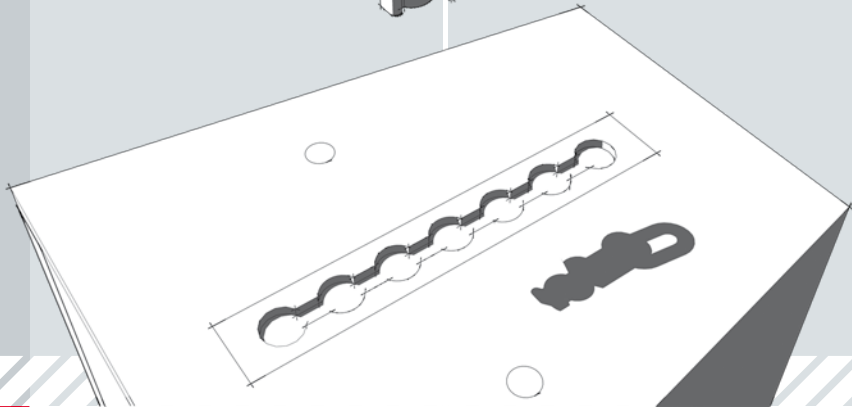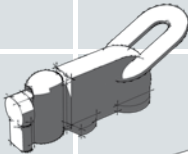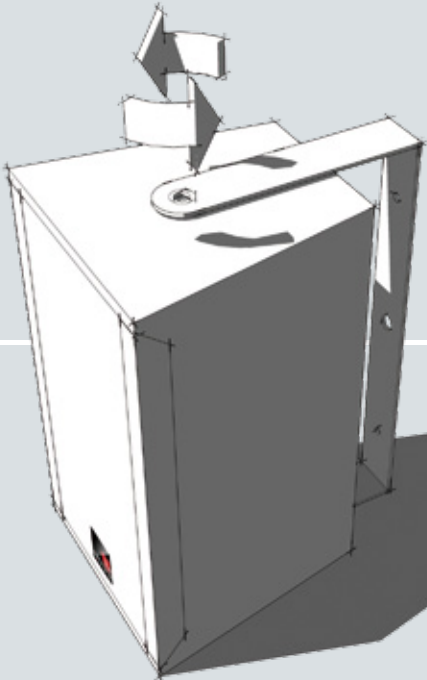
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L-IBZA10

LP-IBZA10

IBZA**10**
INSTALLATIONDIAGRAMS

IBZA10

MA2400

IBZA10

SW115

DPA 28X

Audio input
L
R

To PC

MA800

4x IBZA10
1x SW115
1x MA2400
1x MA800
1x DPA 28X

— Sub
— R
— L

- MA800 in bridge mode
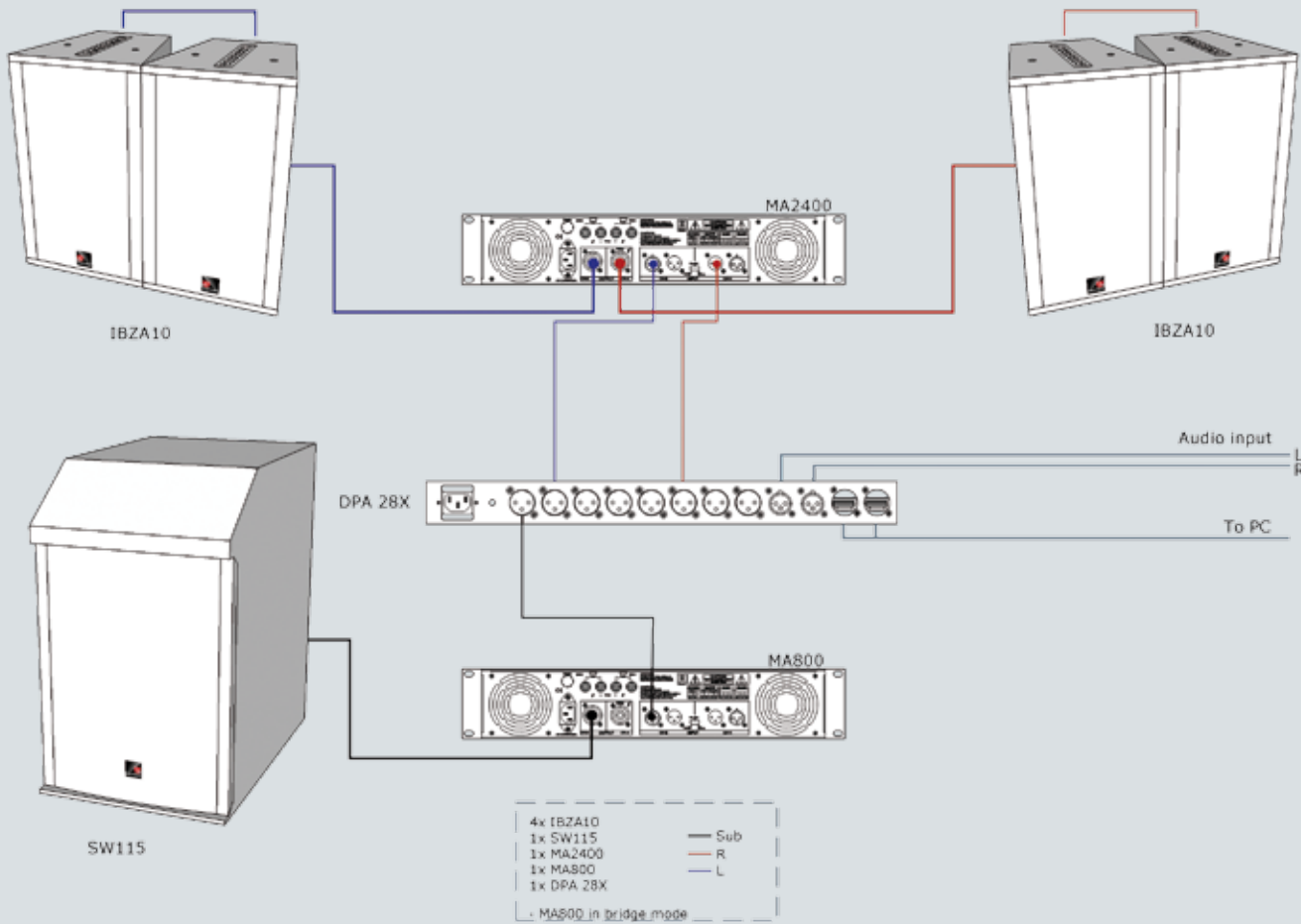
4 IBZA10 + 1 SW115

4 IBZA10 + 2 SW12Minisub

MA2400

IBZA10

IBZA10

Audio input
L
R

DPA 28X

To PC

MA2400

SW12MiniSub

SW12MiniSub

4x IBZA10
2x SW12MiniSub
2x MA2400
1x DPA 28X

Sub
R
L
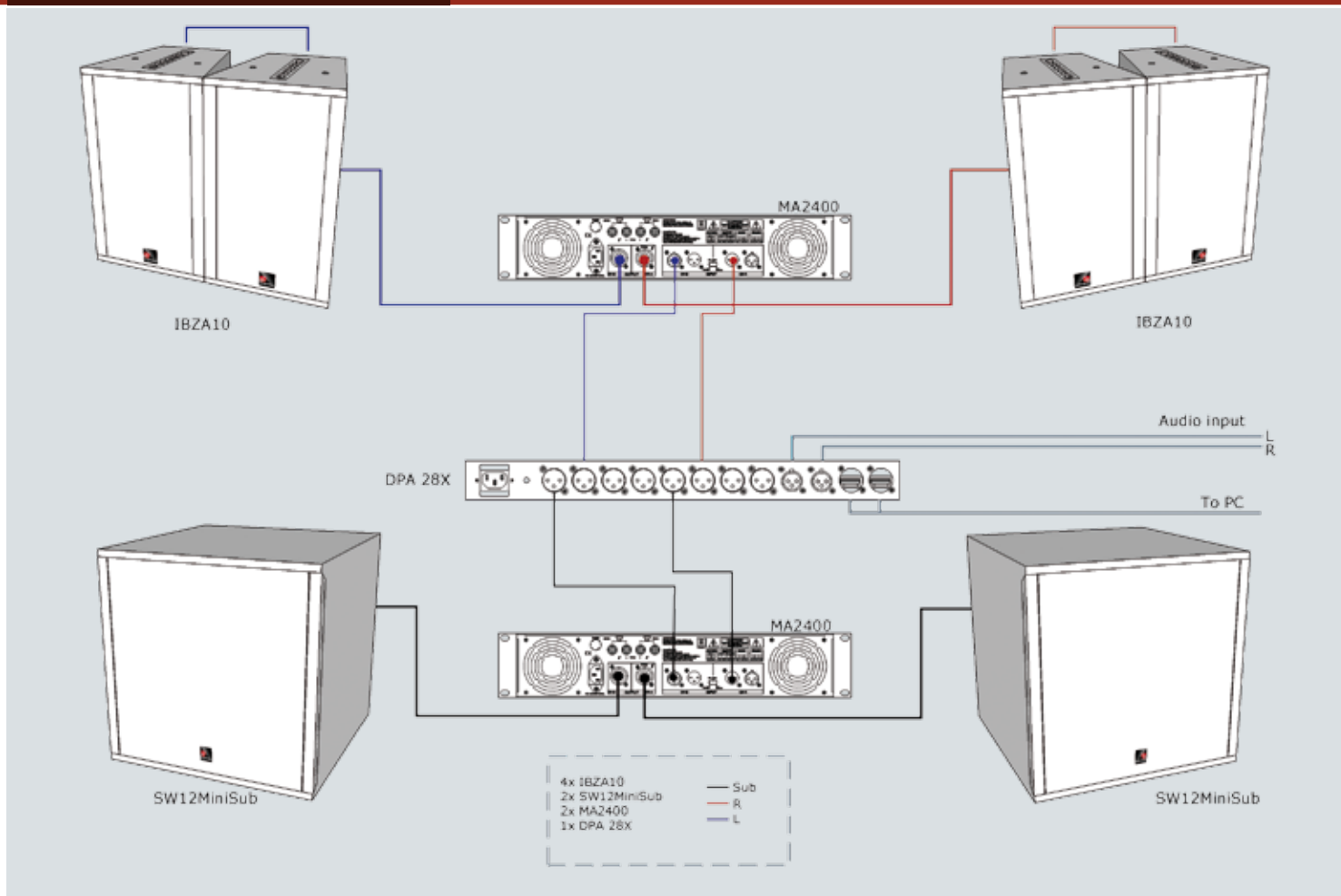
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Reinuenting The Rules

tecnare sound systems

IBZA**10 PCC**
SOFTWARECONTROL

PCC Technology is the future in the evolution of the concept of sound reinforcement, based on the application of computer digital management advantages to professional audio reinforcements.

With this revolutionary technique the entire concept of the speaker box is completely replaced by the idea that each loudspeaker, from a line array to a small monitor, changes to be an active device, namely a PCC speaker, controlled with a small laptop via software.

A standard PCC speaker houses one or more module amps and a DSP processor. All these PCC speakers are linked by a network through a USB interface to the laptop, or wireless via Bluetooth.

Once connected, we can control in real time the parameters of each speaker indiviually or grouped as we decide, factors such as volume, graphic equalisation, parametric equalisation, crossover, box delay, clock settings, internal delays, compressor-limiters, check test, save and recall of presets, mute, transfer spectrum analysis, r.t.a. spectrum control, phase check, and more!

Cant you imagine, when working with a line array system, adjusting differently the array elements used for downfill to the ones used on top of the line, ONLY with the help of a small laptop?

And what about also controlling your monitors using ONLY a small laptop... while on the same screen a very powerful audio tool is monitoring the audio response? Using this technology, you can forget about racks, eqs, crossovers, patches, etc.. That is all in the past!

ORIGINAL Series

- Input graphic eq.
- Input parametric eq (10 bands).
- 4 band crossover.
- Gain control.
- Mute control.
- Check test.
- Buit in Analyzer (impulse, transfer, rta, etc).
- Real time control.
- Presets storage in the PC.
- Grouping.
- Acoustic center control, between bands.
- Compressor / limiter in each band.

COBRANET Series

- Cobranet protocol.
- Input graphic eq.
- Parametric eq on each band (4 x 6 bands).
- General Delay.
- 4 band crossover.
- Gain control.
- Mute control.
- Check test.
- Buit in Analyzer.
- Real time control.
- Presets storage in the PC.
- Grouping.
- Acoustic center control, between bands.
- Compressor / limiter in each band.

ADVANCED Series

- Ethernet control.
- 10 built in presets without the use of the software.
- Unlimited presets storage in the PC.
- Input graphic eq.
- Parametric eq on each band (4 x 8 bands).
- General Delay.
- 4 band crossover.
- Gain control.
- Mute control.
- Check test.
- Buit in Analyzer.
- Real time control.
- Presets storage in the PC.
- Grouping.
- Acoustic center control, between bands.
- Compressor / limiter in each output band.
- Input compressor / limiter.
- Clock set.

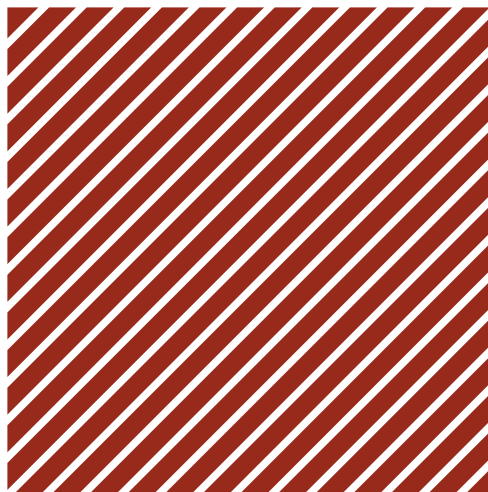Matrix, Parametric Equalizer, Graphic Equalizer, Crossover, Network, Response & Analyzer Screens.
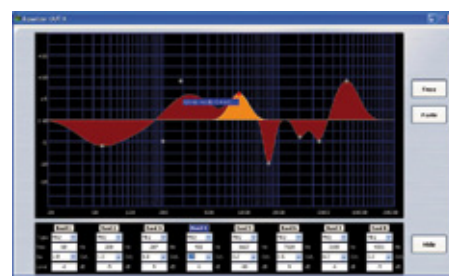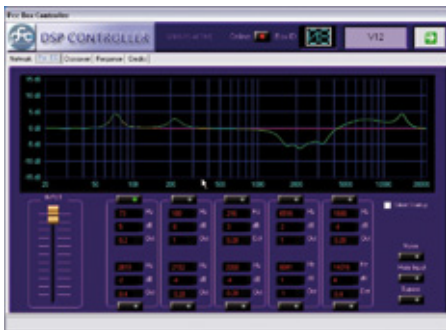
tecnare sound systems

IBZA10
by
IBIZA ONE Series

tecnare
sound systems

tecnare
sound systems

pfG
technology

Is a™ designed and
manufactured in Spain by

EXEL
exclusivas electroacústicas s.a.