

BROADCAST Series

Self powered 2 way bi-amplified low distortion ultra compact monitor speaker

Audio-Performance Broadcast EUROS

The EUROS active monitor speaker is a high precision device with excellent efficiency, low distortion providing a very precise stereo imaging.

The EUROS has been designed from the TRACIOS Series using the same active technologies. The unit contains the drivers (LF: 5" long excursion and HF: 1" dome tweeter), two class A/B power amplifiers with very low THD and IM distortion values, a DSP (Digital Signal Processing) that gives an ultra-accurate crossover and amplitude response. An optimized FIR filter (Finite Impulse Response) ensures a quasi-perfect transient response and time alignment for an amazing soundstage.

The enclosure is black, white or any RAL (on option) epoxy painted and fitted with M8 screws on top and bottom and on each side.

The front of the speaker is protected by a perforated metal grill and covered inside with a charcoal grey foam.

The mounting system includes four M8 fasteners (top/bottom & sides) AP-C or U-SB2 bracket for wall or ceiling mount.

Magnetic shielding is a standard feature in the EUROS Series.

Each model is equipped with a "soft start / stop" device allowing a noise free power On / Off of the unit and an auto mute circuit that switches off the amplifiers in absence of input signal.

A bi-colour front LED shows the status of the monitor: operating-green, overload-red. Sensitivity is adjustable to -10dB, 0dB, +4dB.

Symmetrical input and output (loop) are available at the rear via Neutrik XLR connectors.

IDEAL FOR

A/V Production
Near Field
Monitoring
Final on air
Mastering Control
Sound Effects
Spotting
Multi Media

Special Features

high efficiency

low distortion

precise stereo imaging

electronically controlled

FIR Filtering

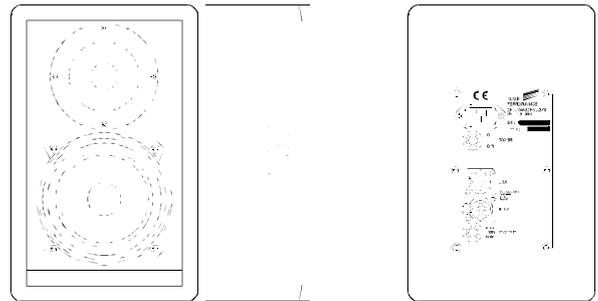


BROADCAST Series

Broadcast Euros Specifications

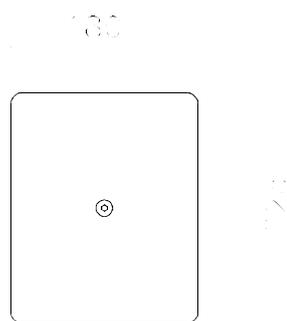
Acoustical

| | |
|--------------------------------|----------------------------------|
| Frequency response (1) | 70-20'000 Hz ± 3dB |
| Max. peak SPL (2) | 113dB |
| Power amplifiers | LO: 60W - HI: 60W |
| Crossover frequency (3) | 3500Hz (active), 24dB per octave |



Transducers

| | |
|--------------------------|---------------------------------------------------------------------|
| LO section | 5 inch, long excursion, low distortion cone driver |
| HI section | 1inch dome tweeter, fabric diaphragm loaded with horn |
| Nominal impedance | electronically balanced 10K Ohms |
| Connectors | IN/OUT (loop): Neutrik XLR 3 pin (1: GND, 2: positive, 3: negative) |
| Others | power 3-pin IEC male receptacle 230V 100VA 115V on request |



Mechanical

| | |
|---------------------------------|--------------------------------------------------------------------------------------------------------|
| Cabinet | 6 litres, vented enclosure |
| Mounting system | four M8 fasteners, top, bottom & sides for AP-C or U-SB2 bracket |
| Finish | rounded edges and corners, the outer surface is hard-wearing painted (black, white or any RAL colour). |
| Cabinet size (W x H x D) | 180 x 290 x 225mm |
| Weight | 5.5 kg |

