

### **BROADCAST Series**

Self-Powered high output 2Way bi-amplified low distortion compact monitor speaker

### **Audio-Performance ZEPHIROS**

The ZEPHIROS active monitor speaker is a high precision device with an exceptional efficiency, low distortion, extended LF frequency response, providing a very precise stereo imaging.

The unit contains the drivers (LF: 2 x 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 four M8 fasteners (top/bottom) for AP U-SB or C-SB bracket (wall mounting) or U-SBS (stand mounting).

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. Sensitivity is adjustable to -10dB, 0dB, & +4dB.

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)

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



# **Special Features**

very high efficiency

low distortion

extended LF response curve

FIR Filtering



#### **BRODCAST Series**

# **ZEPHIROS Specifications**

#### **Acoustical**

frequency response (1)  $55-20'000~Hz~\pm 3dB$  max. peak SPL (2) 119dB

#### power amplifiers

LO section: 120W HI section: 60W crossover frequency (3) 3500Hz (active), 24dB per octave

#### Transducers and electrical

#### LO section

2 x 5", long excursion, low distortion cone driver  ${f HI}$  section

1" dome tweeter,

fabric diaphragm loaded with horn

#### system nominal impedance

electronically balanced 10 kOhms

#### 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 shape

rectangular

#### mounting system

four M8 fasteners (top/bottom) for AP U-SB or C-SB bracket (wall mounting) or U-SBS (stand mounting)

#### 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)

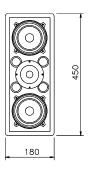
180 x 450 x 225mm

#### weight

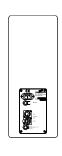
14 kg

## **Options**

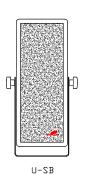
SUB ETZ active dedicated 8" band-pass subwoofer U-SB, C-SB or U-SBS bracket

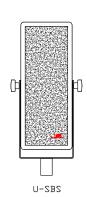


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