

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) 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

BROADCAST 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

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

