

Product description

Ultra compact system

SB, 2-way passive system

The SB loudspeaker is a compact device designed to perform in a wide range of public address and sound reinforcement applications. It is a 2Way passive system, consisting of two proprietary 5-inch low frequency driver and one 1-inch high frequency dome tweeter loaded with a 60x60° horn, housed in a vented enclosure.

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. On the back, two Speakon connectors allow easy parallel connection. The front of the speaker is protected by a perforated metal grill and inside covered with charcoal grey foam.

The SB loudspeaker is designed to operate with the P212 SB-E processor, unit which contains speaker sense, drivers protection, amplitude and phase response alignment circuitry, optimized for this loudspeaker.

The P212 SB-E processor allows the loudspeaker to be operated at full capacity with maximum fidelity and reliability.

The P212 SB-E is a two channels processor with an optional SUB board controller for low frequency reproduction with the AP range of subwoofer's.



IDEAL FOR

Theatres
Radios, TV
Clubs, Discos
Restaurants, Bars
Conference rooms
Churches, Stadiums
Sound Effects
Multi Media

Special Features

high efficiency low
distortion electronically
controlled

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Acoustical specifications

frequency response
55-20'000 Hz \pm 3dB

sensitivity (full space)
92 dB/W@1m

max. SPL
113 dB cont. 119 dB peak

power handling
continuous : 80Wpeak : 200W

crossover frequency
3500Hz, 24dB per octave

Transducers description and electrical data

LO section
2 x 5", long excursion, low distortion cone driver

HI section
1" dome tweeter,
fabric diaphragm loaded with horn

system nominal impedance
4 or 16 Ohms

connectors
IN / OUT (loop): Neutrik SPEKON NL4MP
1+, 1-
2+, 2-, linked

Mechanical data

cabinet
10 liters, vented

mounting system
four fasteners M8 screws (top/bottom & sides) AP-U-SB (vertical), C-SB (horizontal) or U-SBS (speaker stand) brackets.

finish
rounded edges and corners, the outer surface is hard-wearing painted (black, white or any RAL colour) front metal grill.

cabinet size (W x H x D)
180 x 450 x 210mm

weight
7 kg

Options

AP-C-SB, U-SB or U-SBS brackets
RAL colour
Magnetic shielding