



SM124-P

Compact Active Stage Monitor

Application:

Stage monitor PA systems, creation of additional sound field for the singer orientation at the concerts, satellite in two-way PA systems.



Portable series

- 12" LF speaker LAVOCE Italiana with ferrite magnet

- 1" HF driver B&C SPEAKERS

- Maximum Output 123 dB SPL

- Frequency Range 68 Hz–19 kHz

- Coverage 90°H x 60°V

- Ability be used as a satellite in subwoofer-satellite PA systems

- Flange for Installation to the Speaker Stand

- Built-in Class D amplifier (350 W) with Analog Input Signal Processing Unit

- Amplifier overload, short-circuit, thermal, optoelectronic Clip-limiter, high frequency and DC output protection

- Detachable power cord

SM124-P is an active professional stage monitor, based on 12" LF speaker (LAVOCE ITALIANA) and 1" HF driver (B&C SPEAKERS). Compact stage monitor has power handling 300 W and frequency range from 68 Hz to 19 kHz.

The class D amplifier (350W) is installed on insulated compartment into rear

The amplifier is equipped with overload, short-circuit and thermal protection, high frequency and DC output protection. The amplifier has switching power supply and forced cooling system with smoothly variable intensity

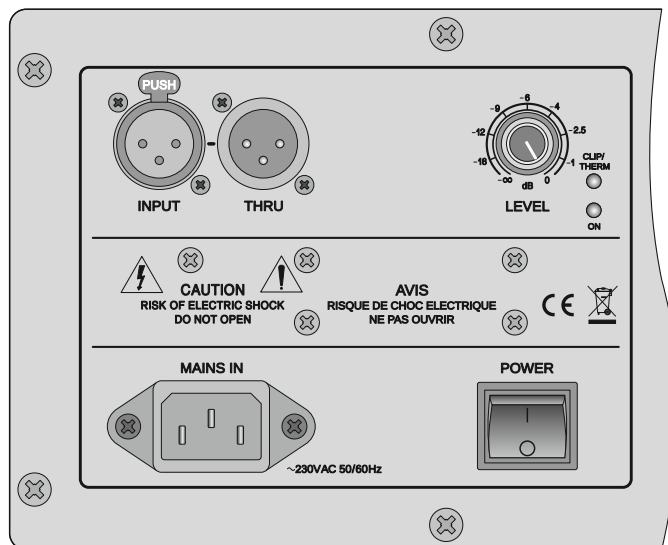
The stage monitor acoustic design - bass reflex.

The cabinet is made of 15 mm birch plywood with black water-polymer coating (other colours available). The front panel of the loudspeaker is covered with a decorative steel grid with powder coating. Additional protection against moisture is provided by acoustically transparent foam, glued to the inner surface of the grid.

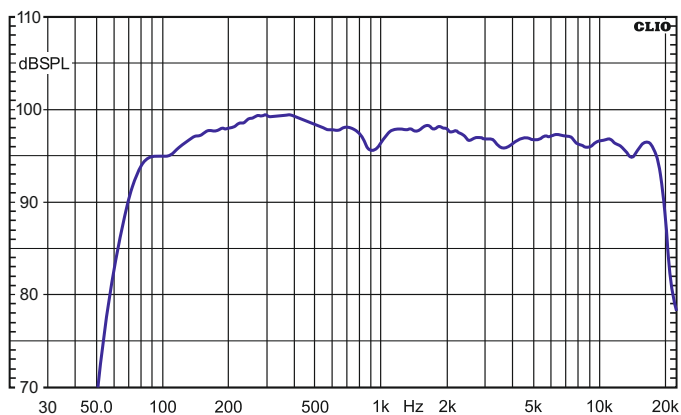
Two ergonomic handles are located on the sides; the original design provides convenient carrying by one or two people.

The stand flange (35 mm) for installing to the speaker stand is located on the side wall. This allow to use loudspeaker as a satellite.

The amplifier input unit has line XLR input, line XLR output, connected in parallel to input, and signal level control.



LOUDSPEAKER FREQUENCY RESPONSE



(measured using CLIO Fw11)

TECHNICAL DATA

Loudspeaker

Configuration

Active two-way loudspeaker.

Acoustic Design

Trapezoidal housing, bass reflex.

LF Driver:

12"dia LAVOCE Italiana, voice coil 2.5"

HF Driver:

1"dia B&C SPEAKERS, voice coil 1"

Specifications

Power Handling (nominal)	300W
Power Handling (continuous)	600W
Frequency Range	65Hz– 19kHz
Coverage	90°H x 60°V
Maximum Output SPL (full space)	123dB/1 m*
Weight	17 kg
Dimensions :	
– width	550 mm
– height	350 mm
– depth	378 mm

Built-in Power Amplifier

Power Rating (RMS)	350 W, class D
Sensistivity	775 mV
Input impedance	10kOhms
Signal-to-Noise Ratio	98 dB (unweighted)
Input/Line Output	XLR/XLR
Cooling	forced**
Power Requirements	~220/230V, 50/60Hz

Note.

* Maximum output SPL indicated. For comparison purposes and in accordance with common industry practice, maximum SPL specifications are calculations based upon transducer sensitivity, amplifier output voltage and speaker impedance.

