

LY-D15 FULLRANGE MATRIX LOUDSPEAKER

Description

LYD-15 treble is a 2-way multi-functional full range loudspeaker system with customized treble from Italy and 1.5" throat neodymium magnetic compression drive unit. The SPL is up to (MAX SPL) 139dB and the frequency response is up to 500Hz-20000Hz. The woofer is 15" customized bass units originally imported from Italy and with frequency response up to 50Hz-4000Hz. As using special paper cone and cooling holes designed, the sound is more elastic, and gravelly. The loudspeaker can play its own role, with flexible installation and collocation mode that when multiple loudspeakers are used in a form, the LY-D series performance can be achieved, which results in continuous uniform wave front and similar dispersion patterns generated by various frequencies.

Features

Treble driver: The HF compression drive unit uses the most high-end neodymium magnetic horn unit, B&C customized originally imported from European. The diaphragm is made of PU and Ti, which is elaborate and make the sound sweet, delicate and soft.

Bass Unit: Using B&C international customized and imported loudspeaker unit, unique magnetic circuit design, faster cooling medium, and with double-side moisture-proof gluing paper cone, which makes the LF sound full and soft with jus.

Horn: The most advanced CFRP made by mold process. The sound phase and sound diffusion are designed by French acoustics research.

PARAMETERS

Frequency Response: LF/50Hz-4000Hz HF/500Hz-20000Hz

Rated Power: LF/600W(AES) HF/70W(AES)

Impedance: 8 ohms

Dispersion HxV: Down 20°*Up 40°

Sensitivity: LF/ 97dB(1W&1M) HF/ 109dB(1W&1M)

SPL: 139dB

Crossover Frequency: Active crossover

Connectors: 2*Neutrik™ NL4MP LF/2+2-;HF/1+1-

Enclosure Materials: 18mm marine-grade Plywood

Enclosure Paint: Polyurea paint

Rigging: LY-D15 parts

Dimensions: 440mm*810mm*640mm(W*H*D)

Weight: 44.45kg

