

HL 4045-WP

LONG THROW THREE WAY SYSTEM



DESCRIPTION

The HL 4045 WP is a three-way bi-amp full range loudspeaker system that incorporates 2 x 15" woofer, 2 x 10" midranges and a 2 x 1.4" throat, 4.0" titanium dome compression driver for long throw applications.

The system provides very high output and accurate voice and sound reproduction. The system is equipped with the latest generation of RCF precision transducers, all of them with powerful neodymium motors.

The internal passive filter provides crossover and equalization between the midranges and the compression drivers.

The system, driven in bi-amped mode, is capable of producing a Max SPL of 133 dB (LF) and 145 (MHF).

The system handles 1000 Watts AES (LF) + 900 Watt AES (MHF).

The loudspeaker enclosure shape is trapezoidal and coupling angle of 15°.

The horizontal coverage is 45° and the vertical coverage is 15° maximum (depending on installation coupling angles between modules).

A heavy duty, waterproof barrier strip provides connections.

The grille is in epoxy coated heavy-duty steel with open-cell fibers and water repellent woven fabric backing.

The cabinet is made of multi-ply Baltic birch plywood. The finishing is a waterproof, textured, polyurea coating.

MAIN APPLICATIONS

- Permanent Installations
- Outdoor installations
- Sound Reinforcement in large areas
- Flown Clusters
- Stadia
- Arena theaters

MAIN FEATURES

- Flyable array-able three-way system
- Horn Loaded 15° x 45°
- Symmetric design
- Fully equipped with neodymium transducers
- Bi-amp system (LF + MHF)
- Waterproof

ACOUSTICAL SPECIFICATIONS

Frequency Range (-10 dB): 43 Hz - 18 KHz

Frequency Resp. (+/- 3dB): 59 Hz - 13 KHz

Max SPL: LF 133 dB | MID/ HF 145 dB

Horizontal coverage angle: 45

Vertical coverage angle: 15

Low-Frequency driver: 2 x LF15N351 380mm (15 in) driver with 86mm (3,5 in) voice coil

Nominal Impedance: 8 ohms

Sensitivity: 97 dB SPL (1W/1m)

System power rating: AES 500W (2000 W peak), 2 hrs

Mid-Frequency driver: 2 x MR10N301 260mm (10 in) driver with 76mm (3,0 in) voice coil

Nominal Impedance: 8 ohms

Sensitivity: 112 dB SPL (1W/1m)

System power rating: AES 500W (2000 W peak), 2 hrs

High-Frequency driver: 2 x ND940 35.5 mm (1.4 in) driver with 100mm (4.0 in) voice coil

Nominal Impedance: 16 ohms

Sensitivity: 110 dB SPL (1W/1m)

System power rating: AES 280W (1120 W peak), 2 hrs

Mid-HF:

Nominal Impedance: 8 ohms

Sensitivity: 111 dB SPL (1W/1m)

System power rating: AES 900 W (3600 W peak), 2 hrs

PHYSICAL

Height: 520 mm (20.4")

Width: 1380 mm (54.33")

Depth: 810 mm (31.88")

Weight: 107 kg (238.9 lbs)

Cabinet: baltic birch plywood

Hardware: 16 x M20 (side)
8 x M20 (top and bottom)

Colour: Black

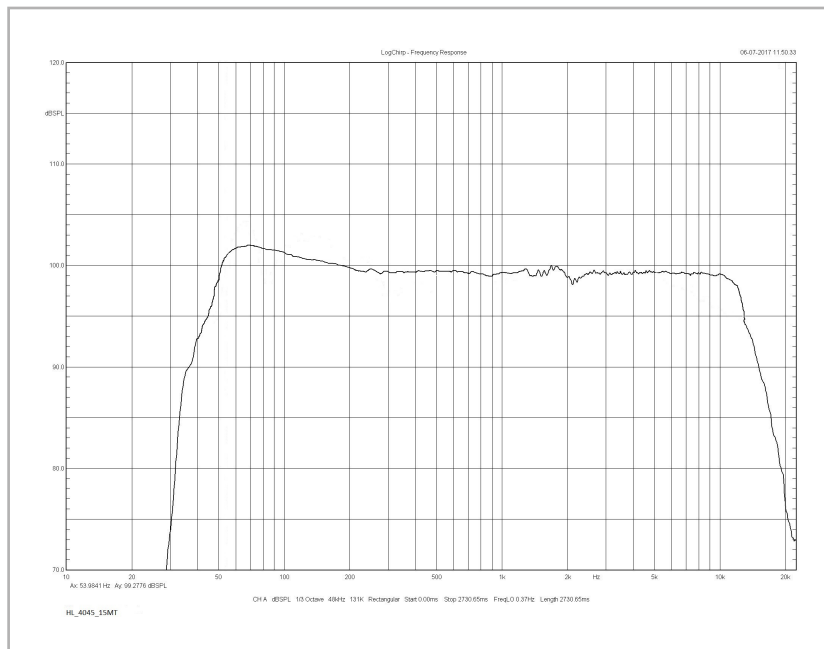


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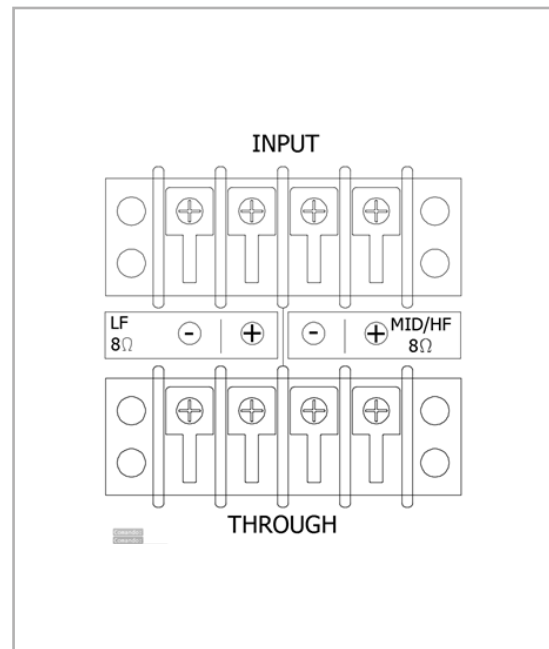
PART NUMBER

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FREQUENCY RESPONSE



INPUT/TRHOUGH PANEL



DIMENSIONS (All data are in mm)

