

H15

15" 2-Way Passive Point Source Loudspeaker

FEATURES

- 1 x 15" low-frequency driver, 1 x 3" high-frequency compression driver.
- 133dB Max SPL (Peak).
- Rotatable horn with 90° (H) x 60° (V) coverage angles.
- Frequency Response of 40Hz - 18Hz (± 3 dB).
- Robust wooden enclosure finished with black polyurea paint.

APPLICATIONS

- Small to medium scale theatres.
- Small to medium scale live music venues.
- Corporate AV events.
- Fixed installations in concert halls and Houses of Worship.
- Live sound reinforcement.



DESCRIPTION

The H15 is a passive point source loudspeaker that comprises a single 15" LF driver alongside a 3" high-frequency compression driver. The LF driver cone is engineered to effectively suppress distortion caused by vibration and deformation caused in high power conditions by utilising an advanced carbon fibre cone. The H15 also features a composite carbon fibre diaphragm tweeter. The system provides a maximum SPL of 133dB (Peak) and a frequency response from 40Hz - 18kHz (± 3 dB).

The H15 has a rotatable horn with 90° (H) x 60° (V) coverage angles.

Flexible mounting options include 12 x M8 mounting points plus a dual pole-mount socket with tilt options 0° and -10 °for further versatility.

The enclosure is composed of robust plywood with extensive internal bracing to eliminate vibrational modes. The H15 is finished with hard-wearing black polyurea paint and fitted with a hexagonal mesh steel grille with acoustic foam backing.



Specifications

| Specifications | |
|---------------------------|---|
| System type | 15" 2-way Point Source Loudspeaker |
| Frequency Response | 40Hz - 18kHz (± 3 dB) |
| | 28Hz - 20kHz (-10dB) |
| Horizontal Coverage Angle | 90° (Rotatable) |
| Vertical Coverage Angle | 60° (Rotatable) |
| Power Rating | 650W Continuous, 2600W Peak |
| Maximum SPL | 129dB Continuous, 133dB Peak |
| Sensitivity | 101dB (1W@1m) |
| Nominal Impedance | 8 Ω |
| Speaker | |
| LF Driver | 1 x 15" low-frequency driver |
| HF Driver | 1 x 3" high-frequency compression driver |
| Enclosure | |
| Cabinet | Robust all wood construction. |
| Finish | Hard wearing black polyurea paint. |
| Grille | Hexagonal mesh black perforated steel with acoustic foam backing. |
| Fittings | 2 x Side handles, dual pole-mount socket (0° and -10°), mounting points |
| Mounting Points | 12 x M8 (3 on top, 4 on sides, 2 on rear, 3 on base). |
| Connect | |
| Connectors | 2 x Speakon NL4 |
| Pin Connections (Input) | 1+/- |
| Pin Connections (Link) | 1+/- and 2+/- |
| Dimensions (H/W/D) | 720 x 440 x 400mm |
| Weight | 30kg |

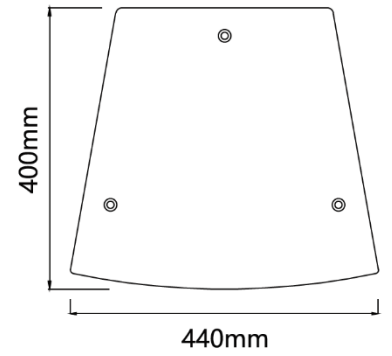
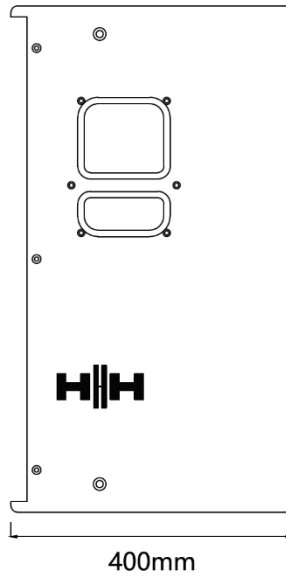
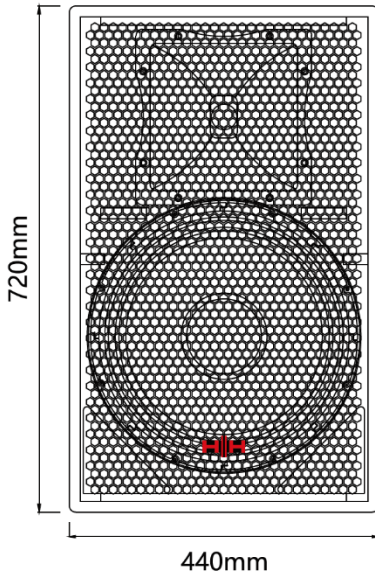




Passive Loudspeakers

ROYAL
S E R I E S
Royal Series Point Source Loudspeaker

DIMENSIONS



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