

HQ 15EN

EN54-24 CERTIFIED ROBUST HIGH SPL HORN LOUDSPEAKER

The HQ 15 EN is an improved plastic horn speaker designed for voice-critical applications. It delivers extremely high sound pressure levels and a powerful midrange frequency response, ensuring excellent speech intelligibility. Suitable for indoor and outdoor environments, it includes a U-shaped mounting bracket for secure installation. The unit is compliant with the EN54-24 standard.



AMC 2017 - 04
Revision 2019-03-20
EN54-24:2008
1438-CPR-0550
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TYPE B
DOP No.: AMC-1613

Technical Specifications	HQ 15EN
Rated power	15 W
Transformer power taps	15 W - 7.5 W
Transformer impedance	666 Ω - 1.3 k Ω
Sensitivity	89 dB (1 W / 4 m)
Maximum SPL	100 dB (Pmax / 4 m)
Frequency response	380 Hz - 10 kHz
Dispersion at 500 Hz (1 W / 4 m)	360° (H), 360° (V)
Dispersion at 1000 Hz (1 W / 4 m)	150° (H), 135° (V)
Dispersion at 2000 Hz (1 W / 4 m)	83° (H), 64° (V)
Dispersion at 4000 Hz (1 W / 4 m)	40° (H), 41° (V)
Protections	IP 66
Dimensions	222 mm x 232 mm x 162 mm
Weight	1.42 kg
Material	ABC plastic, U type steel bracket
Colour	White (RAL 9016)

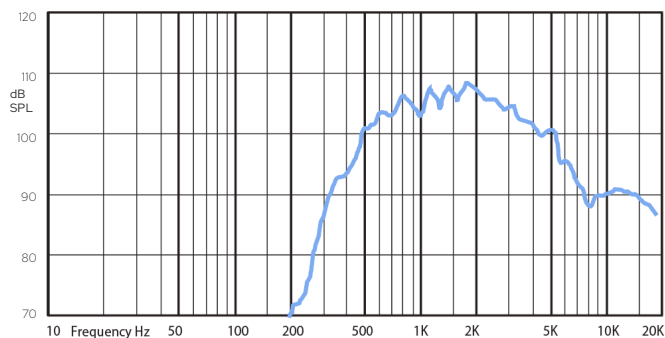
* Active Equalizer Applied: YES. All SPL tests are performed in a anechoic chamber.

630 Hz	800 Hz	5000 Hz	6300 Hz	8000 Hz	10000 Hz
+8 dB	+3 dB	+3 dB	+3 dB	+12 dB	+6 dB

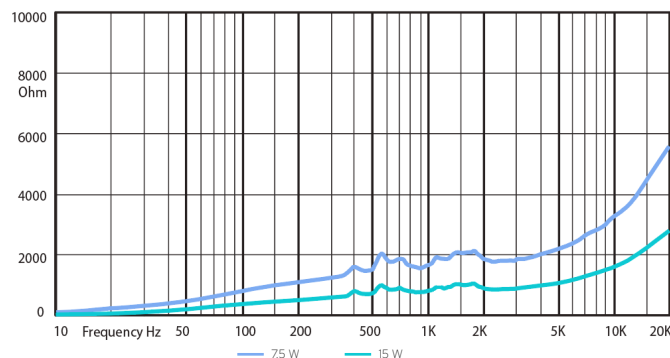
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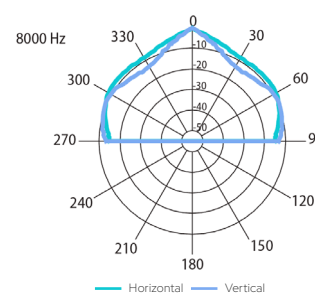
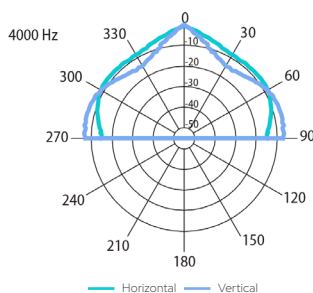
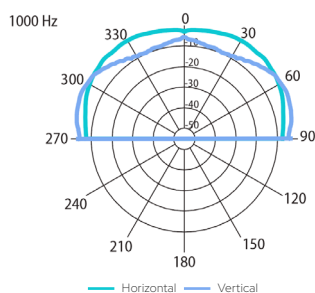
Frequency response



Impedance



Horizontal/vertical polar diagrams



Dimensions

