

Loudspeakers

Cuboid 12

Two-way, full range, passive, 12" loudspeaker



Optimal Audio

FEATURES

- Wooden cabinet
- Portrait or landscape mounting options
- Rotatable high-frequency horn
- 62Hz - 20kHz frequency response ± 3 dB
- Maximum SPL 123dB (continuous), 129dB (peak)
- 80° horizontal x 50° vertical coverage

Cuboid 12 is a full range, two-way, passive, 12" loudspeaker designed to perform. For applications requiring that extra power and performance, it effortlessly delivers rich and detailed sound with punch and precision.

With its wooden cabinet, steel grille and optional mounting hardware the professionally presented Cuboid 12 can be fixed in either portrait or landscape mode for a flexible, simple installation.

Cuboid 12 features a 12" (300mm) low frequency (LF) driver for added bass and midband with a 1" (25mm) exit high frequency (HF) compression driver for clarity of vocal and high frequency projection. The HF section delivers consistent coverage in either plane from a user-rotatable horn.

When coupled with the Zone series, a ZonePad and the WebApp makes setting up a system and end user control simple and intuitive.



APPLICATIONS



Bars/
Restaurants



Wedding
Venues



Hotels



Education
Facilities



Houses of
Worship



Fitness Studios



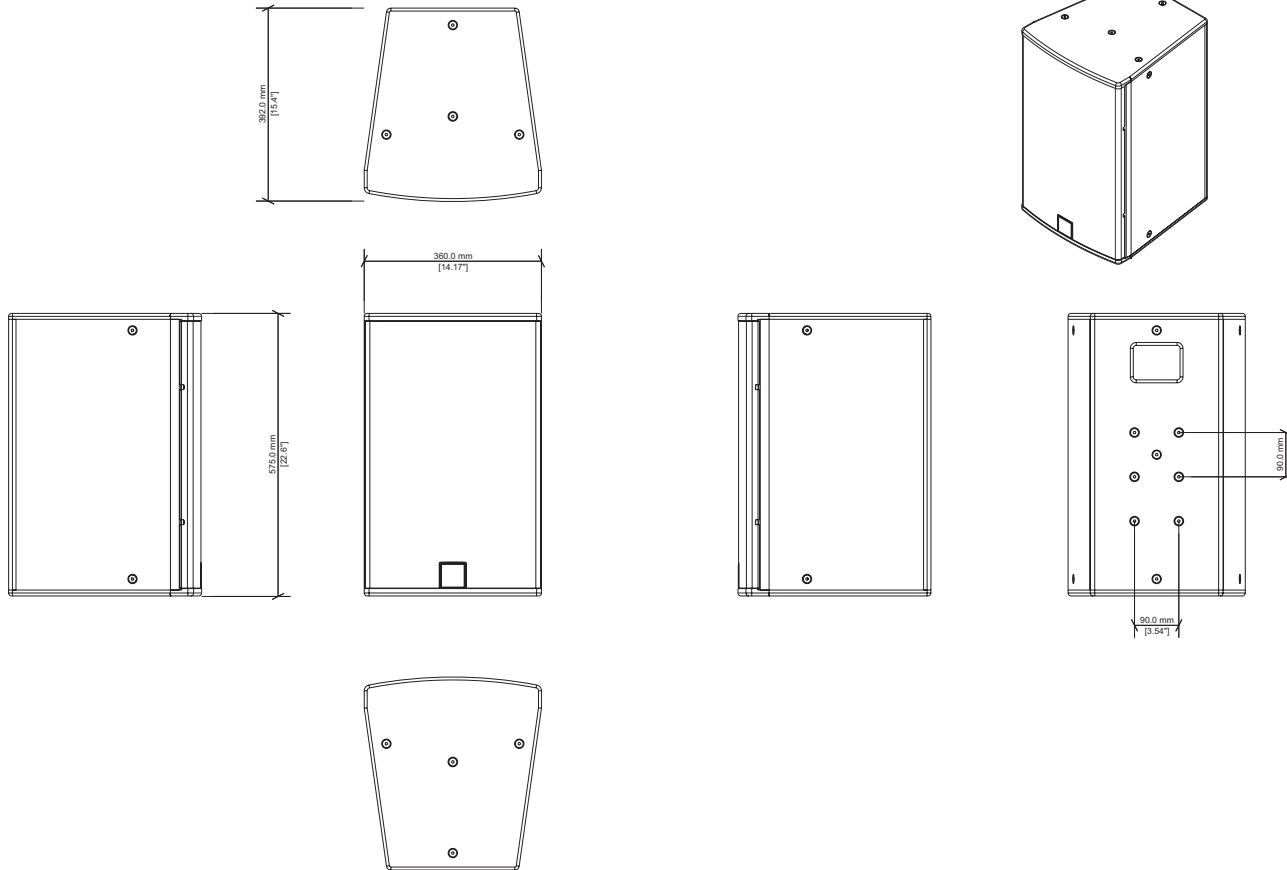
Loudspeakers

Cuboid 12

Two-way, full range, passive, 12" loudspeaker



Optimal Audio



SPECIFICATIONS

TYPE	Two-way, full range, passive loudspeaker
FREQUENCY RESPONSE (with preset)	62Hz - 20kHz \pm 3dB -10dB @ 47Hz
DRIVERS	LF: 12" (300mm), ferrite motor system HF: 1" (25mm) exit/1.4" (36mm) voice coil, polyimide dome compression driver
RATED POWER	300W (AES) 1200W (peak)
NOMINAL IMPEDANCE	8 Ω
SENSITIVITY (1W/1m)	98dB
MAXIMUM SPL	123dB (cont), 129dB (peak)
CROSSOVER	2.5kHz passive
DISPERSION (-6dB)	80° H x 50° V (user-rotatable)
ENCLOSURE	Trapezoid wooden cabinet
FINISH	Black textured paint
PROTECTIVE GRILLE	Black perforated steel with scrim cloth backing
CONNECTORS	2x NL4 type
PIN CONNECTIONS (INPUT)	1+/1-
FITTINGS	21 x M8, inset bolts
DIMENSIONS	(W) 360mm x (H) 575mm x (D) 392mm (W) 14.17" x (H) 22.64" x (D) 15.43"
WEIGHT	20kg (44.09lbs)
ACCESSORIES (available separately)	Wall Bracket B, U Bracket C, M8 Eye Bolt
RECOMMENDED SUB	Sub 15



Textured
Paint Finish



Weight

optimal-audio.co.uk

© 2022. Optimal Audio Group Ltd.