

Loudspeakers

Cuboid 3TX

Two-way, full range, passive, 3" loudspeaker with transformer



Optimal Audio

FEATURES

- Discreet size, high performance
- Portrait or landscape mounting options
- Wall bracket included
- Max SPL 98dB (continuous) 104dB (peak)
- 130° horizontal x 120° vertical coverage
- IP54 for outdoor use with accessory terminal cover
- 8 ohm or 70/100V line operation

Cuboid 3TX is a full range, two way, passive 3" loudspeaker designed to give exceptional sound quality in a very small form factor, for distributed applications with high quality background music and speech reproduction.

With its attractive design and included mounting hardware, Cuboid 3TX can be fixed in either portrait or landscape orientation for simple and flexible installation. A weatherproof terminal cover is available for outdoor use, bringing the rating to IP54.

Cuboid 3TX features a 3.5" low frequency driver and a 0.5" PEI dome high frequency driver mated to a shallow wave guide for consistent HF distribution.

Each Cuboid 3TX can be run on a series of 70 or 100V taps or at low impedance. Tap selection is via a rotary switch on the rear of the cabinet.

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



Product shown with terminal cover accessory – sold separately.

APPLICATIONS



Cafes



Bars/
Restaurants



Retail



Wedding
Venues



Hotels



Education
Facilities



Houses of
Worship



Corporate
Offices



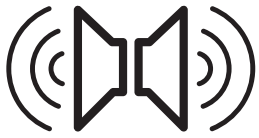
Museums



Fitness Studios



Residential



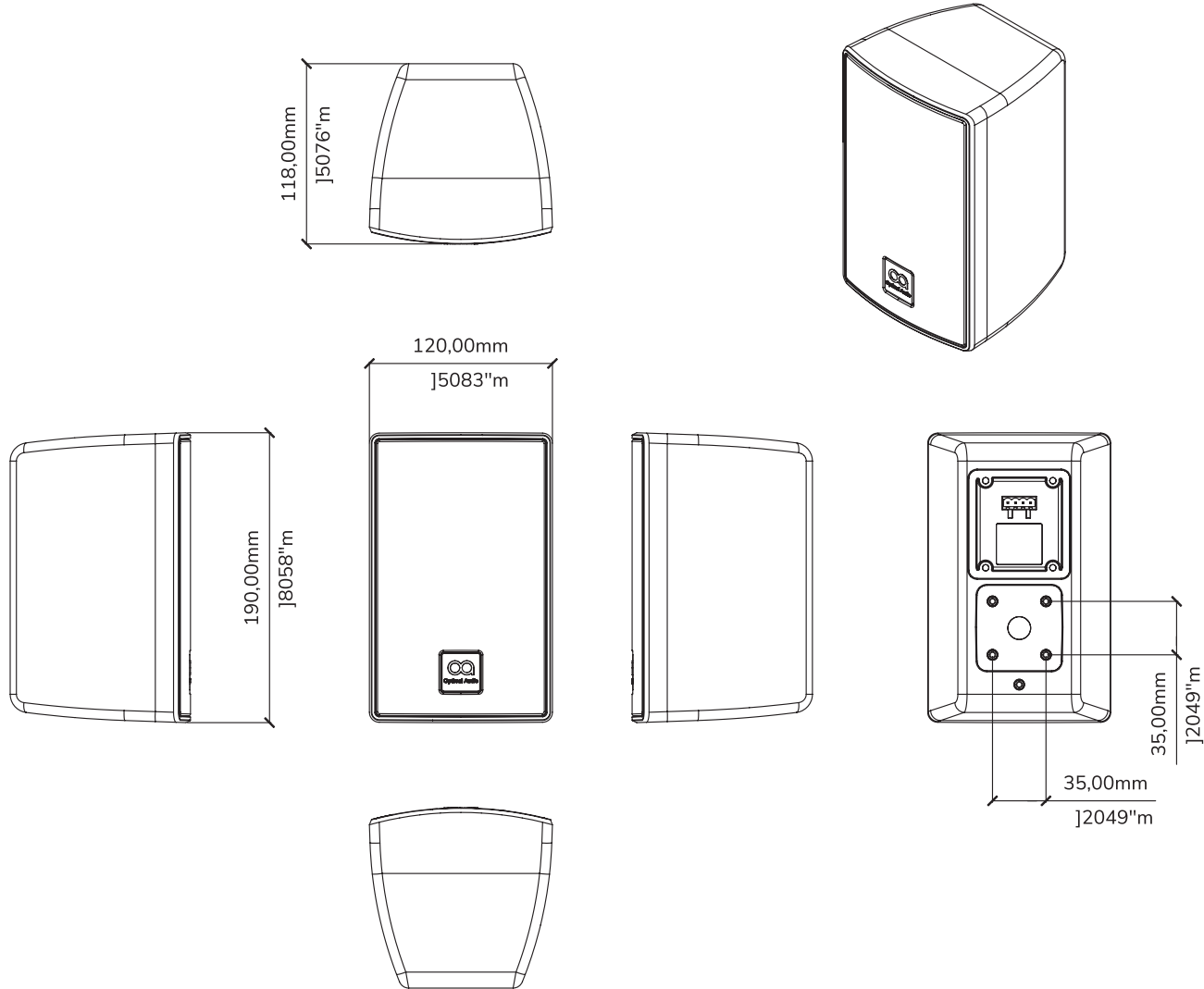
Loudspeakers

Cuboid 3TX

Two-way, full range, passive, 3" loudspeaker with transformer



Optimal Audio



SPECIFICATIONS

TYPE	Two-way, full range, passive 3" loudspeaker with transformer
FREQUENCY RESPONSE (when used with preset)	125Hz - 20kHz +/-3dB, -10dB @ 80Hz
DRIVERS	LF: 3.5"(90mm) coated paper, ferrite motor system. HF: 0.5" (12.5mm) PEI Diaphragm neodymium motor system
IP RATING	IP54 when used with accessory terminal cover
RATED POWER	30 W (AES) 120W (peak)
NOMINAL IMPEDANCE	8Ω
SENSITIVITY (1W/1m)	84dB
MAXIMUM SPL @ 1m	98dB (cont) 104dB (peak) @ 8Ω
CROSSOVER	3kHz
RECOMMENDED HIGH PASS FILTER	24dB Per Octave @ 80 Hz
TRANSFORMER TAPS @ 70v	2.5, 3.75, 5, 7.5W
TRANSFORMER TAPS @ 100v	5, 7.5, 10, 15W
DISPERSION (-6dB)	130°H x 120°V
ENCLOSURE	ABS
FINISH	Paint
PROTECTIVE GRILLE	Painted Aluminium
CONNECTORS	4 pin Euroblock
PIN CONNECTIONS (INPUT)	Positive and negative in with link out terminals
FITTINGS	M4 mounting points for wall bracket
DIMENSIONS	(W)120mm x (H)190mm x (D)118mm (W)4.7" x (H)7.5" x (D)4.7"
WEIGHT	1.26kg (2.8lb)
RECOMMENDED SUB	Sub 10
RECOMMENDED AMP	Zone, SmartAmp



Paint Finish



Weight

optimal-audio.co.uk

© 2022. Optimal Audio Group Ltd.