



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



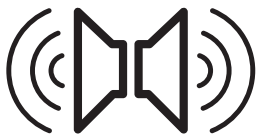
Museums



Fitness Studios



Residential



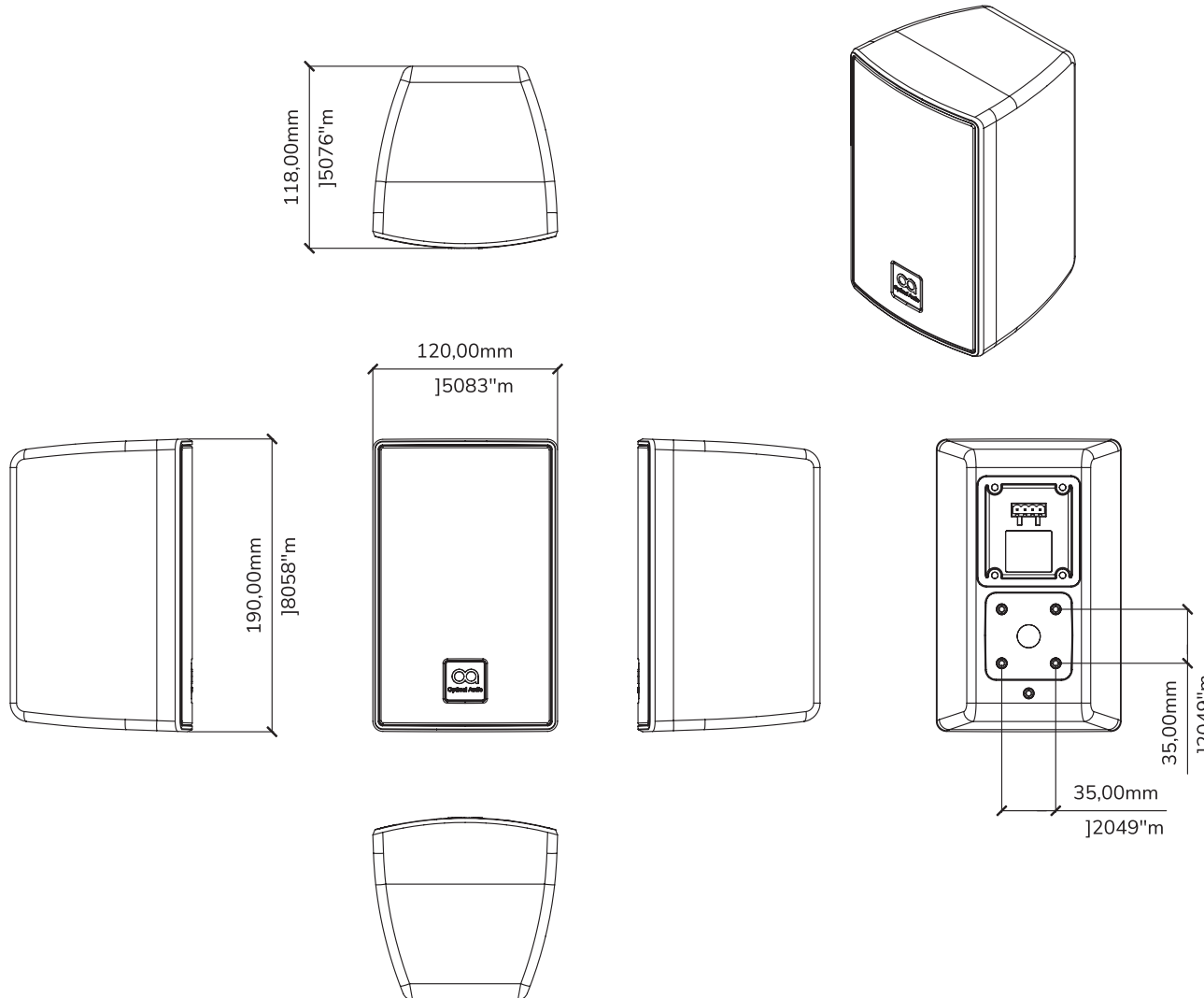
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## SPECIFICATIONS

|                                               |                                                                                                              |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| TYPE                                          | Two-way, full range, passive 3" loudspeaker with transformer                                                 |
| FREQUENCY RESPONSE<br>(when used with preset) | 125Hz - 20kHz +/-3dB, -10dB @ 80Hz                                                                           |
| DRIVERS                                       | LF: 3.5"(90mm) coated paper, ferrite motor system.<br>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<br>(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

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