

eMOTUS50D

SURFACE MOUNT CABINETS

Outdoor Loudspeaker





PRODUCT OVERVIEW

eMOTUS50D is a 5" loudspeaker cabinet ready for outdoor installation. A professional and compact loudspeaker, cost-effective and with a unique design that will easily fit in a massive number of applications: theme parks, gardens, nature parks and urban spaces, leisure, health and sport centres, residential buildings, outdoor areas, etc. Available in black and white colour.

KEY FEATURES

- 2-way cabinet
- 5" woofer and 1" coaxial tweeter
- 40WRMS @ 8Ω
- \bullet Power selector 100V: 30 / 15 / 7,5 / 3,75W & 8 Ω
- Power selector 70V: 15 / 7.5 / 3.75 /1,8W & 8Ω
- Max SPL (Peak):107dB
- Effective frequency range (-10dB): 75 20kHz
- Coverage angle (HxV): 150°x150°
- Outdoor design: IP65 rated
- Back rubber cover for connections
- Euroblock connections
- Material: ABS cabinet, aluminium grill, ABS bracket
- Includes wall bracket and security steel cable
- Available in black and white colour
- EASE file available

APPLICATIONS

- Commercial
- Education
- Corporate
- Sports and wellness
- Leisure

ACCESSORIES AND COMPATIBLE DEVICES

• PCS124



PCS124



TECHNICAL SPECIFICATIONS

eMOTUS50D

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System		

Effective frequency range¹ 75 Hz - 20 kHz (-10dB)

Coverage angle² | 150° x 150° (HxV) Power handling | 40W RMS / 160W Peak

Sensitivity³ 85dB (1W/1m)

Maximum SPL⁴ 101dB continuous / 107dB peak Power options 100V: 30 / 15 / 7,5 / 3,75W & 8Ω 70V: 15 / 7.5 / 3.75 / 1.8W & 8Ω

Recommended amplifier power 80W (80)

Transducers

Ways 2-ways, full range

Low frequency driver 5" woofer

High frecuency driver 1" coaxial tweeter Nominal impedance 8Ω

Physical

Connection type 2-terminal Euroblock connector (Input)

Power type selector | Selectable transformer tap

Installation options | Surface, desktop

Environmental IP65 rated

Enclosure material ABS cabinet

Grille material Aluminium grille
Mounting system ABS bracket

Finished color | White (RAL 9003) or black (RAL 9005)

Included accessories | Wall-mount bracket, adhesive legs, back rubber

cover & security steel cable

Optional accessories PCS124 cluster-mount system

Dimensions Not including brackets (HxWxD):

180 x 173 x 181mm / 7.1" x 6.8" x 7.1"

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Including brackets (HxWxD):

180 x 173 x 248mm / 7.1" x 6.8" x 9.8"

Weight Not including brackets: 2,2 kg. / 4.9 lb.

Including brackets: 2,5 kg. / 5.5 lb.

including brackets. 2,5 kg./ 5.5 tb

Pieces per box 2 units with included accessories

Shipping dimensions | HxWxD: 220 x 230 x 460mm / 8.7" x 9.1" x 18.1"

Shipping weight 5,0 kg. / 11.0 lb.

¹10dB below the sound pressure level at specified sensitivity

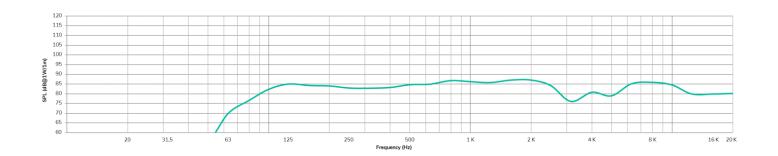
 $^{^2}$ 6dB below the sound pressure level than that at the direction of maximum level, Average from 1 kHz to 4 kHz.

³Measured on-axis, 2,83V, far field and referenced to 1 meter by inverse square law. Average from 100 Hz to 10 kHz.

⁴Calculated from sensitivity and power handling specifications, exclusive of power compression

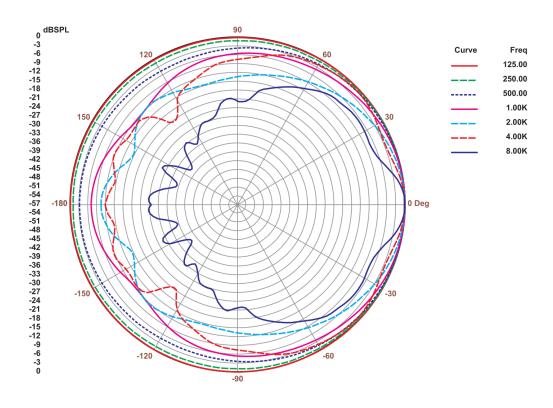


FREQUENCY RESPONSE ON-AXIS



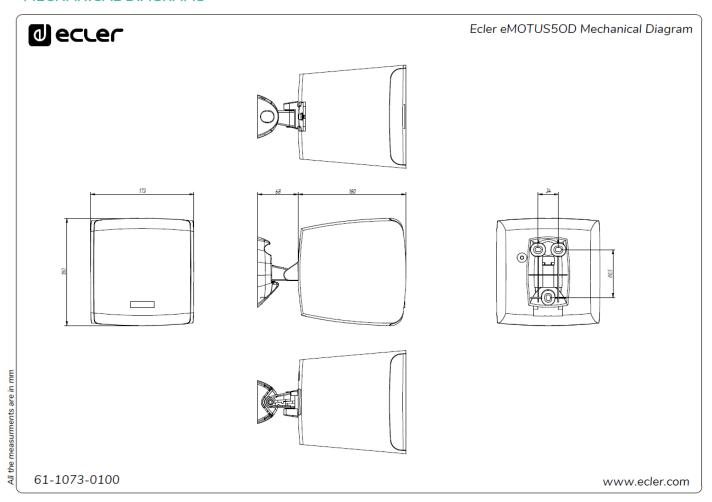
POLAR DIAGRAMS

CONICAL

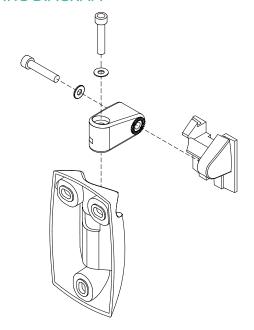




MECHANICAL DIAGRAMS



WALL BRACKET MOUNTING DIAGRAM







All product characteristics are subject to variation due to production tolerances. **NEEC AUDIO BARCELONA S.L.** reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

For technical requests address to your supplier, distributor or fill the contact form in our website, at <u>Support / Technical Request.</u>

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