

eMOTUS80D

SURFACE MOUNT CABINETS

Outdoor Loudspeaker



PRODUCT OVERVIEW

eMOTUS80D is a 2-way full range loudspeaker cabinet with eMOTUS unique design. It features an 8" woofer and 1.4" tweeter and it's suitable for low and high impedance lines, with different power tap options.

eMOTUS80D is ready for indoor and outdoor applications, thanks to its aluminum grill and anti-yellowing treatment (IP65-rated). Wall mount accessories and safety sling are included for an easy and secure installation.

KEY FEATURES

- 2-way cabinet, 8" woofer and 1.4" tweeter
- 100WRMS @ 8Ω
- Power options: 100V: 60W / 30W / 15W / 7,5W / 8Ω
70V: 60W / 30W / 15W / 7,5W / 3,75W / 8Ω
- Outdoor design
- IP65 rated
- Aluminium grill with anti-yellowing treatment
- Back rubber cover for connections
- Includes wall bracket and security steel cable
- Available in black and white colour

APPLICATIONS

- Theme parks
- Gardens, nature parks and urban spaces
- Leisure centres
- Health and sport centres
- Museums
- Residential buildings, outdoor areas

TECHNICAL SPECIFICATIONS

eMOTUS80D

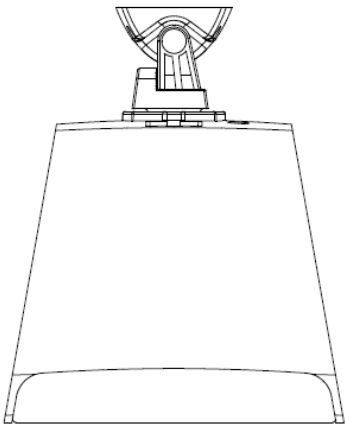
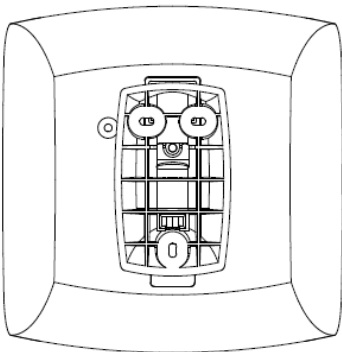
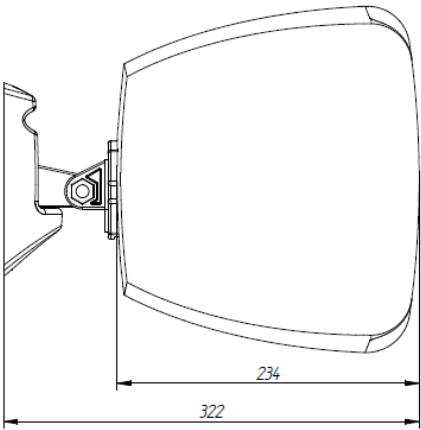
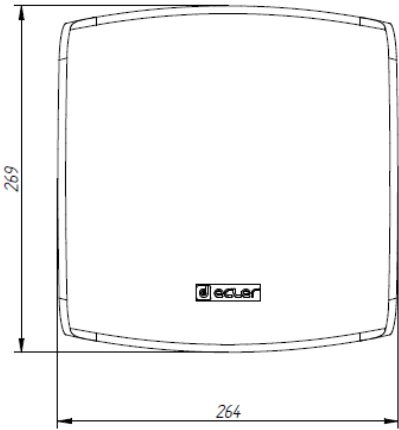
System		
Effective frequency range ¹	65 Hz-20 kHz	
Coverage angle ²	142°x142° (HxV)	
Power handling	100 W RMS / 400 W Peak	
Sensitivity ³	88 dB (1W/1m)	
Maximum SPL ⁴	108 db continuous / 114 dB peak	
Recommended amplifier power	200 W RMS	
Transducers		
Ways	2	
Low frequency driver	8" woofer	
High frequency driver	1.4" tweeter	
Nominal impedance	8Ω	
Physical		
Environmental	IP65 rated	
Enclosure material	ABS	
Grille material	Aluminium	
Mounting system	Cabinet	
Included accessories	Wall-mount bracket, security steel cable	
Finished colour	White (RAL 9003) or black (RAL 9005)	
Dimensions (WxHxD)	Not including brackets: 264 x 269 x 234 mm / 10.39 x 10.59 x 9.21 in. Including brackets: 264 x 269 x 322 mm / 10.39 x 10.59 x 12.68 in.	
Weight	4.25 kg / 9.37 lb including accessories: 4.75 kg / 10.47 lb	

¹10dB below the sound pressure level at specified sensitivity²6dB below the sound pressure level than that at the direction of maximum level, Max. angle between 1 kHz and 4 kHz.³Measured on-axis, 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

MECHANICAL DIAGRAMS



Ecler eMOTUS80D Mechanical Diagram

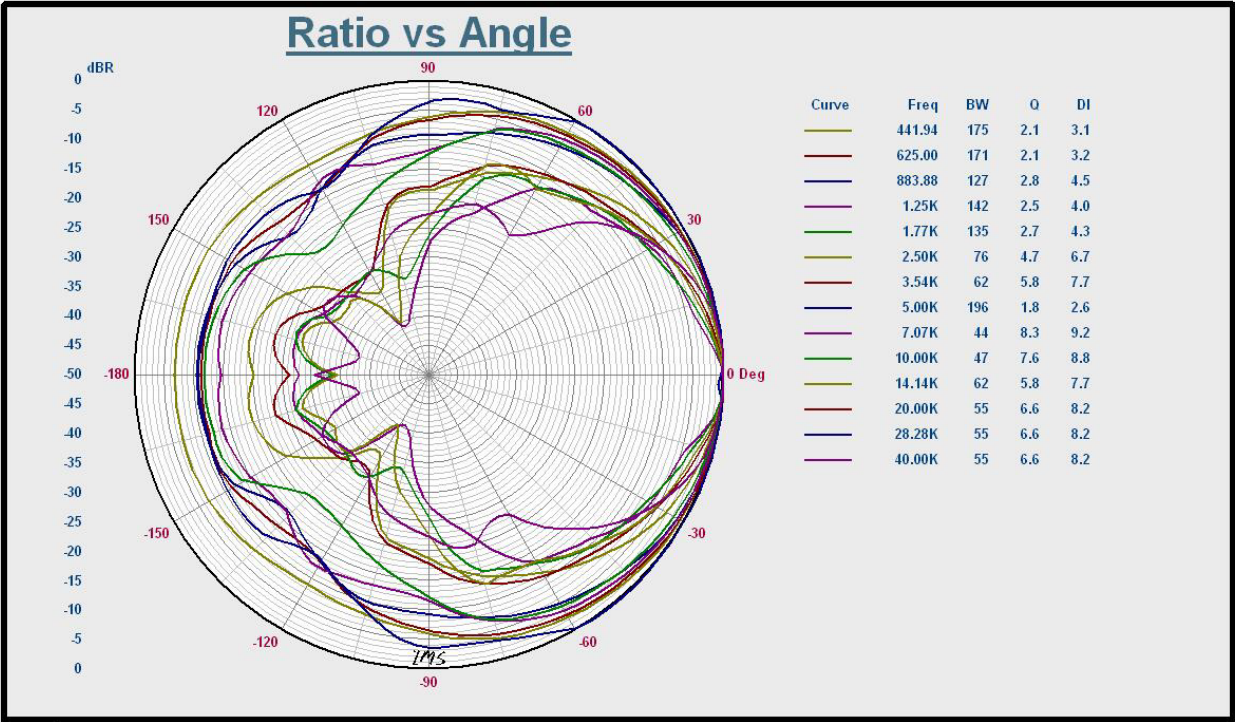


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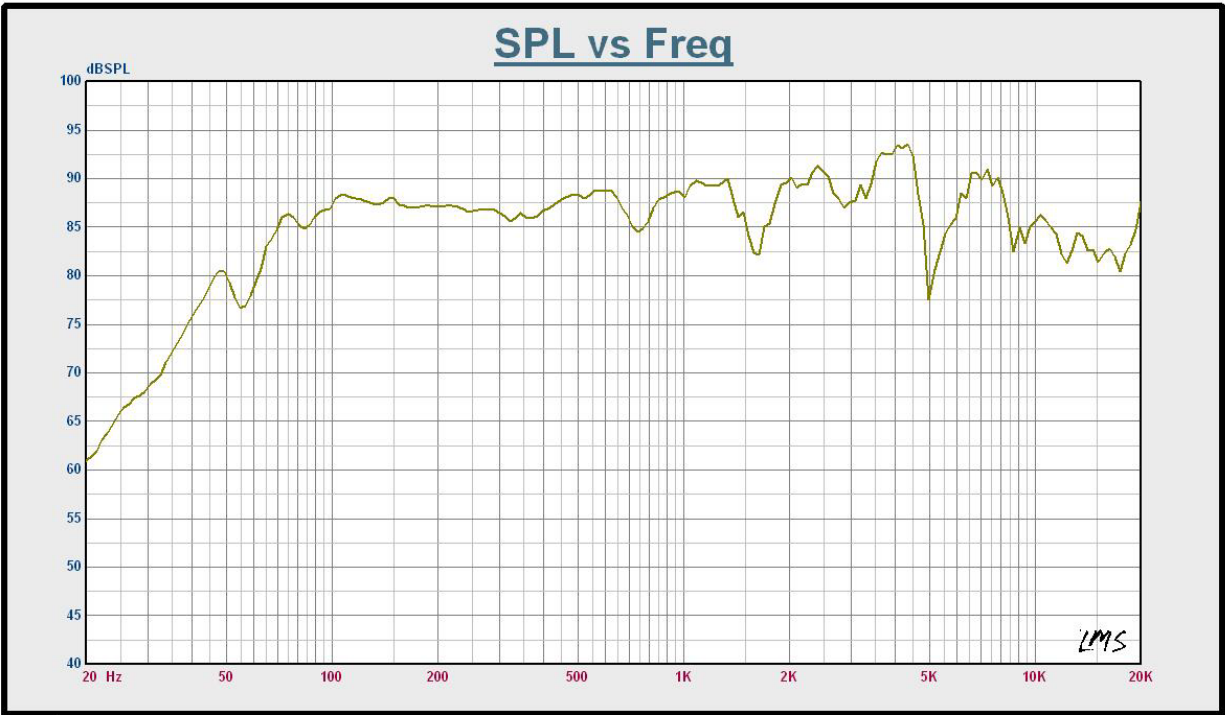
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All the measurements are in mm

POLAR DIAGRAMS



FREQUENCY RESPONSE





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 queries contact your supplier, distributor or complete the contact form on our website, in [Support / Technical requests](#).

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