

## eMOTUS8OD

### SURFACE MOUNT CABINETS

Outdoor Loudspeaker



#### PRODUCT OVERVIEW

eMOTUS8OD is a 2-way full range loudspeaker cabinet with eMOTUS unique design. It features an 8" woofer and 1" tweeter and it's suitable for low and high impedance lines, with different power tap options.

eMOTUS8OD 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" 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 <sup>1</sup>	65 Hz-20 kHz
Coverage angle <sup>2</sup>	142°x142° (HxV)
Power handling	100 W RMS / 400 W Peak
Sensitivity <sup>3</sup>	88 dB (1W/1m)
Maximum SPL <sup>4</sup>	108 db continuous / 114 dB peak
Recommended amplifier power	200 W RMS
Transducers	
Ways	2
Low frequency driver	8" woofer
High frequency driver	1 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

<sup>1</sup>10dB below the sound pressure level at specified sensitivity

<sup>2</sup>6dB below the sound pressure level than that at the direction of maximum level, Max. angle between 1 kHz and 4 kHz.

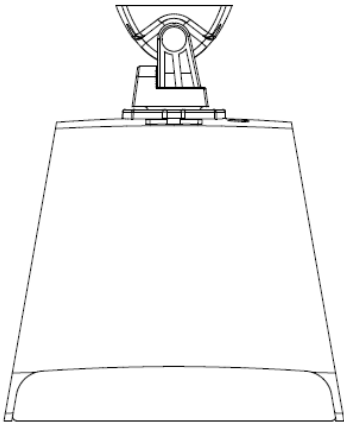
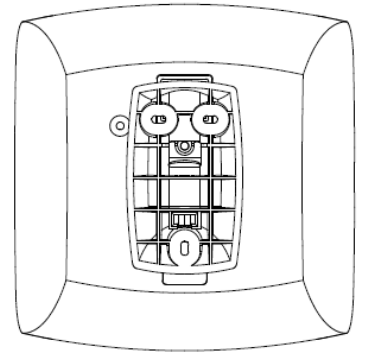
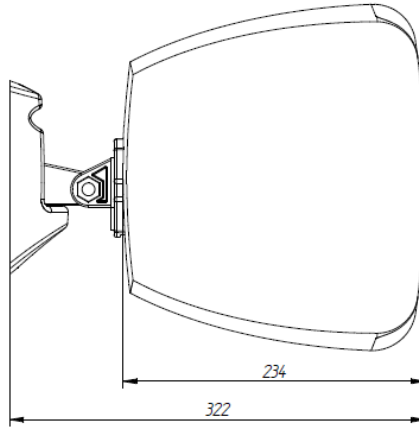
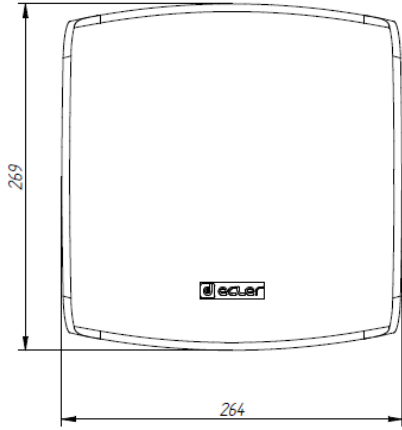
<sup>3</sup>Measured on-axis, far field and referenced to 1 meter by inverse square law. Average from 100 Hz to 10 kHz.

<sup>4</sup>Calculated from sensitivity and power handling specifications, exclusive of power compression

MECHANICAL DIAGRAMS



Ecler eMOTUS80D Mechanical Diagram

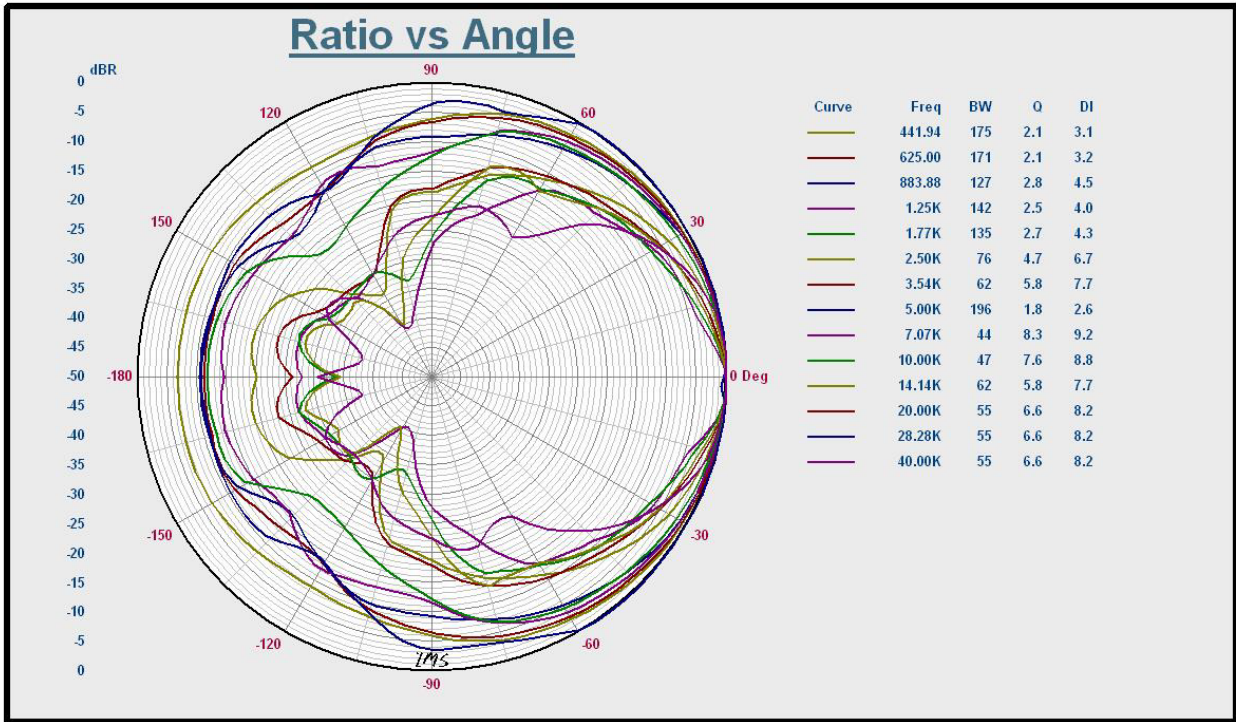


All the measurements are in mm

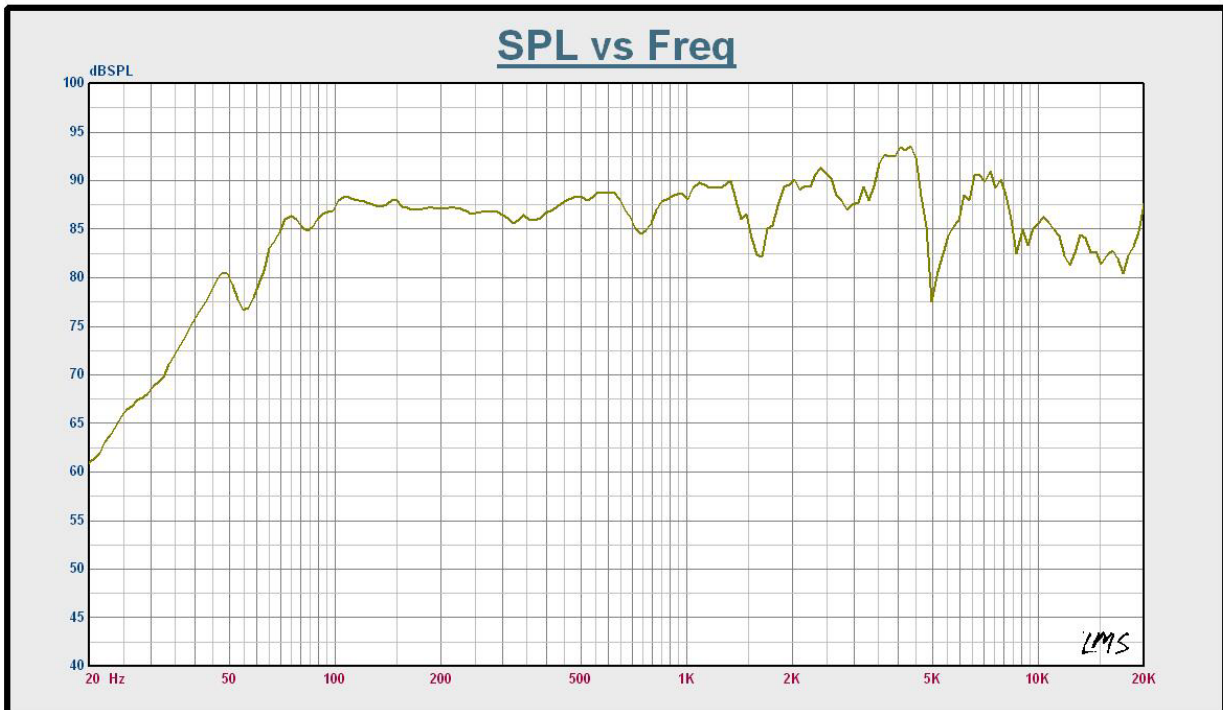
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POLAR DIAGRAMS



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 requests address to your supplier, distributor or fill the contact form in our website, at [Support / Technical Request](#).

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