

Section

Public Address

Category

EN 54-24 Loudspeakers

Code

TR15HF-EN

References

Safety: Compliant to EN 60065
Emergency: EN 54-24, EN 60849
Application: Outdoor environments (Type B)
Protection degree: IP44



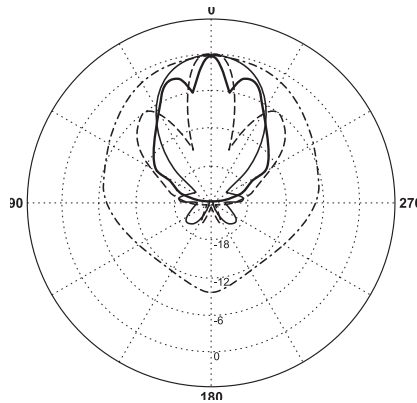
Certificato n°

0068-CPR-039/2016

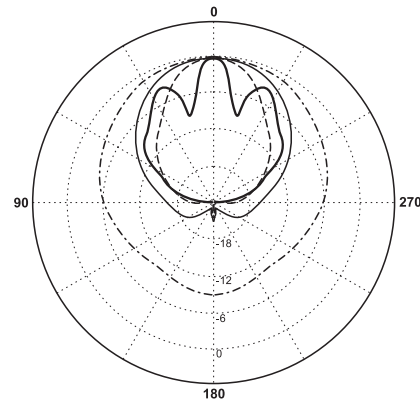
Description

High-Fidelity horn speaker, two-way, 15 W

TR15HF-EN horn-speakers are fitted with fireproof cable according to **UNI 9795 2010** (length 80 cm). The fixing system makes mounting easy and enables the speaker unit to be turned in the best direction. These speaker units have been developed specifically for use in emergency and evacuation systems (VES). These horns are two-way speaker units featuring high efficiency, an extensive response range and good power resistance. The design and materials used enable it to be employed for outdoor applications up to class of protection IP44 at the most. The special shape of these speakers gives rise to practically constant and controlled coverage of the audio spectrum reproduced, with particularly high sensitivity.

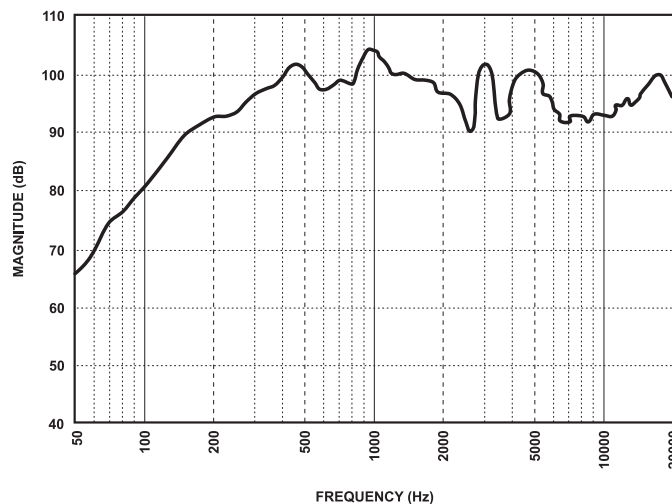


Horizontal plot



Vertical plot

Simulated free-field measurement.



Technical data

TR15HF-EN



0068

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EN 54-24

Loudspeaker for voice alarm systems
for fire detection and fire alarm systems for buildings

TR15HF-EN

Type B

Rated output	15 W (100 V)	
Impedance	16 - 666 - 1250 - 2500 Ω	
Sensitivity	98 dB (1W/1m)	
Maximum acoustic pressure (*)	110 dB (15W/1m)	
Frequency response	160 ÷ 20.000 Hz	
Angles of dispersion (-6 dB)	Horizontal plot 160° (500 Hz) 70° (1 kHz) 30° (2 kHz) 60° (4 kHz)	Vertical plot 200° (500 Hz) 100° (1 kHz) 60° (2 kHz) 25° (4 kHz)
Low/mid frequency unit (<i>mid-woofer</i> Ø 165 mm)	Cone type	
High frequency unit (<i>tweeter</i>)	Dome type	
Size	355 x 240 x 315 mm	
Weight	4,2 kg	

* Measurement made at the geometric center of the loudspeaker.