

# MSH 15HF / EN HORN SPEAKER

EN 54 - 24

## Description

### High-fidelity horn speaker, two way, 15W

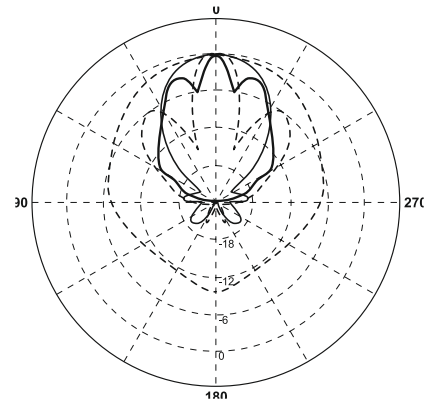
MSH 15HF/EN horn speaker are fitted with fireproof cable according to UNI 9795 2010 (length 80cm). The fixing system makes mounting easy and enables the speaker unit to be turned in the best direction. These speaker units have been developed specifically for use in emergency and evacuation systems. These 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.



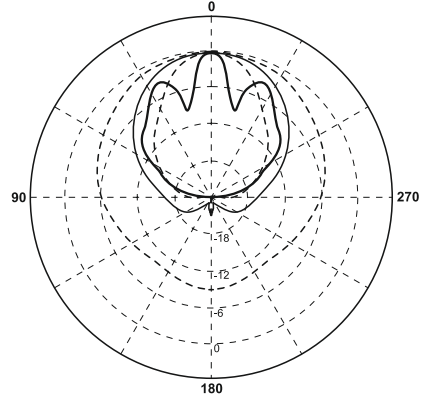
## Technical data

Rated output	15W (100V)	
Impedance	16 - 666 - 1250 - 2500 Ohm	
Sensitivity	98dB (1W,1m)	
Max acoustic pressure*	110dB (15W, 1m)	
Frequency response	160 - 20.000Hz	
Angles of dispersion (-6dB)	Horizontal plot	Vertical plot
	160° (500Hz)	200° (500Hz)
	70° (1kHz)	100° (1kHz)
	30° (2kHz)	60° (2kHz)
	60° (4kHz)	25° (4kHz)
Low/mid frequency unit (mid woofer Ø165mm)	Cone type	
High frequency unit (tweeter)	Dome type	
Size	355 x 240 x 315mm	
Weight	4,2kg	

\* measurement made at the geometric center of the loudspeaker



Horizontal plot



Vertical plot

Simulated free-field measurement

