

MSP 420 TWB/EN

SOUND PROJECTOR

EN 54 - 24

Description

Vandal-proof sound projectors for voice alarm system

MSP 420 TWB/EN vandal-proof sound projectors, characterised by an aluminium alloy housing and steel front grille, 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. They are equipped with two loudspeakers and provided with a fixed bracket for wall mounting. The power output is adjustable by means of a switch placed in the lower side of the speaker. The watertight construction and the materials adopted make them suitable to be used outdoor or in particularly damp places (swimming-pools, etc.)

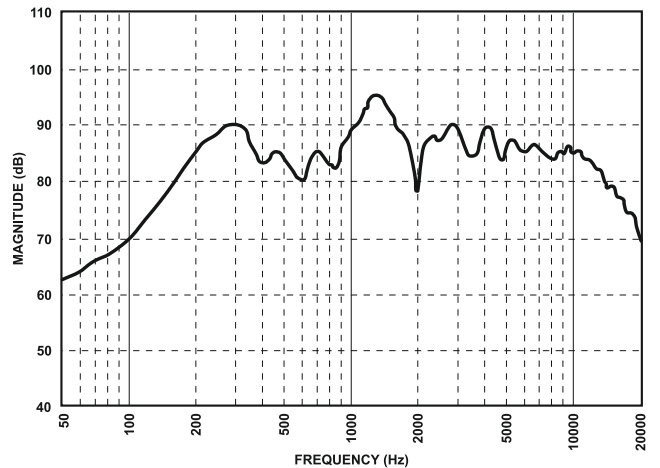


Technical data

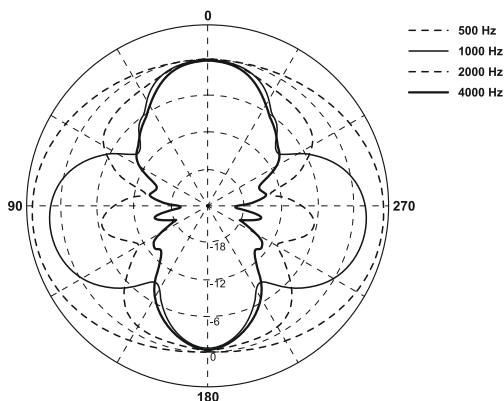
No of loudspeakers	2	
Rated output	20W (100V)	
Nominal impedance (100V line)	500 Ohm (20W) 1000 Ohm (10W) 2000 Ohm (5W)	
Sensitivity	87dB (1W,1m)	
Max sound pressure SPL*	100dB (20W, 1m)	
Frequency response	150 - 15.000Hz	
Angles of dispersion (-6dB)	Horizontal 360° (500Hz) 2x80° (1kHz) 2x140° (2kHz) 2x80° (4kHz)	Vertical 360° (500Hz) 2x80° (1kHz) 2x130° (2kHz) 2x60° (4kHz)
Operating/storage temperature	-25°C + +55°C / -40°C + +70°C	
Relative humidity	<95%	
Dimensions	180 x 145 x 178mm	
Weight	2,90kg	

* measurement made at the geometric center of the loudspeaker

Simulated free-field measurements



Horizontal plot



Vertical plot

