

EN 54 - 24

WMS 406T/EN

WALL MOUNTING SPEAKER

Description

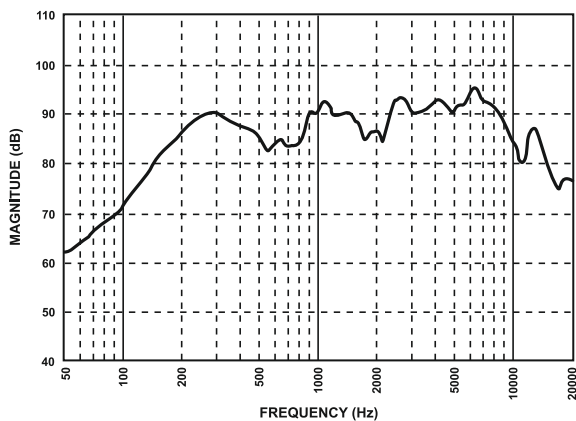
Box-type speaker units for voice alarm systems

The WMS 406T/EN box-type speaker unit consists of a powder-painted metal housing and uses a loudspeaker (Ø130mm) with a broad response range. It has a transformer for constant-voltage lines (50, 70, 100V).

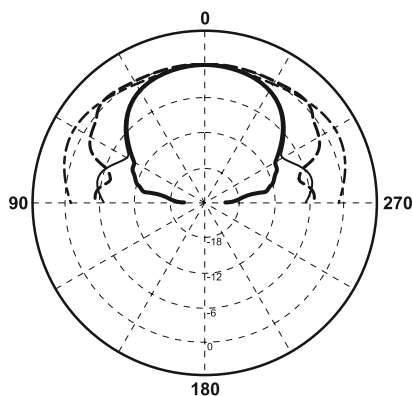
These speaker units have been developed specifically for use in emergency and evacuation systems (VES) and each has its own ceramic terminal strip and thermal fuse. These ensure the protection of the line connecting the loudspeakers if a fire puts one or more of the speaker units connected to it out of use.



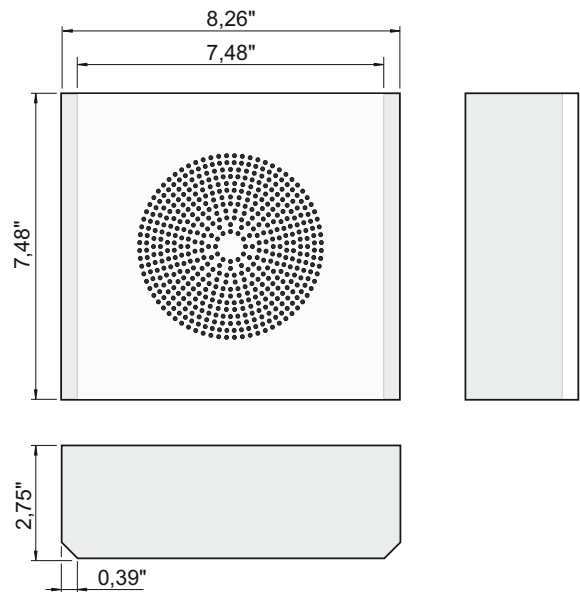
Diagrams



- 500 Hz
- 1000 Hz
- - - 2000 Hz
- 4000 Hz



Dimensions



Simulated free-field measurements



Technical data

Rated output	6 W (100 V)
Nominal impedance (100V line)	1667 Ω (6W) 3333 Ω (3W) 6667 Ω (1.5W)
Nominal impedance (70V line)	817 Ω (6W) 1633 Ω (3W) 3267 Ω (1.5W)
Sensitivity	91 dB (1W/1m)
Max sound pressure SPL *	99 dB (6W/1m)
Frequency response	150 ÷ 15.000 Hz (peak -10 dB)
Horizontal angle of dispersion (-6 dB)	180° (500 Hz) 180° (1 kHz) 90° (2 kHz) 70° (4 kHz)
Vertical angle of dispersion (-6 dB)	180° (500 Hz) 180° (1 kHz) 90° (2 kHz) 70° (4 kHz)
Operating / Storage temperature	-25°C ÷ +55°C / -40°C ÷ 70°C
Relative humidity	< 95%
Dimensions	8,26 x 7,48 x 2,75 inch
Weight	3,52lb

* Measurement made at the geometric center of the loudspeaker