

WMF 33EN

TWO-WAY PASSIVE WALL MOUNT SPEAKER

DESCRIPTION

WMF 33EN is a two-way wall mount speaker designed for both horizontal and vertical installation. It is especially suitable for broadcasting background music into commercial spaces, but also includes alarm messages with highly intelligible voice reproduction and EN 54-24 certification. It features a UL rated plastic cabinet with a steel magnetic grille and is easy to install with its smart support system. The terminal connection blocks, for input and output flameproof cables, are made of ceramic material. A thermal fuse protects the integrity of the line in case of heat affecting the speaker.



FEATURES

- 2 x 3" full-range transducers with 1" dome tweeter
- Power selectable (70 V / 100 V): 40 W 20 W 10 W 5 W 2.5 W
- 88 dB sensitivity
- Colour black RAL 9005
- Voice Alarm EN 54-24 Certified
- In/out ceramic terminal block
- Thermal fuse protection
- Connections integrated in the wall support
- UL rated plastic enclosure

Rev. W Last update: 04/03/2024



TECHNICAL SPECIFICATIONS

Max SPL @ 1m Max SPL @ 4m Max SPL @ 4m Horizontal coverage angle Vertical coverage angle Vertical coverage angle System Sensitivity 88 dB System Sensitivity 1W @ 4m 76 dB Power section Amplification Nominal Impedance Power Handling Peak Power Handling Peak Power Handling Protections Crossover Frequencies Recommended Amplifiers DMA 504, DMA 162, DMA 82, DMA 162P, DXT 3000, DXT 4000, DXT 7000 Transducers Dome Tweeter Woofer 1.0" neo, 1.0" v.c 2 x 3.0", 1.0" v.c	Acoustical specifications	Frequency Response (-10dB)	80 Hz ÷ 22000 Hz
Max SPL			105 dB
Horizontal coverage angle 100° Vertical coverage angle 160° System Sensitivity W @ 4m 76 dB Power section Amplification Full Range Nominal Impedance 8 ohm Power Handling 40 W Protections Thermal fluse - PTC Crossover Frequencies 2500 Recommended Amplifiers DMA 504, DMA 162, DMA 82, DMA 162P, DXT 3000, DXT 4000, DXT 7000 Transducers Dome Tweeter 1.0° neo. 1.0° v.c Voofer 2 x 3.0°, 1.0° v.c The company of the c			
Vertical coverage angle System Sensitivity System Sensitivity We 4rm 76 dB			100°
System Sensitivity W @ 4m 76 dB			160°
Power section Amplification Nominal Impedance Power Handling Peak Power Handling Peak Power Handling Power Handling Power Handling Peak Power Handling Peak Power Handling Peak Power Handling Power Sections Power Selection Power selection 1 Power selection 1 Power selection 3 Power selection 3 Power selection 4 Power selection 4 Power selection 5 Power selection 6 Power selection 7 Power selection 9 Po		· ·	
Power section			
Nominal Impedance			
Power Handling	Power section	Amplification	Full Range
Peak Power Handling		Nominal Impedance	8 ohm
Protections		Power Handling	40 W
Crossover Frequencies Recommended Amplifiers DMA 504, DMA 162, DMA 82, DMA 162P, DXT 3000, DXT 4000, DXT 70000		Peak Power Handling	160 W PEAK
Package Width Package Height Package Height Package Width Package Wi		Protections	Thermal fuse - PTC
Transducers		Crossover Frequencies	2500
Input/Output section		Recommended Amplifiers	
Input/Output section	Transducers	Dome Tweeter	1.0" neo. 1.0" v.c
Input/Output section			
Output connectors			
Constant Voltage Transformer 70/100 V Power selection 1 40 W - 250 ohm Power selection 2 20 W - 500 ohm Power selection 3 10 W - 1000 ohm Power selection 4 5 W - 2000 ohm Power selection 5 2.5 W - 4000 ohm Power selection 5 Yes CPR number O068/CPR/057-2019 Physical specifications Hardware Wall mount bracket Color Black - RAL 9005 Power selection 5 Power selection 5	Input/Output section	Input connectors	Ceramic screw terminals
Power selection 1		Output connectors	Ceramic screw terminals
Power selection 2		Constant Voltage Transformer	70/100 V
Power selection 3		Power selection 1	40 W - 250 ohm
Power selection 4 5 W - 2000 ohm		Power selection 2	20 W - 500 ohm
Standard compliance Safety agency EN54-24 certified Yes O068/CPR/057-2019 CE compliant Yes O068/CPR/057-2019 Physical specifications Hardware Color Wall mount bracket Black - RAL 9005 Size Height Height 92 mm / 15.71 inches 92 mm / 15.71 inches 92 mm / 3.62 inches 236 mm / 9.29 inches 5 kg / 11.02 lbs Shipping information Package Height Package Width Package Width Package Width Package Depth 186 mm / 7.32 inches 596 mm / 23.46 inches 276 mm / 10.87 inches		Power selection 3	10 W - 1000 ohm
Standard compliance Safety agency EN54-24 certified CE compliant Yes CPR number 0068/CPR/057-2019 Physical specifications Hardware Color Wall mount bracket Black - RAL 9005 Black - RAL 9005 Size Height 399 mm / 15.71 inches Width 92 mm / 3.62 inches 236 mm / 9.29 inches Depth 236 mm / 9.29 inches 5 kg / 11.02 lbs Shipping information Package Height Package Width Package Width Package Depth 186 mm / 7.32 inches Package Depth 276 mm / 10.87 inches		Power selection 4	5 W - 2000 ohm
EN54-24 certified Yes O068/CPR/057-2019		Power selection 5	2.5 W - 4000 ohm
Physical specifications Hardware Color Wall mount bracket Size Height Width 92 mm / 3.62 inches Depth Weight 236 mm / 9.29 inches Weight 5 kg / 11.02 lbs Shipping information Package Height Package Width Package Depth 186 mm / 7.32 inches Package Depth 596 mm / 23.46 inches 276 mm / 10.87 inches	Standard compliance	Safety agency	CE compliant
Physical specificationsHardwareWall mount bracketColorBlack - RAL 9005SizeHeight399 mm / 15.71 inchesWidth92 mm / 3.62 inchesDepth236 mm / 9.29 inchesWeight5 kg / 11.02 lbsShipping informationPackage Height Package Width Package Depth186 mm / 7.32 inches596 mm / 23.46 inches 276 mm / 10.87 inches		EN54-24 certified	Yes
Size Height Width 92 mm / 3.62 inches Depth 236 mm / 9.29 inches Weight 5 kg / 11.02 lbs Shipping information Package Height Package Width Package Depth 276 mm / 23.46 inches 186 mm / 7.32 inches Package Depth 276 mm / 10.87 inches		CPR number	0068/CPR/057-2019
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Width Depth Weight Package Height Package Width Package Depth		Color	Black - RAL 9005
Depth Weight Shipping information Package Height Package Width Package Depth Package Depth Depth Package Width Package Depth	Size	Height	399 mm / 15.71 inches
Weight 5 kg / 11.02 lbs Shipping information Package Height 186 mm / 7.32 inches Package Width 596 mm / 23.46 inches Package Depth 276 mm / 10.87 inches		Width	92 mm / 3.62 inches
Shipping information Package Height Package Width Package Depth		Depth	236 mm / 9.29 inches
Package Width 596 mm / 23.46 inches Package Depth 276 mm / 10.87 inches		Weight	5 kg / 11.02 lbs
Package Depth 276 mm / 10.87 inches	Shipping information	Package Height	186 mm / 7.32 inches
		Package Width	596 mm / 23.46 inches
Package Weight 7 kg / 15.43 lbs		Package Depth	276 mm / 10.87 inches
		Package Weight	7 kg / 15.43 lbs



PART NUMBER

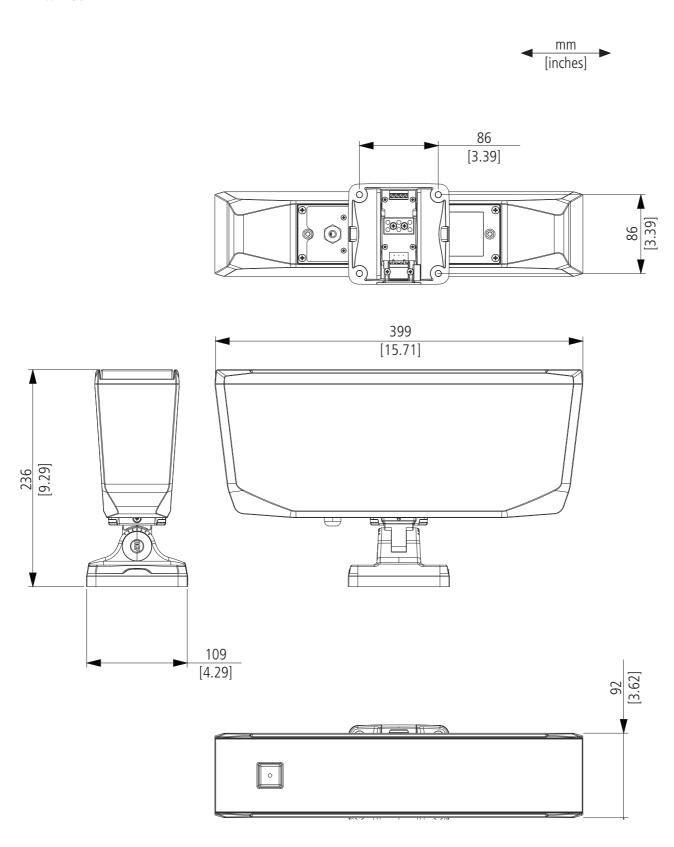
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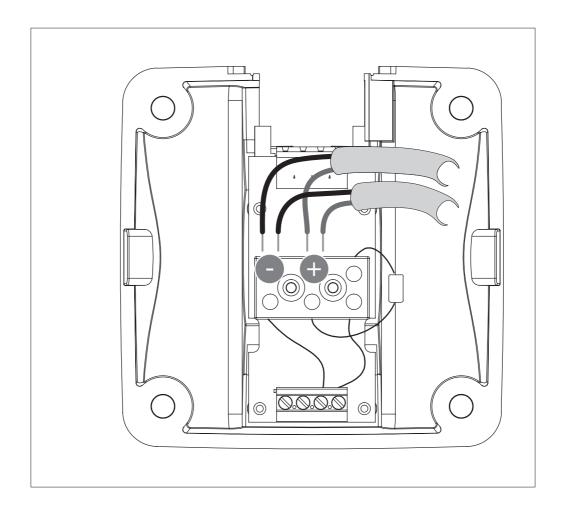


DRAWINGS

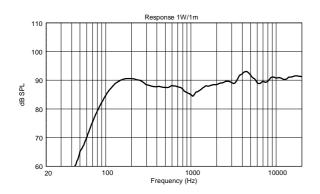


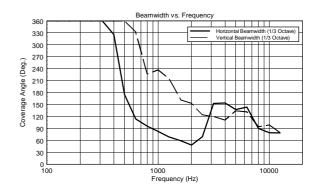


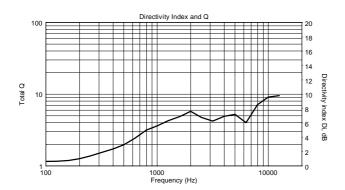
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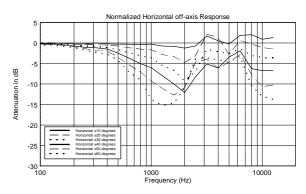


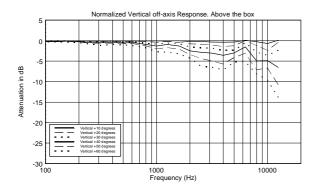


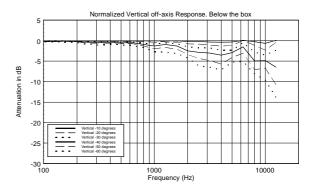






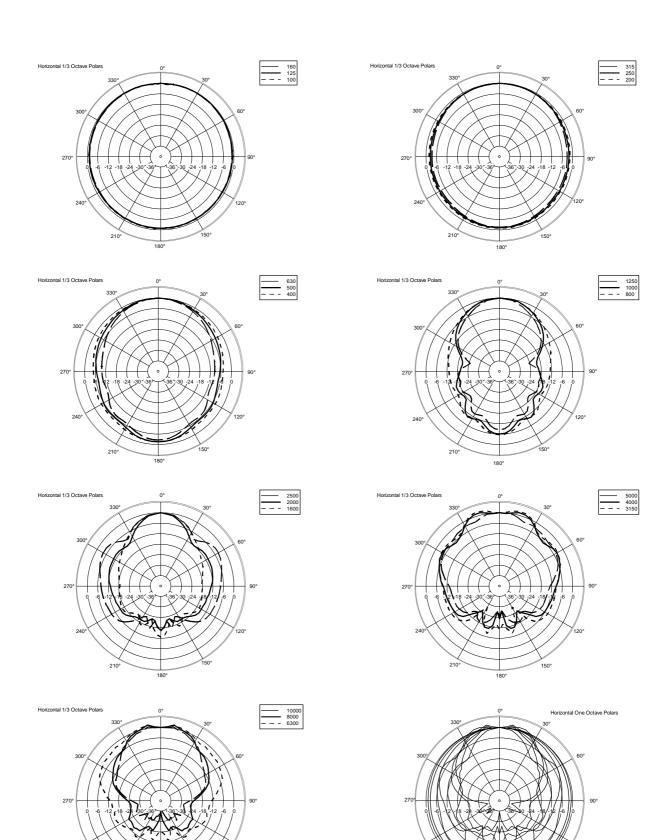






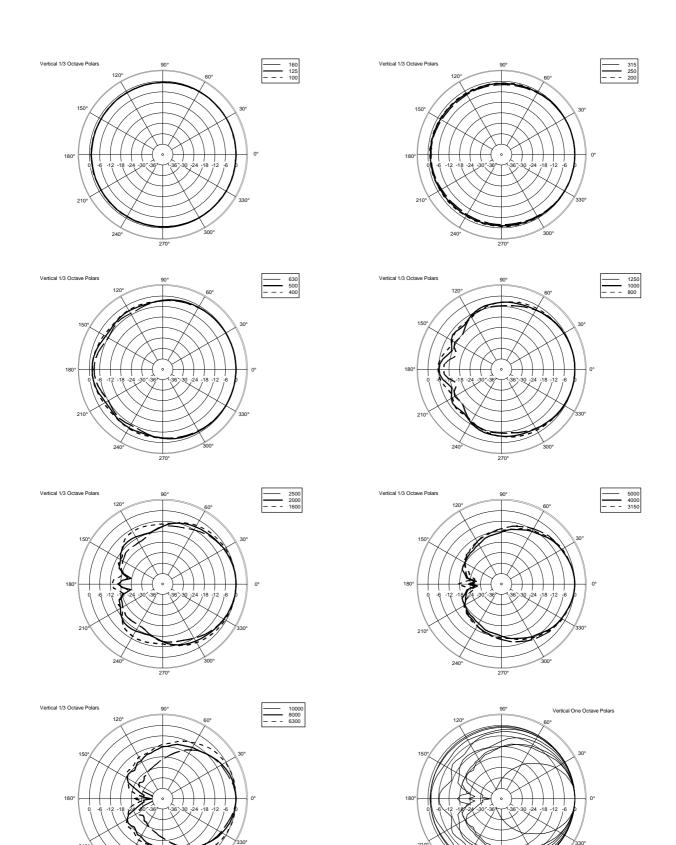


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A&E SPECIFICATIONS

The product shall be a two-way wall-mounted speaker designed for either horizontal or vertical installation, especially suitable for broadcasting background music into commercial spaces, but also alarm messages thanks to the highly intelligible voice reproduction and the EN 54-24 certification. It shall feature a plastic cabinet with steel magnetic grille and is extremely easy to install thanks to its smart support system. The terminal connection blocks, for input and output flameproof cables, shall be made of ceramic material. A thermal fuse shall protect the line integrity in case of heat affecting the speaker.

NOTES

NO CAUTION is NECESSARY in case of ALERTED PERSON for AUDIO voltages up to 120V, when warning symbols are present near the connection terminals. In the case of AUDIO voltages up to 71V, it is not even necessary to put warning symbols.

No need of linking to earth metal parts of speakers equipped with transformers and connected to 70.7 V / 100 V outputs of power amplifiers that do not have any reference to earth (ref. EN 62368-1 item 4.3.2.2), unless specific local requirements.