



MF 33EN

TWO-WAY PASSIVE CEILING SPEAKER



Description MF 33EN is a two-way ceiling speaker designed for recess installation into ceilings or panels. It is 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 features a UL rated plastic cabinet with a steel magnetic grille and is extremely easy to install. 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" fullrange 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
 - › UL rated plastic enclosure

Part Number 13100043 MF 33EN

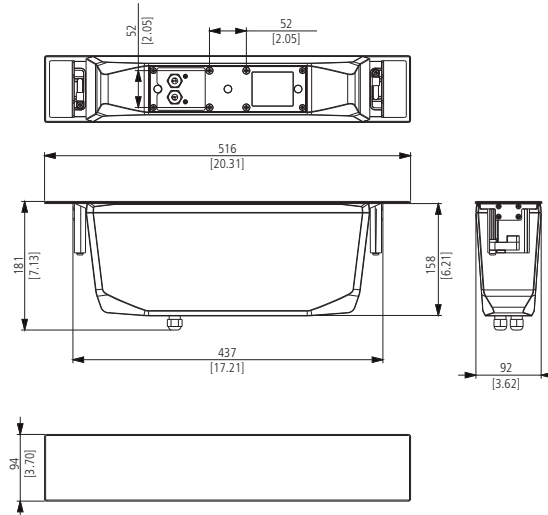
Black - RAL 9005 EAN 8024530016463



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Line Art 2D



TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response (-10dB)	80 Hz ÷ 22000 Hz
	Max SPL @ 1m	105 dB
	Max SPL @ 4m	93 dB
	Horizontal coverage angle	100°
	Vertical coverage angle	160°
	System Sensitivity	88 dB
	System Sensitivity 1W @ 4m	76 dB
Power section	Amplification	Full Range
	Nominal Impedance	8 ohm
	Power Handling	40 W
	Peak Power Handling	160 W PEAK
	Protections	Thermal fuse - PTC
	Crossover Frequencies	2500
	Recommended Amplifiers	DMA 504, DMA 162, DMA 82, DMA 162P, DXT 3000, DXT 4000, DXT 7000
Transducers	Dome Tweeter	1 x 1.0" neo, 1.0" v.c
	Woofer	2 x 3.0", 1.0" v.c
Input/Output section	Input connectors	Ceramic screw terminals
	Output connectors	Ceramic screw terminals
	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
Standard compliance	Power selection 4	5 W - 2000 ohm
	Power selection 5	2.5 W - 4000 ohm
	Safety agency	CE compliant
	EN54-24 certified	Yes
	CPR number	0068/CPR/057-2019



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Physical specifications

Cabinet/Case Material	ABS
Hardware	Ceiling mount brackets
Grille	Steel
Color	Black - RAL 9005
Size / Weight	
Height	516 mm / 20.31 inches
Width	94 mm / 3.7 inches
Depth	181 mm / 7.13 inches
Recessed Depth	178 mm / 7.01 inches
Weight	3.4 kg / 7.5 lbs