

# DM 61

## TWO-WAY COMPACT SPEAKER

### DESCRIPTION

DM 61 is a compact two way speaker designed for constant voltage systems. The speaker provide natural, smooth sound reproduction ideal for use in business music systems and indoor/outdoor background music applications. Connections to the loudspeaker line are made by using the two wire cable coming out from the loudspeaker rear side. The enclosure includes a protective perforated grille and an accessory for the wall mounting.



### FEATURES

- 6" woofer with 1" dome tweeter
- Power selectable (100 V): 25 W – 12.5 W – 7.5 W – 5 W – 2.5 W
- 89 dB sensitivity
- Colour white RAL 9002
- Plastic body UL 94 V0, steel grille
- Protection grade IP 55

## TECHNICAL SPECIFICATIONS

<b>Acoustical specifications</b>	Frequency Response (-10dB):	70 Hz ÷ 20000 Hz
	Max SPL @ 1m:	106 dB
	Horizontal coverage angle:	120°
	Vertical coverage angle:	140°
	System Sensitivity:	89 dB
<b>Power section</b>	Nominal Impedance:	8 ohm
	Power Handling:	25 W
	Peak Power Handling:	100 W PEAK
	Recommended Amplifier:	50 W
	Crossover Frequencies:	6000 Hz
<b>Transducers</b>	Dome Tweeter:	1.0"
	Woofers:	6.0"
<b>Input/Output section</b>	Input connectors:	Cable
	Output connectors:	Cable
	Constant Voltage Transformer:	100 V
	Power selection 1:	25 W - 400 ohm
	Power selection 2:	12.5 W - 800 ohm
	Power selection 3:	7.5 W - 1333 ohm
	Power selection 4:	5 W - 2000 ohm
Power selection 5:	2.5 W - 4000 ohm	
<b>Standard compliance</b>	IP protection grade:	IP 55
	CE marking:	Yes
<b>Physical specifications</b>	Cabinet/Case Material:	Plastic
	Hardware:	Aluminium U bracket
	Grille:	Aluminium
	Color:	White - RAL 9002
<b>Size</b>	Height:	289 mm / 11.38 inches
	Width:	216 mm / 8.5 inches
	Depth:	177 mm / 6.97 inches
	Weight:	3.98 kg / 8.77 lbs
<b>Shipping informations</b>	Package Height:	340 mm / 13.39 inches
	Package Width:	265 mm / 10.43 inches
	Package Depth:	250 mm / 9.84 inches
	Package Weight:	4.5 kg / 9.92 lbs



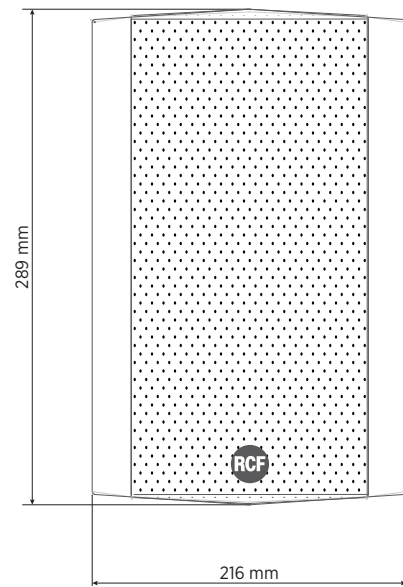
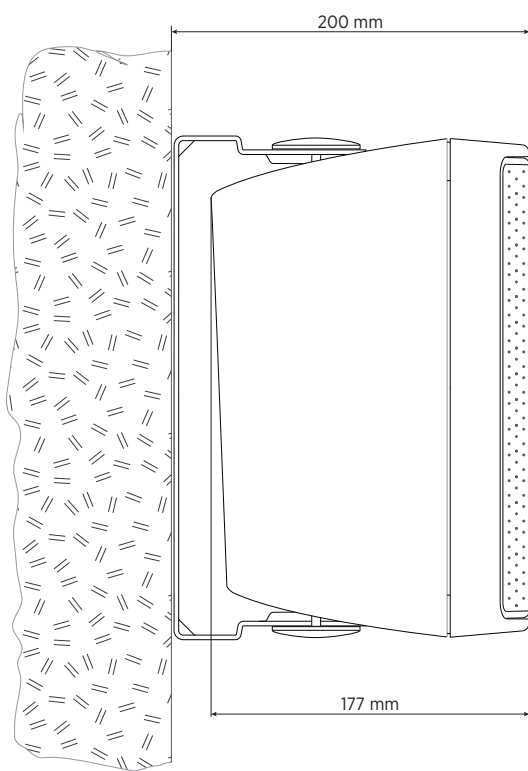
**PART NUMBER**

- **13000050**

DM 61

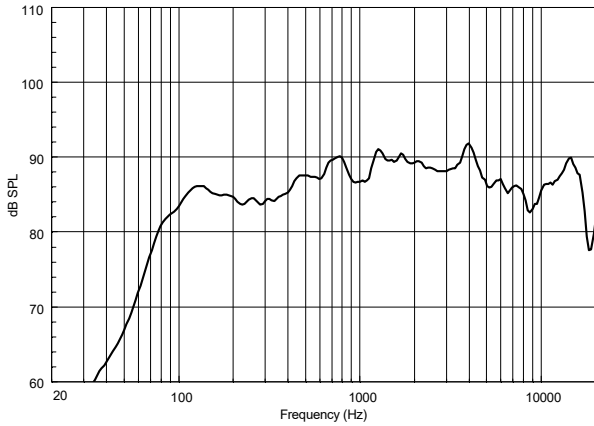
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**DRAWINGS**

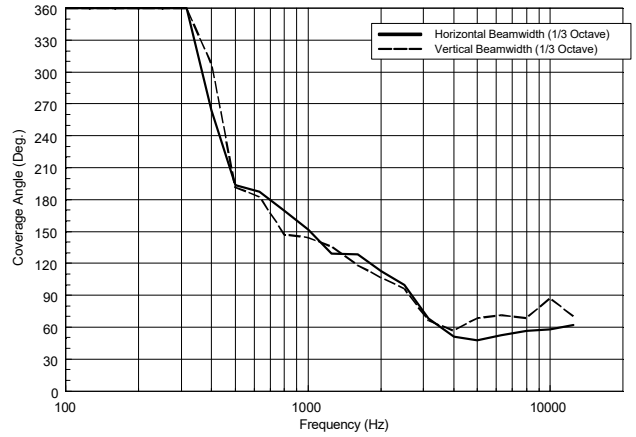




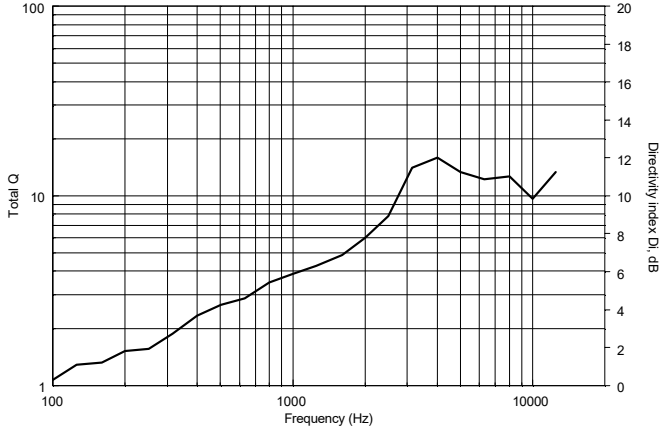
Response 1W/1m



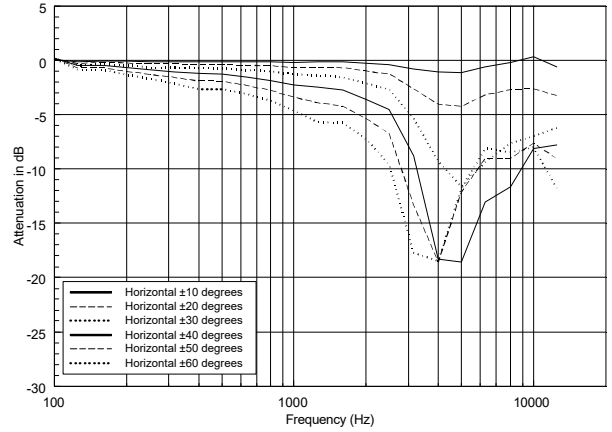
Beamwidth vs. Frequency



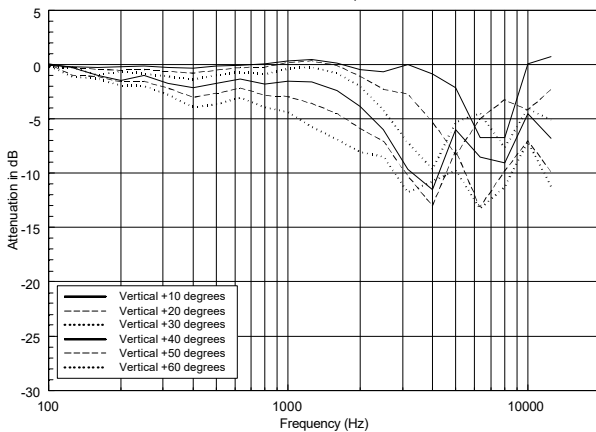
Directivity Index and Q



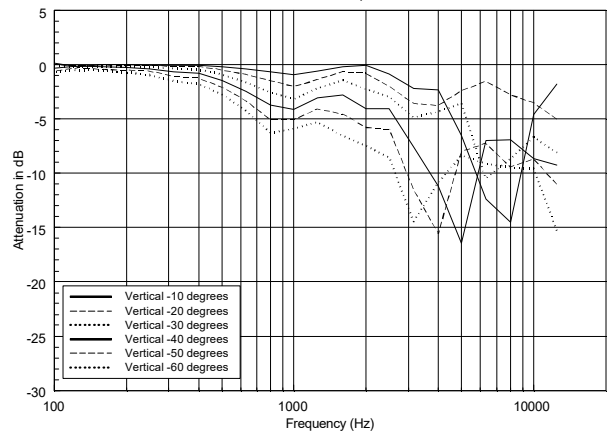
Normalized Horizontal off-axis Response



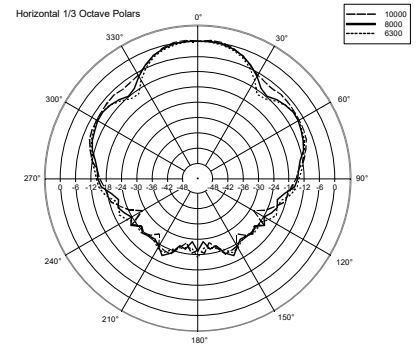
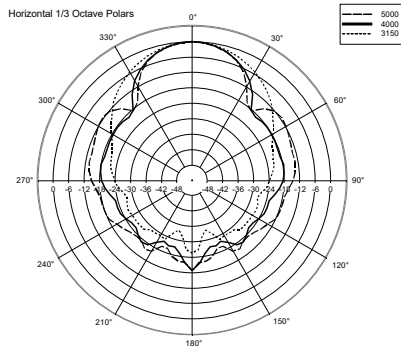
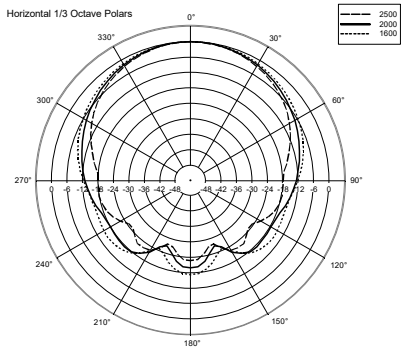
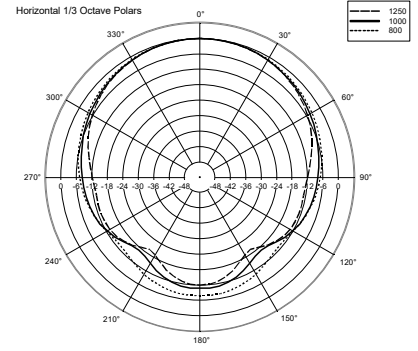
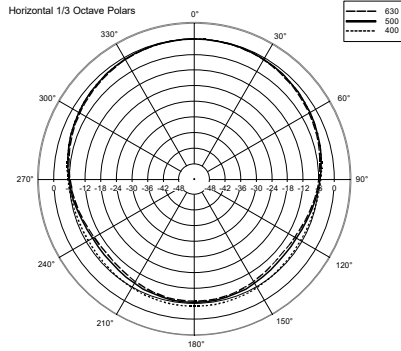
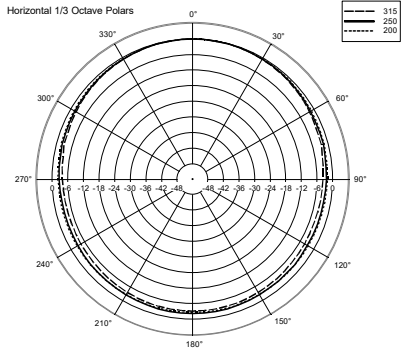
Normalized Vertical off-axis Response. Above the box



Normalized Vertical off-axis Response. Below the box



HORIZONTAL 1/3 POLAR PLOT



VERTICAL 1/3 POLAR PLOT

