

# 10MBX64

## ND MIDBASS



**700 W**  
continuous program  
power capacity

**64 mm (2.5 in)**  
aluminium voice coil

Neodymium inside slug  
magnet assembly

Aluminium  
demodulating ring  
for very low distortion

**99 dB**  
sensitivity

**65 - 6000 Hz**  
response

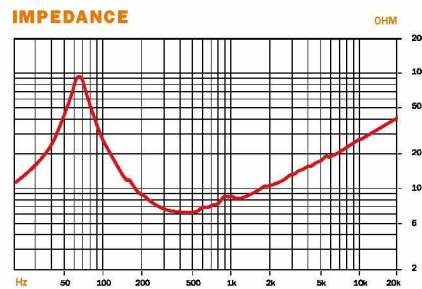
Ventilated voice coil  
gap for reduced power  
compression



### SENSITIVITY



### IMPEDANCE



### SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
Power Handling	
Nominal (AES) <sup>1</sup>	350 W
Continuous Program <sup>2</sup>	700 W
Sensitivity (1W/1m) <sup>3</sup>	99 dB
Frequency Range	65 - 6000 Hz
Voice Coil Diameter	64 mm (2.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	13 mm (0.51 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.25 T
Magnet Material	Neodymium Inside Slug
Waterproof Cone Treatment	Impregnated Cone

### THIELE & SMALL PARAMETERS<sup>4</sup>

Fs	65 Hz
Re	5.4 Ω
Qes	0.28
Qms	4.0
Qts	0.26
Vas	26 dm <sup>3</sup> (0.92 ft <sup>3</sup> )
Sd	346 cm <sup>2</sup> (53.63 in <sup>2</sup> )
η <sub>o</sub>	3.1 %
X max	± 4.5 mm
X var	± 5.0 mm
Mms	33 g
Bl	17.1 T·m
Le	0.44 mH
EBP	232 Hz

### MOUNTING AND SHIPPING INFORMATION

Overall Diameter	261 mm (10.28 in)
Bolt Circle Diameter	245 mm (9.6 in)
Baffle Cutout Diameter	230 mm (9 in)
Depth	125 mm (4.92 in)
Flange and Gasket Thickness	14 mm (0.5 in)
Air volume occupied by driver	1.5 dm <sup>3</sup> (0.05 ft <sup>3</sup> )
Net Weight	3.2 kg (7.05 lb)
Shipping Weight	3.8 kg (8.38 lb)
Shipping Box	295x314x175 mm (11.61x12.36x6.89 in)
Service kit	RCK10MBX64-8

<sup>1</sup> Two hour test made with continuous pink noise signal (6 dB crest factor) within the specified range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.

<sup>2</sup> Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

<sup>3</sup> Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.

Average SPL from 300 to 3000 Hz.

<sup>4</sup> Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Also available in 16 Ω, data upon request