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SERIES**

# 10NT-65MB

Neodymium Magnet Die-cast Chassis Driver

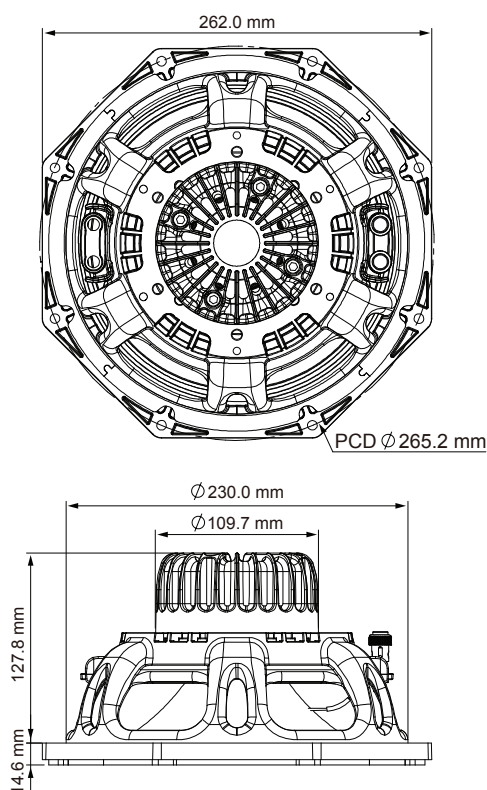
## Features

- 2.5" Voice coil high temperature
- 500 Watts continuous program power capacity
- Neodymium magnetics
- Precision rectangular wire geometry
- Die cast aluminum chassis
- Integrated double demodulation ring
- Weather protected cone

## Applications

- 10" Neodymium ultra low distortion midrange driver for use in high power lineary and fixed installation professional loudspeaker enclosures

The P Audio 10NT-65MB is a high performance wide bandwidth transducer optimized for use in mid bass frequencies. The 10NT-65MB is an upgraded design that features many of P Audios new technologies and performance upgrades. The 10 inch (254mm) diameter piston will produce extremely high sound pressure levels at both low and mid band frequencies and is ideal for high level response in both live sound and recorded music venues. The transducer uses very high energy neodymium magnetics to achieve a very high acoustic output to weight ratio. The 10NT-65MB has been optimized for use in two way or three way sound reinforcement systems and has an operating range of 75Hz to 3500Hz. The 10NT-65MB features a large 2.5 inch (63.7mm) diameter voice coil that provides an AES rated 500W of continuous program power capacity and a full 1000W of peak rated power handling when sufficient amplifier headroom is available. The perfect match of material and geometry mean ultra-low distortion of cone movement and ultra-low distortion of sound. Coating keeps the cone rigid and waterproof during operation. The voice coil design is a bobbin wound geometry with P Audio's edge wound rectangular wire technology to improve conversion efficiency and provide a large cross-sectional area for superior cooling. The transducer chassis is a die cast aluminum design that insures a very high degree of structural integrity.



## General Specifications

Nominal Diameter	254 mm (10 in)
Nominal Impedance	8 $\Omega$
Nominal Power Handling	250 W(AES)
Continuous Program Power Capacity	500 W
Sensitivity	98 dB
Frequency Range	75-3500 Hz
Voice Coil Diameter	63.7 mm (2.5 in)
Voice Coil Material	Flat aluminium wire
Former Material	Kapton
Effective Piston Diameter	210.5 mm (8.3 inch)
Flux Density	1.25 T

## Physical Information

Magnet Material	Neodymium
Basket Material	Aluminium
Surround Material	Cloth
Cone Material	Paper
Dust Cap Material	Paper
Spider Material	Cotton
Gasket	EVA
Pole Design	Straight Pole
Woofer Cone Treatment	Waterproof Front Side

## Parameters

Fs	78 Hz	Vas	25.21 lt
Re	6.5 $\Omega$	Sd	346.3 cm <sup>2</sup>
Qms	7.12	Le	0.42 mH
Qes	0.55	Eff ( $\eta_0$ )	2.13%
Qts	0.51	Cms	1.4 e-04 m/N
BL	12.70 Tm	Xmax	3.5 mm
Mms	27.64 g	Hag	8.0 mm
Mmd	23.93 g	Hvc	15.0 mm

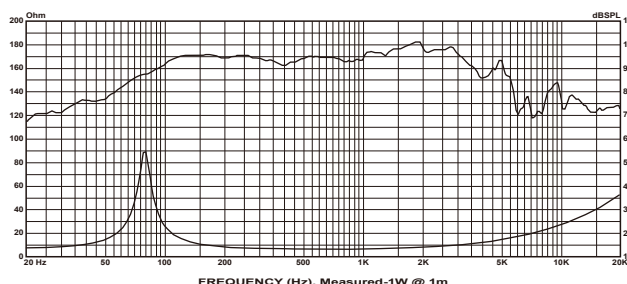
## Mounting and Shipping Info

Diameter	262.0 mm (10.3 in)
Baffle Cutout Diameter	230.0 mm (9.1 in)
Mounting Hole Diameter	265.5 mm (10.5 in)
Bolt Circle Diameter	8 x $\varnothing$ (6.5) mm
Depth	127.8 mm (5.0 in)
Flange and Gasket Thickness	17.5 mm
Net Weight	N/A
Shipping Units	1
Shipping Weight	N/A
Shipping Box	285 x 285 x 180 mm

## Recone Kit

Model no.

## Frequency response and Impedance curve



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REV 3