

BMD
SERIES

BM-D38S 2016

High Frequency Ferrite Compression Driver

Features

- 100 W continuous program power capacity
- 0.87" Horn Throat diameter
- 37.5 mm (1.47 inch) voice coil
- Mylar Diaphragm
- 800 - 15000 Hz respons
- 106 dB sensitivity



The P. Audio BM-D38S 2016 is a small format diaphragm compression driver designed for mid range and extended high frequency applications in two way professional sound reinforcement systems. The BM-D38S 2016 features a newly developed pure polyethylene terephthalate (PET) diaphragm assembly. This new diaphragm and suspension produces audibly superior time domain response and cleaner mid band tonal performance.

The small format design is excellent for wide bandwidth applications and is ideal for medium sized sound reinforcement systems using 8 inch (203mm) and 10 inch (254mm) woofers. The driver has a rated bandwidth of 1kHz to beyond 20kHz. This wide bandwidth makes the BM-D38S 2016 ideal for many mid range applications as well as wide range ultra high frequency applications. The BM-D38S 2016 is a Ferrite based permanent magnet system that features a 1.47 inch (37.5mm) diameter diaphragm assembly. The driver also features a newly designed exit flare geometry to improve driver to horn transition. The driver has mid band output rating of 106dB with a one watt input measured at one meter.

This design features P. Audio's legendary high temperature systems to insure both high power handling and high reliability. The BM-D38S 2016 features an industry standard 0.87 inch screw on style exit that allows the driver to easily mate to any high frequency horn with a standard 1 inch screw on mounting.

General Specifications

Throat Diameter	22 mm (0.87 in)
Nominal Impedance	8 Ω
Nominal Power Handling	50 W(AES)
Continuous Program Power Capacity	100 W
Sensitivity	106 dB
Frequency Range	800-15000 Hz
Voice Coil Diameter	37.5 mm (1.47 in)
Winding Material	CCA-W
Recommended Crossover	800 kHz
Diaphragm Material	Mylar
Flux Density	1.7T
Magnet Material	Ferrite
Mounting Type	Screw On

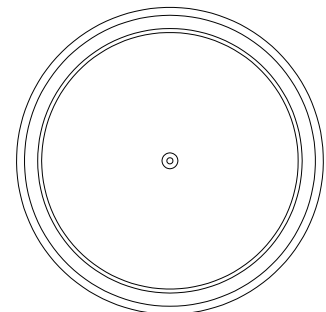
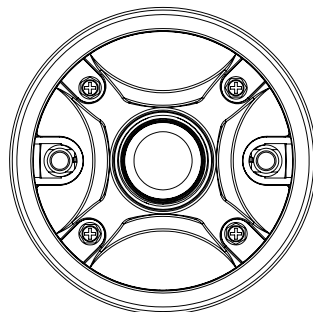
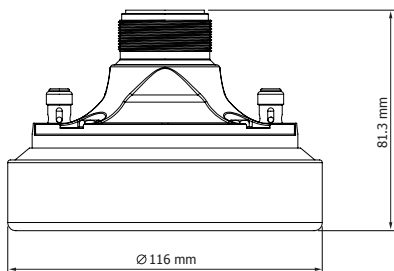
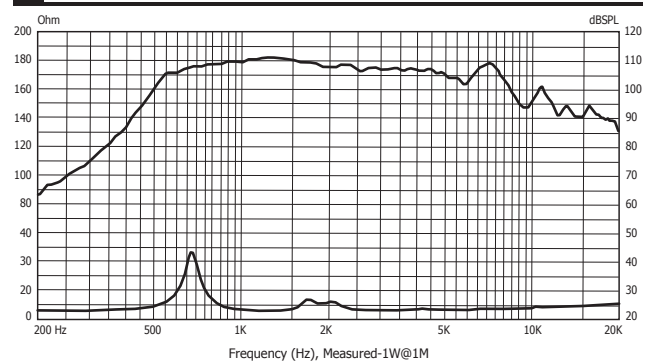
Mounting and Shipping Info

Overall Diameter	116 mm (4.6 in)
Mounting hole diameter	Screw (34.4 mm / 1.35 in)
Depth	81.3 mm (3.2 in)
Net Weight	1.75 kg
Shipping Units	12 pcs
Shipping Weight	22.0 kg
Shipping Box	385 x 300 x 230 mm

Service Kit

Replacement Coil	F05029004411PAA
------------------	-----------------

Frequency response and Impedance curve



STH PROFESSIONAL AUDIO CO.,LTD.

AIA Sathorn Tower, unit 1607-1608, 16th floor, No.11/1, South Sathorn Road, Yannawa, Sathorn, Bangkok 10120

REV 1