



Product Specification

General Specifications

Type	Compression Driver			
Throat Diameter	1	inch	25.4	mm
Diaphragm Diameter	1	inch	25.4	mm
Nominal Impedance	8	Ω		
Voice Coil DC Resistance	6.2	Ω		
Power Handling Capacity	25	W(AES)		
Frequency Bandwidth (\pm 3dB)	1.8k-20k	Hz		
Sensitivity @ 1W 1M	106	dB	load with JH561	
Recommended Crossover	2.5k	Hz	12dB/Octave Slope	
Mounting Type	BOLT ON			

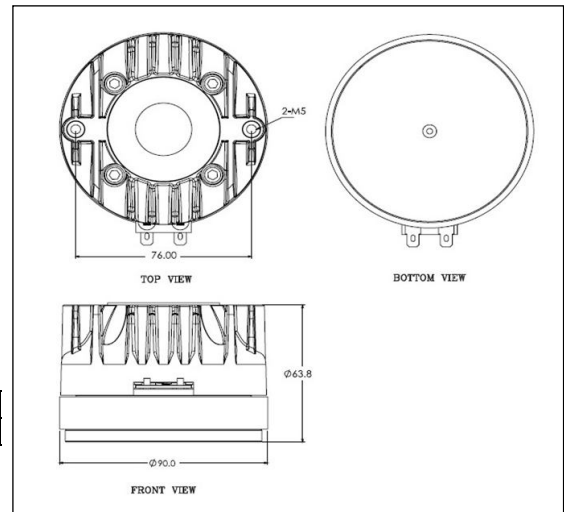
Code Number	F01020100401PAA		
Model Name	BM-D26 8OHM		
Description	Compression Driver		
Customer Name	PAUDIO		
Engineer	ART	Date	7/7/2014
Approved		Date	7/7/2014

Physical Information

Magnet	Type	Ferrite Y30		
	Size (mm)	90	36	15
	Volume	14.1 oz.		
Cover	Material	Plastic		
	Color	Black		
Voice Coil	Wire	CCA-R		
	Former	KSV		
Diaphragm	Material	PEI		
	Color	METALIC SILVER		
Packing Quantity	12 PCS			
Safe & Proper size	(mm)	300	385	230
	(inch)	11.8	15.2	9.1
	cu.ft	0.94		

Dimensions

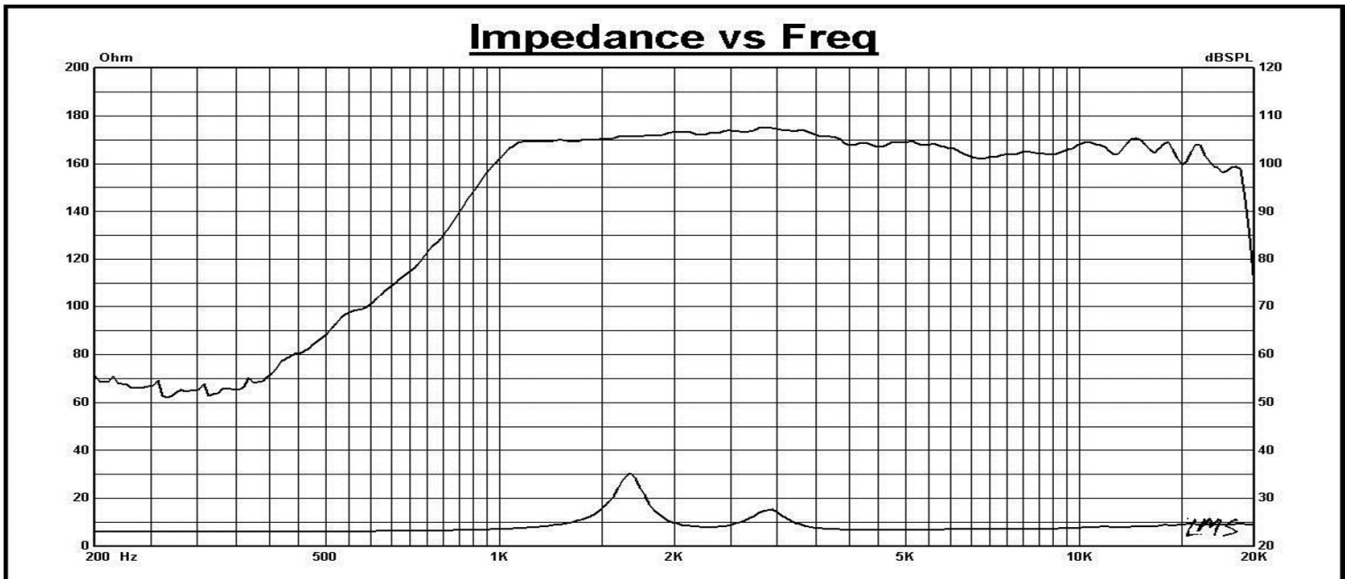
Overall Diameter	90	mm	3.5	inch
Mouting Hole Diameter	2 \emptyset 5 mm PCD 76.00 mm			
Mouting Hole Diameter				



Power Test

Apply Voltage	12.8	V	Duration	2	hour
Low Pass	2500	Hz	Hi Pass	20000	Hz

Frequency Response



Revision	B
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BM-D™ Series II BM-D26S



High Output Compression Driver

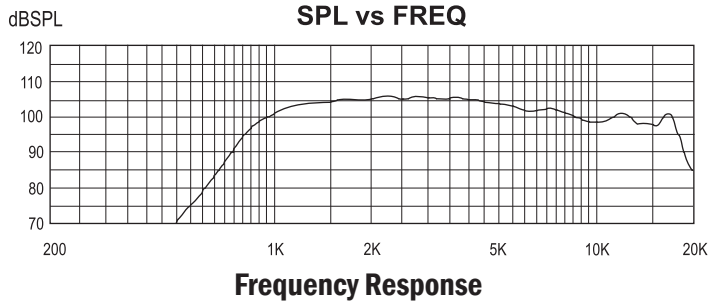
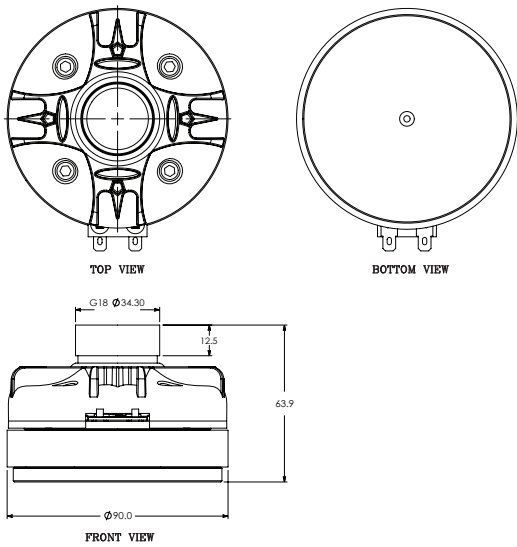
The P Audio BM-D26S is a 1 inch (25.4mm) small format diaphragm compression driver coupled to a high density magnetic circuit. The compression driver exit diameter is an industry standard 1 inch (25.4mm). The BM-D26S combines high magnetic field strength and a very lightweight diaphragm assembly, producing a very high output device that also features extended bandwidth and well defined frequency response. The BM-D26S is optimized for very high performance two way system designs as well as three way designs featuring bass, mid bass, and ultra high frequency transducers. The driver has a rated low frequency response limit of 1.5kHz and features extended response to beyond 2kHz.

The BM-D26S is a Ferrite based magnetic system with an FEA (Finite Element Analysis) modeled magnetic circuit designed to yield very high magnetic density and high acoustic conversion efficiency. The light weight diaphragm design and optimized geometry insure extended response and very high acoustic output capability in the mid range. The diaphragm assembly features P Audio's high temperature systems to insure very high reliability and elevated power handling.

The BM-D26S features an industry standard screw-on style mounting system that is ideally mated to all P Audio PH series high frequency horns as well as any industry standard high frequency horn that can accommodate a standard 1 inch "screw-on" mounting pattern.

Specifications

Throat Diameter	1.0 inch (25.4mm)
Diaphragm Diameter	1.0 inch (25.4mm)
Nominal Impedance	8 Ohm
Voice Coil DC Resistance	6.2 Ohm
Power Handling	30 Watt
Sound Pressure Level (1W@1M) (Loaded with 90x40 Horn)	106 dB
Mounting Type	Screw On
Magnet	Ferrite
Diaphragm Material	PEI (Polyimide Film)
Recommended Crossover	1.5kHz or higher (12dB/Oct slope)
Net Weight	1.03kg (2.3lbs) 1pc
Gross Weight	25.5kg (56.1lbs) 24pcs
Packing Dimension HxWxD(cm)	18.0 x 40.2 x 30.4 (0.81 Cu.Ft.)



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