

**Ferrite Magnet Compression Driver**



**Specifications**

**General Specifications**

Power rating.....	50 W(AES)
Nominal impedance.....	8Ω
Sensitivity.....	105 dB
Frequency range.....	1200-20000 Hz
Recommended min. crossover (12dB/oct).....	1500 Hz
Voice coil diameter.....	44.4mm/1.75 in
Voice coil material.....	AL-R
Magnet type.....	Ferrite
Diaphragm and surround material .....	Titanium
Net Weight.....	1.6 kg/3.53 lb
Packing Dimension WxDxH(mm)...	240mm x360mm x145mm
Shipping Weight (12 Pcs).....	20 kg/44.1 lb

**Features**

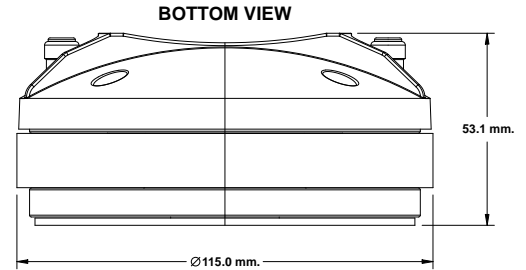
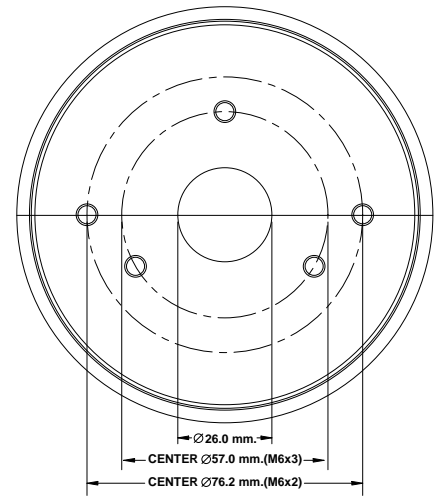
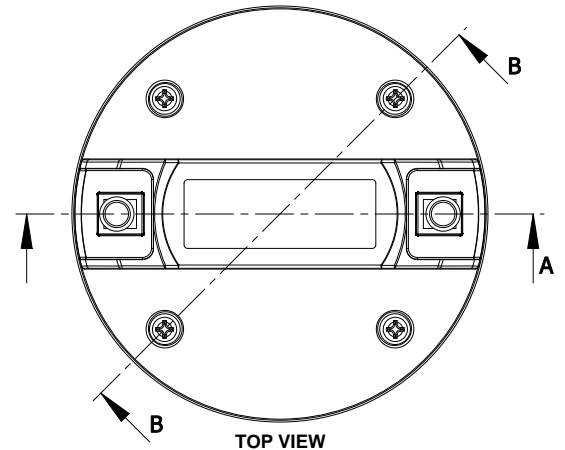
- Medium Format Wide Bandwidth Compression Driver
- 1" Exit Diameter
- 200 Watts Peak Power Handling
- Pure Titanium Based 1.75" Diaphragm Diameter
- Bolt On Mounting
- Ferrite Magnetics

**Applications**

The P Audio SD-44BF is a medium format compression driver that utilizes a precision formed diaphragm assembly. The titanium diaphragm is precision formed to insure excellent consistency and performance. The diaphragm assembly is close spaced to a precision phase plug to insure excellent acoustic loading. The SD-44BF has an operating range of 1200Hz to 20000Hz and is ideally suited for two way and three way high frequency applications in professional sound reinforcement systems.

The SD-44BF is a ferrite based magnetic system with an industry standard 1 inch (25.4mm) exit diameter. The mounting configuration is a standard "bolt on" style. P Audio offers a wide variety high frequency horns that will provide excellent pattern control and acoustic loading for the SD-44BF.

The diaphragm assembly is a 1.75 inch (44.4mm) diameter commercially pure titanium design and utilizes P Audio's very high temperature adhesive systems and precision manufacturing to insure high power handling and reliability. The construction yields a full 50 watts of power handling capacity. The larger diaphragm diameter (1.75 inch) provides superior mid band response and is an excellent choice for medium power professional sound reinforcement systems.



**Frequency Response and Impedance Curves**

