



High Frequency Horn PH-2420

Applications

PH-2420 HIGH FREQUENCY HORN

The PH-2420 is a 1 inch bolt on style high frequency horn. The design features a 90 degree horizontal by 40 degree vertical radiation pattern. The PH-2420 is ideal for use in two way sound reinforcement systems where the low frequency component is a 10 inch, 12 inch or 15 inch loudspeaker. The horn may be used as part of a medium format sound reinforcement system in applications such as retail locations, foreground and background music reproduction systems and in restaurants.

The PH-2420 is an injection molded design that utilizes very high impact ABS with glass filling for additional structural support. The screw on 1 inch throat is compatible with a wide variety of P Audio compressions drivers such as the PreNeo and BMD series professional compression drivers. The acoustic loading allows the PH-2420 to be used down to 1200Hz.

The PH-2420 may be used with the following P.audio professional compression drivers. (or any industry standard compatible driver)

- BM-D440
- BM-D450
- PreNeo-450N
- PA-DE34



Specifications

Nominal Coverage Angle (H° X V°) - 6 dB.	90° x 40°
Cut Off Frequency (Hz.)	600 Hz
Throat Diameter	25.4mm. (1")
Mounting Type	BOLT ON
Construction	Injected Polymer A.B.S.with glass fiber filled Black Polycarbonate

MOUNTING DIMENSIONS :

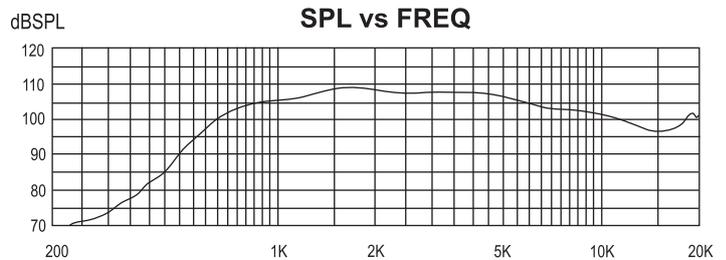
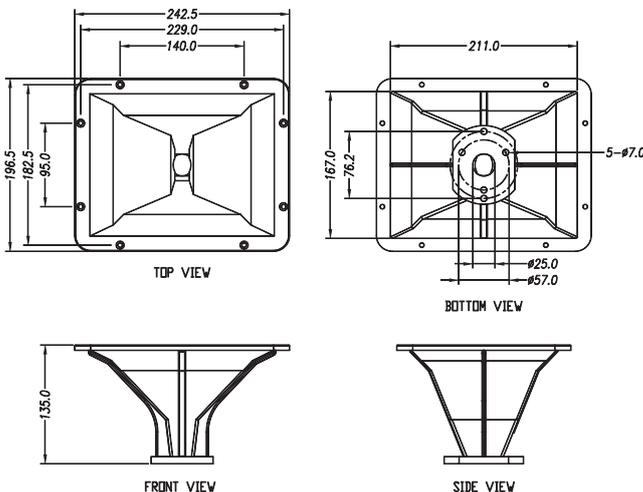
Rear Height :	164mm (6.06")
Rear Width :	211mm (8.30")

OVERALL DIMENSIONS :

Mount Height :	196mm (7.71")
Mount Width :	242mm (9.52")
Length :	135mm (5.31")

BAFFLE CUTOUT DIMENSIONS :

Height :	168mm (6.61")
Width :	212mm (8.30")
Net Weight :	0.45kg (0.99 lbs)
Shipping Weight :	0.76kg (1.67 lbs)
Packing Dimension :	210mm x 255mm x 175mm 8.26" x 10.03" x 6.88"



Response of horn with BM-D440

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