



High Frequency Horn PH-4528

Applications

PH-4528 HIGH FREQUENCY HORN

The PH-4528 is a medium to long throw, high Q horn design. The horn features a 60 degree horizontal by 40 degree vertical radiation pattern and is ideal for applications where very directional acoustic radiation is specified. The large diameter 2 inch throat design is ideal for high sound pressure levels and low distortion through the mid band frequency range. The 2 inch diameter throat make the PH-4528 compatible with many P Audio PreNeo and BMD series professional compression drivers.

The PH-4528 offers a wide horizontal mouth and improves pattern control to below 1000Hz. The width of the horn makes the PH-4528 ideal for use with 15 inch loudspeakers in professional level two way system designs. The horn is compatible with many competitive compression driver designs because of its industry standard throat diameter.

The PH-4528 is constructed from high impact ABS with additional glass fillers for superior structural support and rigidity.

The PH-4528 may be used with the following P.audio professional compression drivers. (or any industry standard compatible driver)

- BM-D750
- PreNeo-750



Specifications

Nominal Coverage Angle (H° X V°) - 6 dB.	60° x 40°
Cut Off Frequency (Hz.)	400 Hz
Throat Diameter	50mm (2")
Mounting Type	BOLT ON
Construction	Injected Polymer A.B.S with glass fiber filled Black Polycarbonate

MOUNTING DIMENSIONS :

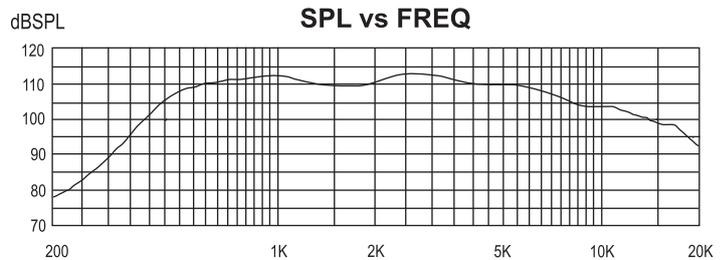
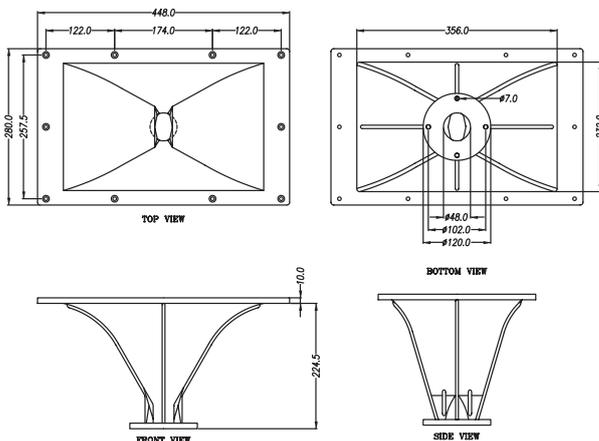
Rear Height :	356mm (14.01")
Rear Width :	232mm (9.13")

OVERALL DIMENSIONS :

Mount Height :	448mm (17.63")
Mount Width :	280mm (11.02")
Length :	235mm (9.25")

BAFFLE CUTOOUT DIMENSIONS :

Height :	360mm (14.17")
Width :	235mm (9.25")
Net Weight :	2 kg (4.4 lbs)
Shipping Weight :	2.5 kg (5.5 lbs)
Packing Dimension :	300mm x 475mm x 265mm 11.8" x 18.7" x 10.4"



Response of horn with BM-D750

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