

# High Frequency Horn PH-3520

## Applications

### PH-3520 HIGH FREQUENCY HORN

The PH-3520 is a medium to long throw high frequency horn. The design is a constant directivity style that provides a rated coverage pattern of 60 degree by 40 degree. The rectangular mouth geometry provides excellent coverage control in the horizontal plane.

The PH-3520 is a 1 inch (25.4mm) throat design that is an industry standard and compatible with a wide variety of P Audio PreNeo and BMD series professional compression drivers.

The PH-3520 is constructed of high impact ABS and the horn mouth dimensions of 13.5 inches (345mm) by 7.7 inches (197mm) make the horn ideal for use in medium to long throw professional level sound reinforcement systems where the low frequency section is provided by either a 12 inch or 15 inch direct radiator loudspeaker. The large mouth dimensions allow the horn to be used below 1000Hz.

The PH-3520 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.	60° x 40°
Cut Off Frequency ( Hz.)	450 Hz
Throat Diameter	25.4mm. (1")
Mounting Type	BOLT ON
Construction	Injected Polymer A.B.S.with glass fiber filled Black Polycarbonate

### MOUNTING DIMENSIONS :

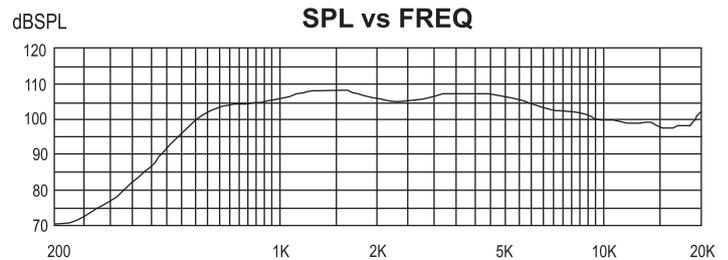
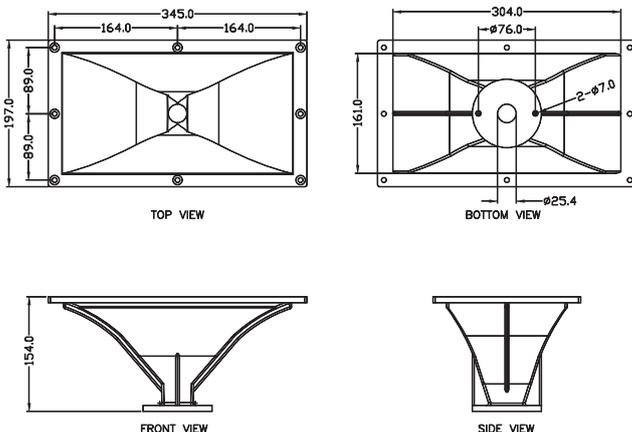
Rear Height :	163mm (6.41")
Rear Width :	308mm (12.12")

### OVERALL DIMENSIONS :

Mount Height :	197mm (7.75")
Mount Width :	345mm (13.58")
Length :	154mm (6.06")

### BAFFLE CUTOUT DIMENSIONS :

Height :	167mm (6.57")
Width :	312mm (12.28")
Net Weight :	1kg (2.2 lbs)
Shipping Weight :	1.4kg (3.08 lbs)
Packing Dimension :	205mm x 355mm x 176mm 8.07" x 13.97" x 6.92"



**Response of horn with BM-440**

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