



# High Frequency Horn PH-2510

## Applications

### PH-2510 HIGH FREQUENCY HORN

The PH-2510 is a diffraction style high frequency horn. The low profile height of 4.33 inches (112mm) makes the PH-2510 an excellent choice for applications where a short system height is desired or specified. The mouth dimensions of 4.33 inches (110mm) by 10.36 inches (259mm) provide a wide 100 degree horizontal coverage. The narrow mouth also provides a wide vertical coverage by acting as a diffraction slot. The vertical coverage of 80 degree makes the PH-2510 ideal for very wide dispersion applications and short throw.

The PH-2510 is a 1 inch (25.4mm) screw on type horn and is compatible with many P Audio PreNeo, BMD and PA series professional compression drivers. The horn construction is a high impact ABS material with glass filling to provide additional structural support for the compression driver. The PH-2510 may be used in two way systems where the low frequency component is a 10 inch, 12 inch or 15 inch loudspeaker. Good acoustic loading allow the horn to be used down to 1200Hz.

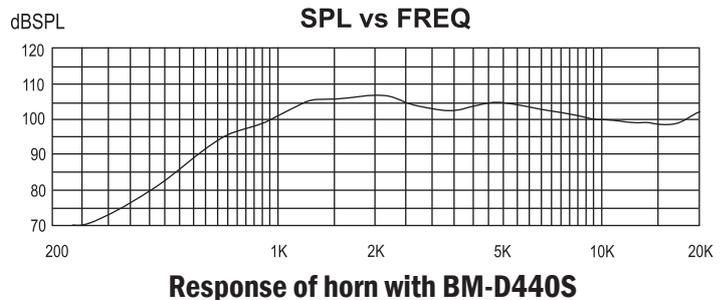
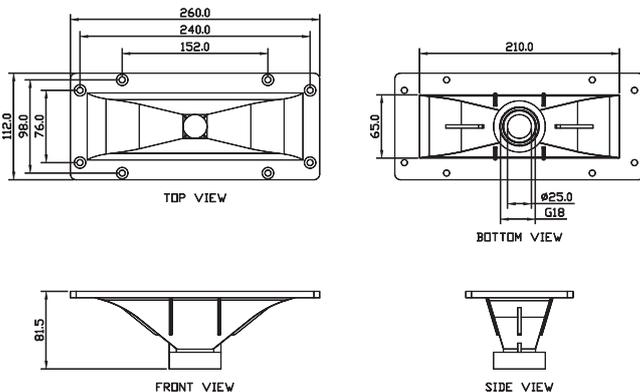
The PH-2510 may be used with the following P.audio professional compression drivers. ( or any industry standard compatible driver )

- BM-D440S
- BM-D450S
- PreNeo-340S
- PA-D25
- PA-D26S
- PA-D26SPN
- PA-D38
- PA-D415S
- PA-DE34S



## Specifications

Nominal Coverage Angle ( H° X V°) - 6 dB.	100° x 80°
Cut Off Frequency ( Hz.)	780 Hz
Throat Diameter	25.4mm. (1")
Mounting Type	SCREW ON
Construction	Injected Polymer A.B.S.with glass fiber filled Black Polycarbonate
<b>MOUNTING DIMENSIONS :</b>	
Rear Height :	65mm (2.56")
Rear Width :	210mm (8.27")
<b>OVERALL DIMENSIONS :</b>	
Mount Height :	112mm (4.41")
Mount Width :	260mm (10.24")
Length :	82mm (3.23")
<b>BAFFLE CUTOUT DIMENSIONS :</b>	
Height :	75mm (2.95")
Width :	220mm (8.66")
Net Weight :	0.26kg (0.57 lbs)
Shipping Weight :	0.34kg (0.74 lbs)
Packing Dimension :	114mm x 263mm x 86mm 4.48" x 10.35" x 3.38"



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