

Applications

PHT-407

The PHT-407 is a horn loaded super tweeter designed for use in three way systems or small background two way designs. The PHT-407 offers a high sensitivity of 98dB SPL at one watt and one meter. This makes the system an excellent choice over conventional direct radiator tweeter designs when high acoustic output is required without a loss in operating bandwidth. The PHT-407 offers extended response to beyond 20kHz. The system a true super tweeter and, combined with the high, professional level, output capability mean the PHT-407 can be used in many applications where direct radiator high frequency devices are not capable.

The high frequency horn is a rugged ABS resin with additional glass filling for both structural integrity and mechanical damping. The 1 inch diameter (25.4mm) diaphragm assembly and P Audio designed assembly methods make the device and excellent choice for high fidelity music systems in restaurants, pubs and retail spaces.



Specifications

Diaphragm Diameter	1.0 inch (25.4mm)
Nominal Impedance	8 Ohm
Voice Coil DC Resistance	8 Ohm
Power Handling	15 Watt
Sound Pressure Level (1W@1M)	98 dB
Magnet	Ferrite
Diaphragm Material	Polyimide Film
Horn Material	A.B.S With Glass Filled Black Polycarbonate
Nominal Coverage Angle -6 dB	60°
Cutoff frequency	2 kHz
Baffle cutout dimension	Ø 75 mm Ø 2.95"
Net Weight	0.90kg (1.98 lbs)
Shipping Weight	0.96kg (2.11 lbs)

