HD1050

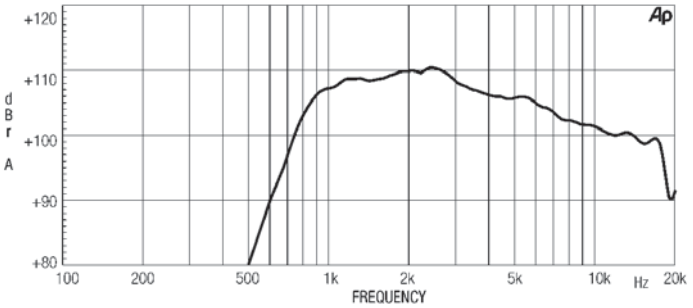
HF Compression Driver

107 dB SPL 1W / 1m average sensitivity
1 inch exit throat
44 mm (1 3/4 inch) voice coil diameter
100 Watt program power handling
Titanium dome over PEN suspension
Proprietary phase plug design

GENERAL SPECIFICATIONS

Throat Diameter	25,4 mm (1 in)
Rated Impedance	8 Ohm
DC Resistance	5,3 Ohm
Minimum Impedance	7 Ohm at 4000Hz
AES Power (1)	50 W above 1,6 kHz
Program Power (2)	100 W above 1,6 kHz
Sensitivity (3)	107 dB
Frequency Range	1600Hz - 20kHz
Recomm. Xover Frequency	1600Hz (12dB/oct slope)
Diaphragm Material	Titanium - PEN
Voice Coil Diameter	44,4 mm (1 3/4 in)
Voice Coil Winding Material	Edge-wound aluminum
Magnet Material	Ferrite
Flux Density	1,6 T
BL Factor	7,4 N/A
Polarity	Positive voltage on + terminal gives positive pressure in the throat

FREQUENCY RESPONSE CURVE

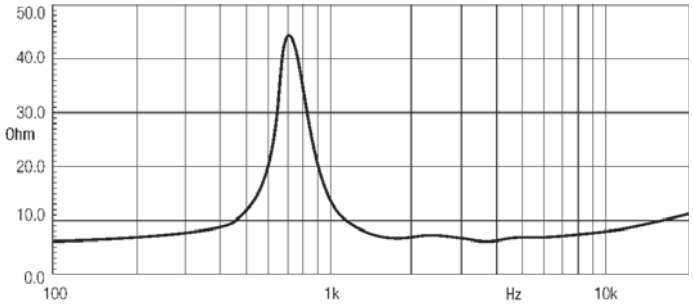


HD1050 MEASURED WITH 1W INPUT ON RATED IMPEDANCE AT 1M DISTANCE ON XT1086 HORN MOUTH AXIS

MOUNTING INFORMATION

Overall diameter	110 mm (4,3 in)
N. of mounting holes and bolt	4 M6 holes 90° at Ø 76 mm (3 in)
Bolt circle diameter	76 mm (3 in)
Total depth	60,5 mm (2,38 in)
Net weight	1,8 Kg (4 lb)
Shipping weight	1,9 Kg (4,22 lb)
CardBoard Packaging dimensions	110x110x63 mm (4,3x4,3x2,5 in)

FREE AIR IMPEDANCE MAGNITUDE CURVE



NOTES

1) AES power rating is tested with a pink noise input having a 6 dB crest factor for two hours duration within the specified range. Power calculated on minimum impedance.
2) Program power rating is defined as 3 dB greater than AES rating, and is a conservative expression of the transducer ability to handle music program material.
3) Sensitivity is measured at 1W input on rated impedance at 1m on axis from the mouth of XT1086 horn, averaged between 1kHz and 4 kHz.