



HD1030

HF Compression Driver

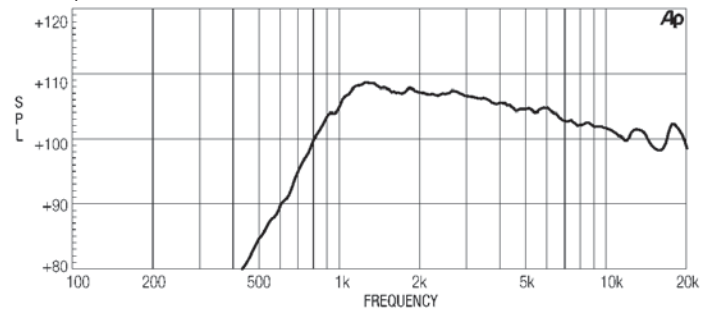
- 1 inch exit throat
- 106 dB SPL 1W / 1m average sensitivity
- 34,4 mm (1 1/3 inch) voice coil diameter
- 60 Watt program power handling
- Titanium diaphragm
- Proprietary phase plug design
- Usable in two way or multiway systems



GENERAL SPECIFICATIONS

Throat Diameter	25,4 mm (1 in)
Rated Impedance	8 Ohm
DC Resistance	5,8 Ohm
Minimum Impedance	6,5 Ohm at 5000Hz
Le (at 1kHz)	54 µH
AES Power (1)	30 W above 2 kHz
Program Power (2)	60 W above 2 kHz
Sensitivity (3) (1W@1m)	106 dB
Frequency Range	1800Hz - 20kHz
Recomm. Xover Frequency	1800Hz 12dB/oct slope
Diaphragm Material	Titanium
Voice Coil Diameter	34,4 mm (1 1/3 in)
Voice Coil Winding Material	Edge-wound aluminum
Magnet Material	Ferrite
Flux Density	1,5 T
BL Factor	5 N/A

FREQUENCY RESPONSE CURVE

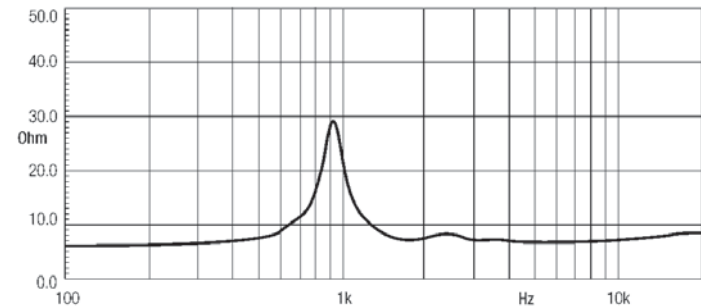


HD1030 MEASURED WITH 1W INPUT ON RATED IMPEDANCE AT 1M DISTANCE ON XT1086 HORN MOUTH AXIS

MOUNTING INFORMATION

Overall diameter	91 mm (3.6 in)
N. of mounting holes and bolt	4 M5 holes on Ø 76 mm (3 in)
Bolt circle diameter	76 mm (3 in)
Total depth	51 mm (2 in)
Net weight	1 kg (2.18 lb)
Shipping weight	1.2 Kg (2.61 lb)
CardBoard Packaging dimensions	97x97x58 mm (3,8x3,8x2,3 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.