

HD2080T

HF Compression Driver

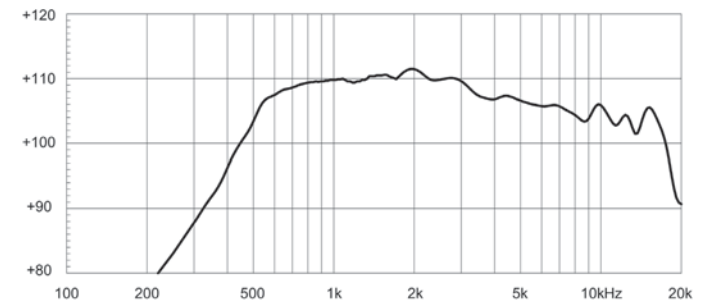
109 dB SPL 1W / 1m average sensitivity
 2 inch exit throat
 3 inch edgewound aluminum voice coil
 200W program power handling
 Polyethylene - Titanium diaphragm assembly
 Copper shorting ring on pole pieces



GENERAL SPECIFICATIONS

Throat Diameter	50 mm (2 in)
Rated Impedance	8 Ohm
DC Resistance	6,2 Ohm
Minimum Impedance	8 Ohm at 3500Hz
AES Power (1)	100W above 1,2 kHz
Program Power (2)	200W above 1,2 kHz
Sensitivity (3)	109 dB
Frequency Range	500Hz - 20kHz
Recomm. Xover Frequency	above 800Hz (12dB/oct slope)
Diaphragm Material	Titanium - Polyethylene
Voice Coil Diameter	75 mm (3 in)
Voice Coil Winding Material	Edge-wound aluminum
Magnet Material	Ferrite
Flux Density	1,8 T
BL Factor	12,8 N/A
Polarity	Positive voltage on + terminal gives positive pressure in the throat

FREQUENCY RESPONSE CURVE

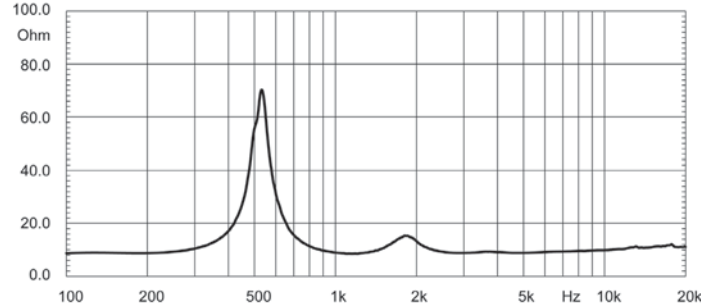


HD2080T MEASURED WITH 1W INPUT ON RATED IMPEDANCE AT 1M DISTANCE ON XR2064 HORN MOUTH AXIS

MOUNTING INFORMATION

Overall diameter	169 mm (6,65 in)
N. of mounting holes and bolt	4 M6 holes 90° at Ø 102 mm (4 in)
Bolt circle diameter	102 mm (4 in)
Total depth	75,4 mm (3 in)
Net weight	5,3 Kg (11,60 lb)
Shipping weight	5,5 Kg (12,10 lb)
CardBoard Packaging dimensions	170x170x80 mm (6,7x6,7x3,2 in)

FREE AIR IMPEDANCE MAGNITUDE CURVE



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 XR2064 horn, averaged between 1kHz and 4 kHz.