

KEY FEATURES

- 600 Watt Max Power (LF)
- 120 Watt Max Power (HF)
- 64 mm (2.5 in) voice coil, copper wire (LF)
- 44 mm (1.73 in) voice coil, aluminium wire (HF)
- Interleaved sandwich voice coil (LF)
- Kapton diaphragm (HF)
- Neodymium magnet assembly
- Copper short, cap for extended frequency response (HF)
- Weather protected membrane for outdoor use (LF)



GENERAL SPECIFICATIONS

HF

Nominal Diameter	10 in - 250 mm	1 in - 25.4 mm
Nominal Impedance	8 Ohm	8 Ohm
Power handling (AES) (*)	300 Watt	60 Watt
Max Power	600 Watt	120 Watt
Frequency Range	60 ÷ 3000 Hz	1000 ÷ 17000 Hz
Voice Coil Diameter	2.5 in - 64 mm	1.7 in - 44 mm
S.P.L. (1w, 1m)	95 dB	106 dB
Nominal Fs	65 Hz	1200 Hz
Flux Density	1.1 T	1.95 T

MECHANICAL & SHIPPING INFORMATIONS

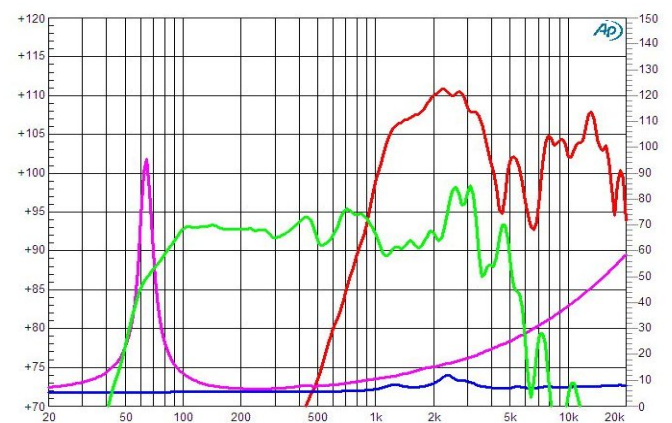
Net weight	3.6 kg
Overall Diameter	266 mm
Overall Depth	138 mm
Baffle Cut Diameter	235 mm
Mounting bolt diameter	253 mm

MATERIALS

Voice Coil Former Material	Kapton (LF-HF)
Voice Coil Wire	Copper (LF), Aluminium (HF)
Membrane Material	Doped Paper (LF), Kapton (HF)
Membrane Shape	Exponential (LF), Dome (HF)
Magnet Type	Neodymium

DIAGRAM

Frequency Response Reflex Box 40 dmc - 2.83 V - 1m



THIELE-SMALL PARAMETERS

Qms	12.72
Qes	0.57
Qts	0.55
Fs	64.30 Hz
Re	5.72 Ohm
Mms	35.71 g
Cms	0.17 mm/N
Bl	12.00 T*m
Sd	355.00 cm ²
Vas	30.33 liter
u0	1.36 %
XMax	5.5 mm
Le	0.71 mH
Rms	1.13 Kg/s
Efficiency Bandwidth	112.20