

CD-140P

COMPRESSION DRIVER



1" / 25.4 mm

SOUND CHANNEL / THROAT SIZE

40 W (A.E.S.)

POWER HANDLING

2 kHz - 18 kHz

FREQUENCY RESPONSE

1.75" / 44 mm

VOICE COIL DIAMETER

105 dB

SENSITIVITY (1W/ 1m)

- + 1" Exit ferrite magnet compression driver.
- + 1.75" / 44mm Copper clad aluminium voice coil.
- + 40 Wrms (AES standard).
- + Polymer diaphragm and surround.
- + Copper inductance ring for extended frequency response.
- + Ferrofluid cooling system.
- + Self aligning diaphragm for easy field replacement.

ELECTRO ACOUSTIC SPECIFICATIONS

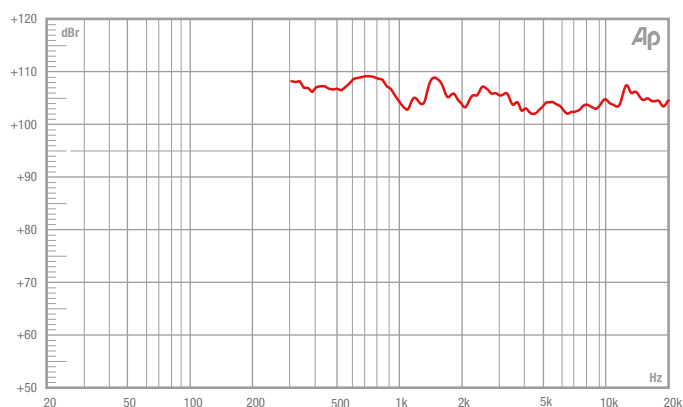
Sound Channel / Throat Size	1" / 25.4 mm
Impedance	8 Ohm / 16 Ohm
Power Handling	40 W (A.E.S.)
Sensitivity (1 W - 1 m)	105 dB
Usable Frequency Range	2 kHz - 18 kHz
Rec. X-over Frequency Filtered at 18dB/ Octave	3.5 kHz
Effective Diaphragm Diameter	1.75" / 44 mm
Voice Coil Diameter	1.75" / 44 mm
Voice Coil DC Resistance	6.2 / 10.5 Ω
Max Diaphragm Displacement	0.032" / 0.8 mm
Flux Density	1.35 Tesla

MATERIALS OF CONSTRUCTION

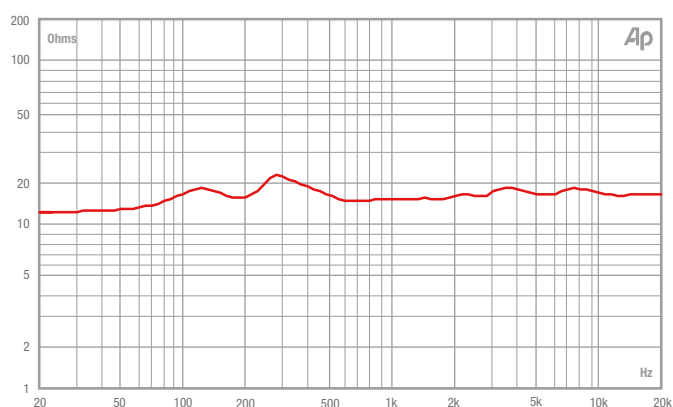
Former Material	Polyamide
Voice Coil Material	Aluminium
Diaphragm Material	Polymer
Surround / Edge Termination	Polymer
Magnet Material	Ferrite
Connectors	6.3 mm spade
Polarity	Positive voltage at red/ positive terminal causes positive pressure at throat exit

MOUNTING / SHIPPING INFO

Overall Diameter	4.00" / 102 mm
Depth	1.97" / 51 mm
Weight	3.4 lb / 1.54 kg
Shipping Weight	3.6 lb / 1.64 kg
Packing Carton Dimensions (mm)	(W) 95 (H) 95 (D) 71
Bolt Fixing Hole Dimensions and Qty.	3x M6 on 57.15 mm PCD / 2x M6 on 76.2 mm PCD

FREQUENCY RESPONSE DATA ⁽³⁾

IMPEDANCE



(1) Please enquire about alternative impedances.

(2) Frequency response measurement taken on axis with 1w signal at distance of 1m using custom horn with 90° x 40° coverage.

(3) Sensitivity measured 1W / 1m.