

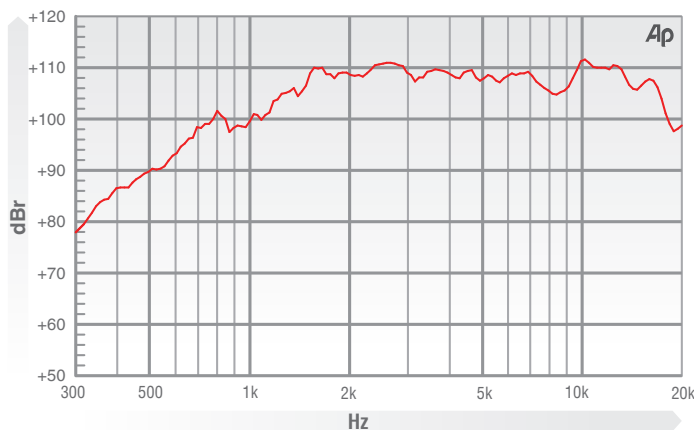


CD-140

- 1" exit ferrite magnet compression driver.
- 1.75" / 43mm copper clad aluminium voice coil.
- Titanium diaphragm with double sinusoidal roll surround (titanium).
- 40 Wrms (AES standard)
- Copper inductance ring for extended response.
- Ferrofluid cooled
- Self aligning diaphragm for easy field replacement.

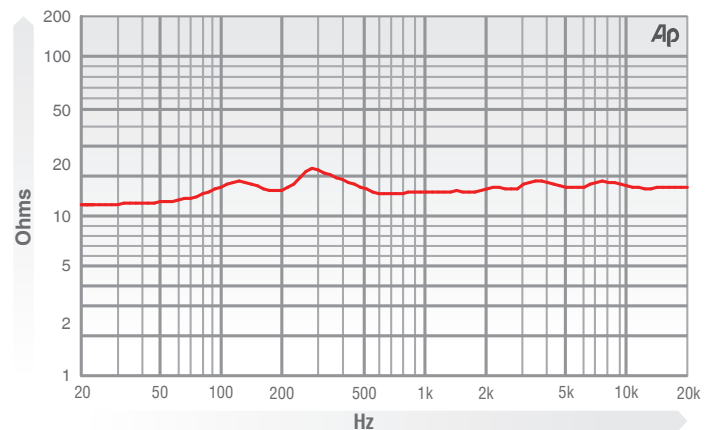
The CD140 is an excellent choice for professionals who are looking to achieve high sound pressure level performance and clarity of sound from compact dimension. The compression driver exit diameter is an industry standard 1 inch (25.4mm). The CD140 combines high BL and a lightweight diaphragm assembly to produce a very high output device that also features extended bandwidth and well defined frequency response. The CD140 is optimised for high performance system designs. The driver has a rated low frequency response limit of 2 kHz and features extended response to 18 kHz. The throat diameter and fixings are industry standard and will match to commercially available high frequency horns. The ferrite based permanent magnetic system produces a very high efficiency to weight and size ratio. This makes the CD140 ideal for high level professional touring applications as well as high level fixed installation.

FREQUENCY RESPONSE DATA*



Frequency response measurement taken on axis with 1w signal at distance of 1M using custom horn with 80° x 60° coverage

IMPEDANCE



ELECTRO ACOUSTIC SPECIFICATIONS

Sound Channel / Throat Size	1" / 25.4 mm
Nominal Impedance	8 / 16 Ω
Power Handling	40 Wrms (A.E.S)
Sensitivity (1 w - 1 m)	105 dB
Usable Frequency Range	2 kHz - 18 kHz
Recommended Crossover Frequency	3.5 kHz
Filtered at 18dB / Octave	
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	0.016" / 0.4 mm
Flux Density	1.35 Tesla
Magnet Weight	16 oz / 0.46 kg

MATERIALS OF CONSTRUCTION

Coil Former	Polyamide
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Surround / Edge Termination	Double Sinusoidal Roll Titanium
Magnet Material	Ferrite
Connectors	6.3 mm Spade
Polarity	Positive voltage at red/ positive terminal causes positive pressure at throat exit

MOUNTING / SHIPPING INFORMATION

Overall Diameter	4" / 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	120 x 120 x 160 mm
Bolt Fixing Hole Dimensions and Qty	3x M6 on 57.15 mm - 2.25" PCD