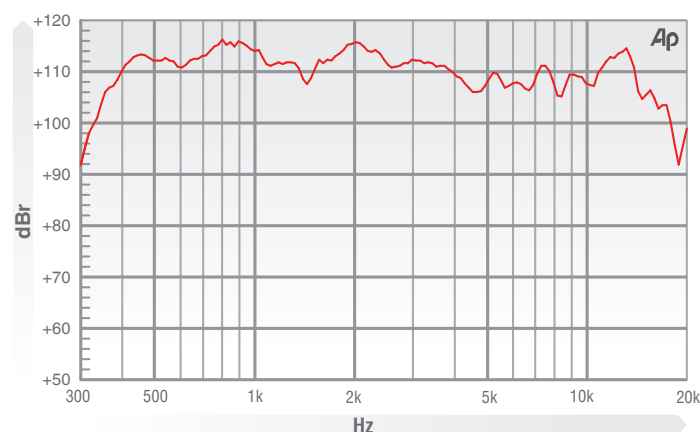


CD-280

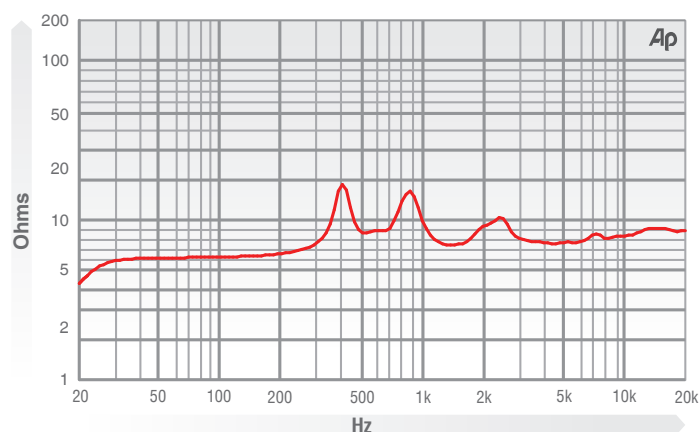
- 2" exit, ferrite magnet compression driver.
- 2.87" / 73mm copper clad aluminium voice coil.
- Titanium diaphragm with double sinusoidal roll surround (titanium).
- 80 Wrms (AES standard)
- Copper inductance ring for extended response.

The large 2 inch throat exit makes the CD280 an excellent choice for professionals who are looking to achieve high sound pressure level performance. This large throat ensures low distortion and high intelligibility, particularly within the upper vocal range. The throat diameter is an industry standard and will match to commercially available high frequency horns as well as the FANE FH2450. The ferrite based permanent magnetic system produces a very high efficiency to weight and size ratio making the CD-280 ideal for high level professional touring applications as well as high level fixed installation.

FREQUENCY RESPONSE DATA*



IMPEDANCE



ELECTRO ACOUSTIC SPECIFICATIONS

Sound Channel / Throat Size	2" / 50.8 mm
Nominal Impedance	8 Ω
Power Handling	80 Wrms (A.E.S)
Sensitivity (1 w - 1 m)	108 dB
Usable Frequency Range	800 Hz - 18 kHz
Recommended Crossover Frequency	1.6 kHz
Filtered at 18dB / Octave	
Effective Diaphragm Diameter	2.87" / 73 mm
Voice Coil Diameter	2.87" / 73 mm
Voice Coil DC Resistance	6.2 / 10.5 Ω
Max Diaphragm Displacement	0.032" / 0.8 mm
Flux Density	1.70 Tesla
Magnet Weight	60 oz / 1.72 kg

MATERIALS OF CONSTRUCTION

Coil Former	Nomex
Voice Coil Material	Aluminium
Diaphragm Material	Titanium
Surround / Edge Termination	Double Sinusoidal Roll
	Titanium
Magnet Material	Ferrite
Connectors	Push Button Spring
	Terminals
Polarity	Positive voltage at red/positive terminal causes positive pressure at throat exit

MOUNTING / SHIPPING INFORMATION

Overall Diameter	6.7" / 170 mm
Depth	2.8" / 71 mm
Weight	10.6 lb / 4.84 kg
Shipping Weight	11.4 lb / 5.2 kg
Packing Carton Dimensions	200 x 210 x 100 mm
Bolt Fixing Hole Dimensions and Qty	4x M6 on 101.6 mm - 4"
	PCD