



THE HIGH FREQUENCY DEVICES SERIES CD-314

COMPRESSION DRIVER

1.4" / 35.6 mm
SOUND CHANNEL / THROAT SIZE

75 w (A.E.S.)
POWER HANDLING

106 dB
SENSITIVITY (1w / 1m)

700 Hz - 18 Hz
FREQUENCY RESPONSE

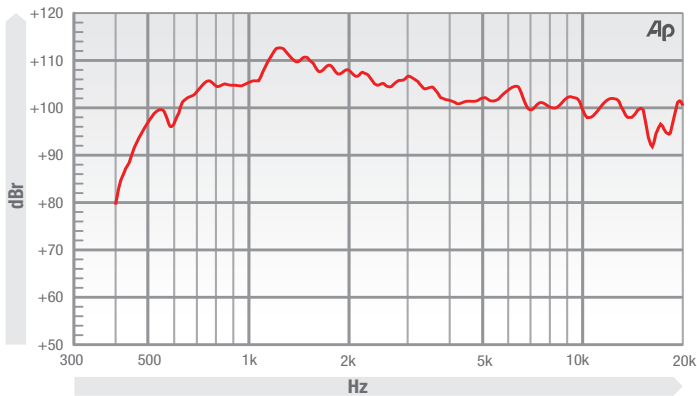
3.15" / 80 mm
Aluminium Voice Coil

The CD-314 1.4" exit compression driver is the ultimate choice for professional high performance applications such as two way high power enclosures. Advanced engineering and manufacturing methods make this the ideal solution when seeking high performance and long term reliability.

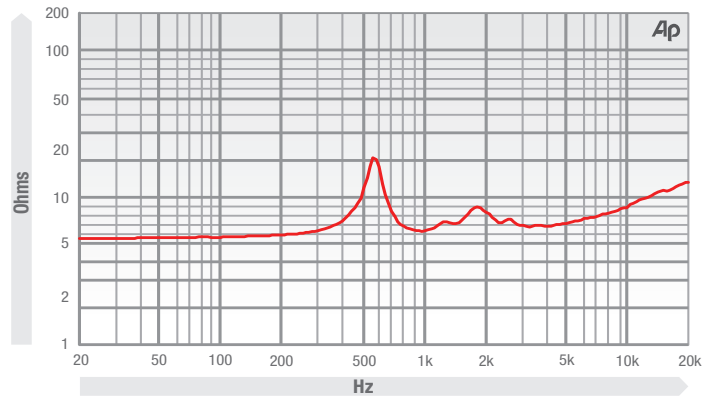
The CD-314 is perfect for high level professional touring applications as well as high level fixed installation.

- 1.4" exit ferrite magnet compression driver.
- 3.15" 80mm copper clad aluminum voice coil.
- Titanium diaphragm with optimized depression array surround.
- 75 Wrms (AES standard)

FREQUENCY RESPONSE DATA*



IMPEDANCE



ELECTRO ACOUSTIC SPECIFICATIONS

Sound Channel / Throat Size	1.4" / 35.6 mm
Nominal Impedance	8 Ω
Power Handling	75 w (A.E.S.)
Sensitivity (1 w - 1 m)	106 dB
Usable Frequency Range -6dB	700 Hz - 18 Hz
Recommended Crossover Frequency Filtered at 18dB / Octave	1.2 kHz
Effective Diaphragm Diameter	3.15" / 80 mm
Voice Coil Diameter	3.15" / 80 mm
Voice Coil DC Resistance	5.0 Ω
Max Diaphragm Displacement	0.032" / 0.8 mm
Flux Density	1.50 Tesla
Magnet Weight	XXXXXXX oz

MOUNTING / SHIPPING INFORMATION

Overall Diameter	6.2" / 158 mm
Depth	3.14" / 80 mm
Weight	9.70 lb / 4.4 kg
Shipping Weight	9.92 lb / 4.5 kg
Packing Carton Dimensions	165 x 165 x 92 mm
Bolt Fixing Hole Dimensions & Qty	4x M6 on 101.6 mm - 4" PCD

MATERIALS OF CONSTRUCTION

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

* Please enquire about alternative impedances.
* Frequency response measurement taken on axis with 1w signal at distance of 1m using custom horn with 90° x 40° coverage.