



THE HIGH FREQUENCY DEVICES SERIES

CD-314N

COMPRESSION DRIVER

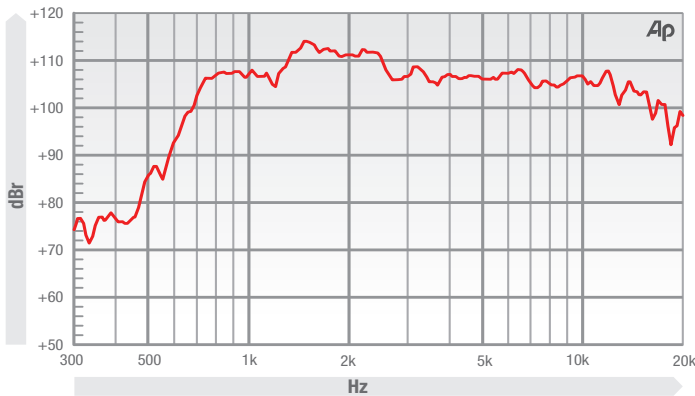
1.4" / 35.6 mm SOUND CHANNEL / THROAT SIZE	75 w (A.E.S.) POWER HANDLING	106 dB SENSITIVITY (1w / 1m)
700 Hz - 18 Hz FREQUENCY RESPONSE	3.15" / 80 mm Aluminium Voice Coil	

The perfect driver for professional high performance applications such as two way high power enclosures. Advanced engineering and manufacturing methods have produced an extremely reliable and wide bandwidth device. The Neodymium motor system produces a very high efficiency weight and size ratio. This makes the CD-314N ideal for high level professional touring applications as well as high level fixed installation.

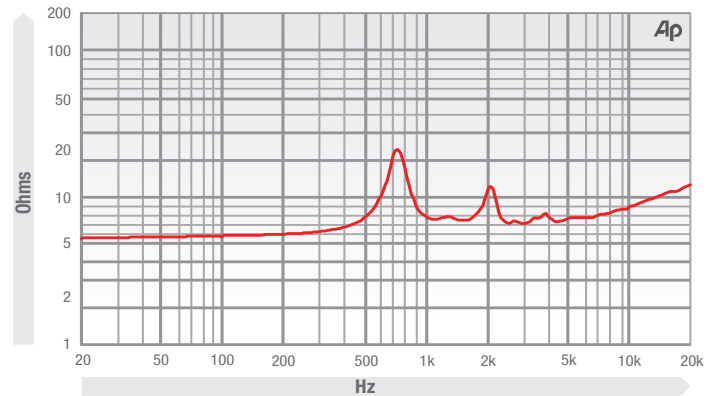
- 1.4" exit, neodymium magnet compression driver.
- 3.15" / 80mm copper clad aluminum voice coil.
- Titanium diaphragm with optimized depression array surround.
- 75 Wrms (AES standard)

HIGH FREQUENCY DEVICES

FREQUENCY RESPONSE DATA*



IMPEDANCE



CD-314N

ELECTRO ACOUSTIC SPECIFICATIONS	MOUNTING / SHIPPING INFORMATION	MATERIALS OF CONSTRUCTION
Sound Channel / Throat Size	Overall Diameter	Coil Former
1.4" / 35.6 mm	6.2" / 158 mm	Katpton
Nominal Impedance	Depth	Voice Coil Material
8 Ω	2.6" / 68 mm	Aluminium
Power Handling	Weight	Diaphragm Material
75 w (A.E.S.)	7.72 lb / 3.5 kg	Titanium
Sensitivity (1 w - 1 m)	Shipping Weight	Surround / Edge Termination
106 dB	8.37 lb / 3.8 kg	Depression Array
Usable Frequency Range -6dB	Packing Carton Dimensions	Magnet Material
700 Hz - 18 Hz	200 x 210 x 100 mm	Neodymium Discs. 13x 30 x7mm
Recommended Crossover Frequency Filtered at 18dB / Octave	Bolt Fixing Hole Dimensions & Qty	Connectors
1.2 kHz	4x M6 on 101.6 mm - 4" PCD	Push Button Spring Terminals
Effective Diaphragm Diameter		Polarity
3.15" / 80 mm		Positive voltage at red/ positive terminal causes positive pressure at throat exit
Voice Coil Diameter		
3.15" / 80 mm		
Voice Coil DC Resistance		
5.0 Ω		
Max Diaphragm Displacement		
0.032" / 0.8 mm		
Flux Density		
1.70 Tesla		
Magnet Weight		
60 oz		

* 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.