



NDT995

DRIVER



Description

The 4-inch pure titanium dome NDT995 compression driver focuses on maximizing linearity, precision and long-term reliability. It is mainly suitable for professional line arrays and point source applications. Its motor structure features a high-flux density neodymium magnet assembly with a copper demodulation ring to reduce harmonic and intermodulation distortion. The 4" class-leading design utilizes a Kapton former, inside-outside ultralight edge wound aluminum wire and a 4-slot phase plug to deliver minimum distortion across its operating bandwidth. The high sensitivity at 110 dB, 280 Watts continuous power handling at 8 ohms, and very low recommended crossover point from 650 Hz make it ideal for integration with waveguides in two-way high-powered systems.

Features

- › 4.0 inch, Titanium dome, polyimide surround
- › 280W continuous program power handling @ 80
- › Frequency range: 500Hz - 20kHz
- › Kapton former, inside/outside edge wound aluminum voice coil
- › 4-slot optimized geometry phase plug
- › Copper inductance ring for extended response
- › Low recommended crossover point

Part Number

15100033 NDT995

8ohm



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		TECHNICAL SPECIFICATIONS	
General specifications	Exit Throat Diameter	1.4 inch / 36 mm	
	Related Impedance	8 ohm	
	Program Power (watt)	280 W	
	Power handling capacity (watt)	140 W	
	Sensitivity	110 dB	
	Frequency range	500 - 20000 Hz	
	Diaphragm Material	Pure Titanium	
	Suspension Material	Polyimide	
	Suspension Design	Flat	
	Minimum Impedance (ohm)	8.50 ohm	
	Voice Coil Diameter	4.0 inch / 102 mm	
	Voice Coil Material	Edgewound Aluminum	
	Voice Coil Former Design	Direct Drive Kapton	
	Number of layers	1	
	Kind of layers	inside/outside	
	Flux Density	2.0 T	
	Phase Plug Design	4 slot	
	Phase Plug Material	Aluminum	
	Magnetics	Neodymium	
	Voice Coil Demodulation Ring	Copper	
	Thiele - small parameters	Bl factor (Bl) (T x m)	17.60 T x m
	Mounting information	Overall diameter	146 mm / 5.75 inches
Overall height		55 mm / 2.17 inches	
Mounting		4 x 6 mm threaded holes at 90°	
Standard compliance	Safety agency	CE compliant	

Line Art 2D

