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 @ 8O
› 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

Products are continually improved. All specifications are therefore subject to change without notice.

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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
Size / Weight	Weight	2.72 kg / 6 lbs

Line Art 2D

