ND850 - 1.4

DRIVER



Description

The ND850 1.4 is a high frequency performance 3-inch diaphragm compression driver with a 1.4-inch exit throat featuring several state of the art technologies. The diaphragm is precision formed from 0.05mm thick pure titanium. The suspension is based on a vented and damped design in order to provide low distortion. Voice coil assembly is designed using high temperature kapton former.

Features

› 3-inch Diaphragm, 1.4-inch Exit Throat / Pure Titanium Compression Driver
› 220W continuous program power handling
› Frequency range: 500Hz - 20kHz
› 3-slot optimized geometry phase plug
› Titanium diaphragm
› Copper inductance ring for extended response
› Vented, damped, low distortion suspension system
› Nedymium magnet assembly

Part Number

15129022	ND850 - 1.4	8ohm

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DRIVER

TECHNICAL SPECIFICATIONS

General specifications	Exit Throat Diameter	1.4 inch / 36 mm
	Related Impedance	8 ohm
	Program Power (watt)	220 W
	Power handling capacity (watt)	110 W
	Sensitivity	109 dB
	Frequency range	500 - 20000 Hz
	Diaphragm Material	Pure Titanium
	Suspension Material	Polyester
	Suspension Design	Flat
	Minimum Impedance (ohm)	8.50 ohm
	Voice Coil Diameter	3.0 inch / 76 mm
	Voice Coil Material	Edgewound Aluminum
	Voice Coil Former Design	Straight - Kapton
	Number of layers	1
	Kind of layers	outside
	Flux Density	2.0 T
	Phase Plug Design	3 slot
	Phase Plug Material	Aluminum
	Magnetics	Neodymium
	Voice Coil Demodulation Ring	Copper
Thiele - small parameters	Bl factor (Bl) (T x m)	13.00 T x m
Mounting information	Overall diameter	131 mm / 5.16 inches
	Overall height	54 mm / 2.13 inches
	Mounting	4 x 6 mm threaded holes at 90°
Standard compliance	Safety agency	CE compliant
Size / Weight	Weight	2.5 kg / 5.51 lbs

Line Art 2D

