

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
- Neodymium magnet assembly

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 Aluminium
Voice Coil Former Design:	Straight - Kapton
Number of layers:	1
Kind of layers:	outside
Flux Density:	2 T
Phase Plug Design:	3 slot
Phase Plug Material:	Aluminium
Magnetics:	Neodymium
Voice Coil Demodulation Ring	Copper

Thiele - small parameters

BI factor (BI) (T x m):	13.00 T x m
-------------------------	-------------

Mounting informations

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

CE marking:	Yes
-------------	-----

Size

Weight:	2.5 kg / 5.51 lbs
---------	-------------------

Shipping informations

Package Height:	100 mm / 3.94 inches
Package Width:	160 mm / 6.3 inches
Package Depth:	180 mm / 7.09 inches
Package Weight:	2.66 kg / 5.86 lbs

PART NUMBER

- **15129039**
ND850 1.4
16ohm

- **15129022**
ND850 1.4
8ohm

