



ND840

DRIVER



Description The ND840 is a high performance 3-inch diaphragm compression driver with a 1.4 inch exit throat featuring the smallest size of the art technology.

 The diaphragm are precision completely formed from pure titanium. Voice coil assembly is designed using high temperature kapton former and it is joined to the diaphragm by RCF proprietary Direct Drive kapton technology. Diaphragm suspension is designed by extensive FEM study for low distortion and low frequency range extension.

- 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

Part Number	15100004 ND840	16ohm
	15129052 ND840	8ohm



ND840

DRIVER

General specifications

TECHNICAL 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	Pure Titanium
Suspension Design	Double Roll
Minimum Impedance (ohm)	7.00 ohm
Voice Coil Diameter	3.0 inch / 76 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	3 slot
Phase Plug Material	Aluminum
Magnetics	Neodymium
Voice Coil Demodulation Ring	Copper

Thiele - small parameters

Bl factor (Bl) (T x m)	12.30 T x m
------------------------	-------------

Mounting information

Overall diameter	115 mm / 4.53 inches
Overall height	46 mm / 1.81 inches
Mounting	4 x 6 mm threaded holes at 90°

Standard compliance

Safety agency	CE compliant
---------------	--------------

Size / Weight

Weight	1.4 kg / 3.09 lbs
--------	-------------------

Line Art 2D

