

# N850

## DRIVER

### DESCRIPTION

The N850 is a high quality 3-inch diaphragm compression driver with a 2-inch exit throat. The diaphragm is precision formed from 0.05mm thick pure titanium. The suspension is based on Mylar vented design. The front aluminium adaptor guarantee a very smooth transition from the phase plug to 2-inch output interface.



### FEATURES

- 3-inch Diaphragm, 2-inch Exit Throat / Pure Titanium Compression Driver
- 180W continuous program power handling
- Frequency range: 500Hz - 20kHz
- 3-slot optimized geometry phase plug
- Aluminium rear cover and front adaptor
- Copper inductance ring for extended response
- Vented suspension system

## TECHNICAL SPECIFICATIONS

### General specifications

Exit Throat Diameter:	2.0 inch / 51 mm
Related Impedance:	8 ohm
Program Power (watt):	180 W
Power handling capacity (watt):	90 W
Sensitivity:	109 dB
Frequency range:	500 - 20000 Hz
Diaphragm Material:	Pure Titanium
Suspension Material:	Mylar
Suspension Design:	Radial
Minimum Impedance (ohm):	8.80 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:	1.8 T
Phase Plug Design:	3 slot
Phase Plug Material:	PP Composite
Magnetics:	Ceramic
Voice Coil Demodulation Ring	Copper

### Mounting informations

Overall diameter:	180 mm / 7.09 inches
Overall height:	95 mm / 3.74 inches
Mounting:	4 x 6 mm threaded holes at 90°

### Standard compliance

CE marking:	Yes
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### Size

Weight:	6 kg / 13.23 lbs
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### Shipping informations

Package Height:	115 mm / 4.53 inches
Package Width:	220 mm / 8.66 inches
Package Depth:	210 mm / 8.27 inches
Package Weight:	7 kg / 15.43 lbs

## PART NUMBER

- **15120058**

N850

8ohm

