

ND850 2.0

DRIVER

DESCRIPTION

The ND850 2.0 is a high performance 3.0-inch diaphragm compression driver with a 2 inch exit throat featuring several state of the art technologies. The diaphragm are precision formed from 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, 2-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: | 2.0 inch / 51 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: | 2.0 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

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| Overall diameter: | 131 mm / 5.16 inches |
| Overall height: | 88 mm / 3.46 inches |
| Mounting: | 4 x 6 mm threaded holes at 90° |

Standard compliance

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| CE marking: | Yes |
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Size

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|---------|--------------------|
| Weight: | 2.74 kg / 6.04 lbs |
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Shipping informations

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|-----------------|----------------------|
| Package Height: | 130 mm / 5.12 inches |
| Package Width: | 190 mm / 7.48 inches |
| Package Depth: | 170 mm / 6.69 inches |
| Package Weight: | 2.95 kg / 6.5 lbs |

PART NUMBER

- **15129037**

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8ohm

