

ND650

DRIVER

DESCRIPTION

The ND650 is a high frequency performance 2.5-inch diaphragm compression driver with a 1.4-inch exit throat featuring several state of the art technologies. The diaphragm is precision formed from pure titanium. The suspension is based on a vented polyester design for low distortion. Voice coil assembly is designed using high temperature kapton former.



FEATURES

- 2.5-inch Diaphragm, 1.4-inch Exit Throat / Pure Titanium Compression Driver
- 180W continuous program power handling
- Frequency range: 700Hz - 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):	180 W
Power handling capacity (watt):	90 W
Sensitivity:	110 dB
Frequency range:	700 - 20000 Hz
Suspension Design:	Flat
Minimum Impedance (ohm):	7.50 ohm
Voice Coil Diameter:	2.5 inch / 63 mm
Voice Coil Former Design:	Straight - Kapton
Number of layers:	1
Kind of layers:	outside
Flux Density:	2.0 T
Phase Plug Design:	3 slot

Thiele - small parameters

Bl factor (Bl) (T x m):	10.40 T x m
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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°

Size

Weight:	1.88 kg / 4.14 lbs
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Shipping information

Package Height:	63 mm / 2.48 inches
Package Width:	142 mm / 5.59 inches
Package Depth:	144 mm / 5.67 inches
Package Weight:	2.02 kg / 4.45 lbs

PART NUMBER• **15129036**

ND650

16ohm

• **15129024**

ND650

8ohm

