

# 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
Diaphragm Material:	Pure Titanium
Suspension Material:	Polyester
Suspension Design:	Flat
Minimum Impedance (ohm):	7.50 ohm
Voice Coil Diameter:	2.5 inch / 63 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**

Bl factor (Bl) (T x m):	10.40 T x m
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**Mounting informations**

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**

CE marking:	Yes
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**Size**

Weight:	1.88 kg / 4.14 lbs
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**Shipping informations**

Package Height:	85 mm / 3.35 inches
Package Width:	160 mm / 6.3 inches
Package Depth:	160 mm / 6.3 inches
Package Weight:	2.02 kg / 4.45 lbs

**PART NUMBER**

- **15129036**  
ND650  
16ohm

- **15129024**  
ND650  
8ohm

