

# CD650

## DRIVER

### DESCRIPTION

The CD650 is a high performance 2.5-inch diaphragm compression driver with a 1.4 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 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
- Ceramic 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:	109 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:	1.9 T
Phase Plug Design:	3 slot
Phase Plug Material:	Aluminium
Magnetics:	Ceramic
Voice Coil Demodulation Ring	Copper

### Thiele - small parameters

BI factor (BI) (T x m):	9.80 T x m
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### Mounting informations

Overall diameter:	165 mm / 6.5 inches
Overall height:	56 mm / 2.2 inches
Mounting:	4 x 6 mm threaded holes at 90°

### Standard compliance

CE marking:	Yes
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### Size

Weight:	4.33 kg / 9.55 lbs
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### Shipping informations

Package Height:	114 mm / 4.49 inches
Package Width:	214 mm / 8.43 inches
Package Depth:	214 mm / 8.43 inches
Package Weight:	4.66 kg / 10.27 lbs

## PART NUMBER

- **15129046**

CD650

8ohm

