

CD850 2.0 DRIVER

DESCRIPTION

The CD850 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 distorsion. 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
- Ceramic Magnet Assembly
- Copper inductance ring for extended response
- Vented, damped, low distortion suspension system

TECHNICAL SPECIFICATIONS

Mounting information Overall diameter: 180 mm / 7.09 inches Overall height: 88 mm / 3.46 inches Mounting: 4 x 6 mm threaded holes at 90° Size Weight: 5.72 kg / 12.61 lbs	General specifications	Exit Throat Diameter:	2.0 inch / 51 mm
Power handling capacity (watt):10 WSensitivity:09 dBFrequency range:500 - 20000 HzSuspension Design:FlatMinimum Impedance (ohm):8.50 ohmVoice Coil Diameter:3.0 inch / 76 mmVoice Coil Former Design:Straight - KaptonNumber of layers:1Kind of layers:0utsideFlux Density:1.9 TPhase Plug Design:3 slotThiele - small parametersBl factor (BI) (T x m):Straight:88 mm / 3.46 inchesMounting:0verall diameter:Mounting:88 mm / 3.46 inchesMounting:81 factor (BI):Stage Meight:5.72 kg / 12.61 lbsShipping informationPackage Height:Package Width:203 mm / 7.99 inchesPackage Depth:205 mm / 8.07 inches		Related Impedance:	8 ohm
Sensitivity:109 dBFrequency range:500 - 20000 HzSuspension Design:FlatMinimum Impedance (ohm):850 ohmVoice Coil Diameter:30 inch / 76 mmVoice Coil Former Design:Straight - KaptonNumber of layers:1Kind of layers:outsideFlux Density:1.9 TPhase Plug Design:3 slotThiele - small parametersBl factor (Bl) (T x m):12.30 T x mSizeWeight:60 verall diameter:Mounting:5.72 kg / 12.61 lbsShipping informationPackage Height:Package Depth:203 mm / 7.99 inchesPackage Depth:203 mm / 7.99 inchesPackage Depth:203 mm / 7.99 inchesPackage Depth:205 mm / 8.07 inches		Program Power (watt):	220 W
Frequery range:500 - 20000 HzSuspension Design:FlatMinimum Impedance (ohm):8.50 ohmVoice Coil Diameter:3.0 inch / 76 mmVoice Coil Former Design:Straight - KaptonNumber of layers:1Kind of layers:0utsideFlux Density:19 TPhase Plug Design:3 slotThele - small parametersBl factor (Bl) (T x m):12.30 T x mMounting informationOverall diameter: Overall height: Mounting:180 mm / 7.09 inches 88 mm / 3.46 inches 4 x 6 mm threaded holes at 90°SizeWeight:5.72 kg / 12.61 lbsShipping informationPackage Height: Package Depth:114 mm / 4.49 inches 203 mm / 7.99 inches		Power handling capacity (watt):	110 W
Suspension Design:FlatMinimum Impedance (ohm):8.50 ohmVoice Coil Diameter:3.0 inch / 76 mmVoice Coil Former Design:Straight - KaptonNumber of layers:1Kind of layers:outsideFlux Density:1.9 TPhase Plug Design:3 slotThiele - small parametersBl factor (BI) (T x m):Nounting informationOverall diameter:SizeWeight:SizeWeight:Shipping informationPackage Height:Package Height:14 mm / 4.49 inchesPackage Depth:205 mm / 8.07 inchesPackage Depth:205 mm / 8.07 inches		Sensitivity:	109 dB
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Voice Coil Former Design:Straight - KaptonNumber of layers:1Kind of layers:outsideFlux Density:1.9 TPhase Plug Design:3 slotThiele - small parametersBI factor (BI) (T x m):Diverall diameter:180 mm / 7.09 inchesOverall height:88 mm / 3.46 inchesMounting:0verall diameter:SizeWeight:SizeWeight:Package Height:5.72 kg / 12.61 lbsPackage Width:203 mm / 7.99 inchesPackage Depth:205 mm / 8.07 inches		Minimum Impedance (ohm):	8.50 ohm
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Flux Density: Phase Plug Design:1.9 T 3 slotThiele - small parametersBI factor (BI) (T x m):12.30 T x mMounting information Mounting:Overall diameter: Overall height: Mounting:180 mm / 7.09 inches 88 mm / 3.46 inches 4 x 6 mm threaded holes at 90°SizeWeight: Package Height: Package Width: Package Depth:5.72 kg / 12.61 lbs		Number of layers:	1
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Mounting informationOverall diameter: Overall height: Mounting:180 mm / 7.09 inches 88 mm / 3.46 inches 4 x 6 mm threaded holes at 90°SizeWeight:5.72 kg / 12.61 lbsShipping informationPackage Height: Package Uidth: Package Depth:114 mm / 4.49 inches 203 mm / 7.99 inches 205 mm / 8.07 inches		Phase Plug Design:	3 slot
Overall height: Mounting:88 mm / 3.46 inches 4 x 6 mm threaded holes at 90°SizeWeight:5.72 kg / 12.61 lbsShipping informationPackage Height: Package Width: Package Depth:114 mm / 4.49 inches 203 mm / 7.99 inches 205 mm / 8.07 inches	Thiele - small parameters	Bl factor (Bl) (T x m):	12.30 T x m
Mounting:4 x 6 mm threaded holes at 90°SizeWeight:5.72 kg / 12.61 lbsShipping informationPackage Height: Package Width: Package Depth:114 mm / 4.49 inches 203 mm / 7.99 inches 205 mm / 8.07 inches	Mounting information	Overall diameter:	180 mm / 7.09 inches
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Shipping information Package Height: 114 mm / 4.49 inches Package Width: 203 mm / 7.99 inches Package Depth: 205 mm / 8.07 inches		Mounting:	4 x 6 mm threaded holes at 90°
Package Width:203 mm / 7.99 inchesPackage Depth:205 mm / 8.07 inches	Size	Weight:	5.72 kg / 12.61 lbs
Package Depth: 205 mm / 8.07 inches	Shipping information	Package Height:	114 mm / 4.49 inches
		Package Width:	203 mm / 7.99 inches
Package Weight: 5.97 kg / 13.16 lbs		Package Depth:	205 mm / 8.07 inches
		Package Weight:	5.97 kg / 13.16 lbs

PART NUMBER

· 15129044

CD850 2.0 80hm



