## DATASHEET



# ND1411-M DRIVER

#### DESCRIPTION

The ND1411-M is a high performance 1.5-inch diaphragm compression driver with a 1-inch exit throat featuring a single pieces, low compression, radial phase plug. The diaphragm and suspension are precision formed from 0.1mm thick Mylar. The ND1411-M is a very compact size, versatile driver for professional applications.



#### FEATURES

- 1.5-inch Diaphragm, 1-inch Exit Throat
- 50W continuous program power handling
- Frequency range: 1500Hz 20kHz
- Optimized geometry radial phase plug
- Very compact size for array applications
- Neodymium magnet assembly
- High power handling in only 70mm overall diameter



#### **TECHNICAL SPECIFICATIONS**

Related Impedance:8 ohmProgram Power (watt):50 WPower handling capacity (watt):25 WSensitivity:109 dBFrequency range:1500 - 20000 HzDiaphragm Material:MylarSuspension Material:MylarSuspension Design:RadialMinimum Impedance (ohm):7.00 ohmVoice Coil Diameter:1.5 linch / 38 mmVoice Coil Diameter:5.1 sinch / 38 mmVoice Coil Diameter:5.1 sinch / 38 mmVoice Coil Former Design:Straight - NomexNumber of layers:1Kind of layers:1Kind of layers:1.7 TPhase Plug Design:10 radial slotsPhase Plug Design:10 radial slotsPhase Plug Material:PP CompositeMagnetics:Straight - NomexMagnetics:Straight - NomesMounting:0.40 T x mCoverall diameter:69 mm / 2.72 inchesStraight complianceCE marking:Standard complianceCE marking:SizeWeight:Shipping informationsCE marking:Package Depth:70 mm / 1.97 inchesPackage Depth:70 mm / 2.76 inchesPackage Depth:70 mm / 2.76 inchesPackage Depth:70 mm / 2.76 inchesPackage Weight:0.72 kg / 1.59 lis	General specifications	Exit Throat Diameter:	1.0 inch / 25 mm
Power handling capacity (watt):25 WSensitivity:109 dBFrequency range:1500 - 20000 HzDiaphragm Material:MylarSuspension Material:MylarSuspension Design:RadialMinimum Impedance (ohm):7.00 ohmVoice Coil Diameter:1.5 inch / 38 mmVoice Coil Diameter:1.5 inch / 38 mmVoice Coil Pormer Design:Straight - NomexNumber of layers:1Kind of layers:0utsideFlux Density:1.7 TPhase Plug Design:0utsideMagnetics:PropositeMagnetics:PropositeMagnetics:Straight - NomesMunting informationsOverall diameter:Overall height:51 mm / 2.21 inchesMounting:24 x 6 mm threaded holes at 90°Standard complianceCE marking:Sipping informationsPackage Height:Standard compliancePackage Height:Sipping informationsPackage Height:Package Depth:70 mm / 2.76 inchesPackage Depth:70 mm / 2.76 inches		Related Impedance:	8 ohm
Sensitivity:109 dBFrequency range:1500 - 20000 HzDiaphragm Material:MylarSuspension Material:MylarSuspension Design:RadialMinimum Impedance (ohm):7.00 ohmVoice Coil Diameter:1.5 inch / 38 mmVoice Coil Pormer Design:Straight - NomexNumber of layers:0 utsideFlux Density:1.7Phase Plug Design:10 radial slotsPhase Plug Material:PP CompositeMagnetics:NeodymiumThele - small parametersBl factor (BI) (T x m):4.40 T x mMounting informationsOverall diameter: Overall height: Mounting:69 mm / 2.72 inchesStandard complianceCE marking:YesSizeWeight:0.69 kg / 152 lbsShipping informationsPackage Height: Package Width: Package Depth:50 mm / 197 inches		Program Power (watt):	50 W
Frequency range:1500 - 20000 HzDiaphragm Material:MylarSuspension Material:MylarSuspension Design:RadialMinimum Impedance (ohm):7.00 ohmVoice Coil Diameter:1.5 inch / 38 mmVoice Coil Former Design:Straight - NomexNumber of layers:1Kind of layers:0utsideFlux Density:1.7 TPhase Plug Design:10 radial slotsPhase Plug Material:PP CompositeMagnetics:69 mm/2.72 inchesOverall diameter:69 mm/2.72 inchesOverall height:51 mm / 2.01 inchesMounting:CE marking:SizeWeight:50 mm / 1.97 inchesShipping informationsPackage Height:Package Width:70 mm / 2.76 inchesPackage Depth:70 mm / 2.76 inches		Power handling capacity (watt):	25 W
Diaphragm Material:MylarSuspension Material:MylarSuspension Design:RadialMinimum Impedance (ohm):7.00 ohmVoice Coil Diameter:15 inch / 38 mmVoice Coil Diameter:15 inch / 38 mmVoice Coil Dareter:1Number of layers:1Number of layers:1Flux Density:1.7 TPhase Plug Design:10 radial slotsPhase Plug Design:10 radial slotsPhase Plug Material:PP CompositeMagnetics:NeodymiumThele - small parametersBl factor (Bl) (T x m):4.40 T x mMounting:CE marking:51 mm / 2.72 inchesSizeCE marking:YesSizeWeight:50 mm / 1.97 inchesShipping informationsPackage Height:50 mm / 1.97 inchesPackage Depth:70 mm / 2.76 inchesPackage Depth:70 mm / 2.76 inches		Sensitivity:	109 dB
Suspension Material:MylarSuspension Design:RadialMinimum Impedance (ohm):7.00 ohmVoice Coil Diameter:1.5 inch / 38 mmVoice Coil Material:Edgewound AluminiumVoice Coil Former Design:Straight - NomexNumber of layers:1Kind of layers:1.7 TPhase Plug Design:10 radial slotsPhase Plug Design:NeodymiumThele - small parametersBl factor (Bl) (T x m):Adunting informationsOverall diameter: Nounting:Overall diameter:69 mm / 2.72 inches S 1mm / 2.01 inches Mounting:Standard complianceCE marking:SizeWeight:50 mm / 1.97 inches Package Width: Package Depth:Shipping informationsPackage Height: Package Depth:Package Depth:70 mm / 2.76 inches		Frequency range:	1500 - 20000 Hz
Suspension Design:RadialMinimum Impedance (ohm):7.00 ohmVoice Coil Diameter:1.5 inch / 38 mmVoice Coil Material:Edgewound AluminiumVoice Coil Former Design:Straight - NomexNumber of layers:1Kind of layers:outsideFlux Density:1.7 TPhase Plug Design:Di radial slotsPhase Plug Material:PP CompositeMagnetics:NeodymiumThiele - small parametersBl factor (BI) (T x m):Advorting:69 mm / 2.72 inchesOverall height:51 mm / 2.01 inchesMounting:CE marking:Standard complianceCE marking:SizeWeight:50 mm / 1.97 inchesPackage Width:70 mm / 2.76 inchesPackage Depth:70 mm / 2.76 inchesPackage Depth:70 mm / 2.76 inches		Diaphragm Material:	Mylar
Minimum Impedance (ohm):7.00 ohmVoice Coil Diameter:1.5 inch / 38 mmVoice Coil Material:Edgewound AluminiumVoice Coil Former Design:Straight - NomexNumber of layers:1Kind of layers:outsideFlux Density:1.7 TPhase Plug Design:10 radial slotsPhase Plug Material:PP CompositeMagnetics:NeodymiumThiele - small parametersBl factor (Bl) (T x m):4.40 T x mMounting informationsOverall diameter: Overall height: Mounting:69 mm / 2.72 inches 51 mm / 2.01 inches 4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight:50 mm / 1.97 inches Package Height: Package Depth:50 mm / 1.97 inches 70 mm / 2.76 inches		Suspension Material:	Mylar
Voice Coil Diameter:1.5 inch / 38 mmVoice Coil Material:Edgewound AluminiumVoice Coil Former Design:Straight - NomexNumber of layers:1Kind of layers:outsideFlux Density:1.7 TPhase Plug Design:10 radial slotsPhase Plug Material:PP CompositeMagnetics:NeodymiumThiele - small parametersBl factor (Bl) (T x m):4.40 T x mMounting informationsOverall diameter:69 mm / 2.72 inchesOverall height:51 mm / 2.01 inchesMounting:4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight:50 mm / 1.97 inchesPackage Height:70 mm / 2.76 inchesPackage Depth:70 mm / 2.76 inches		Suspension Design:	Radial
Voice Coil Material:Edgewound AluminiumVoice Coil Former Design:Straight - NomexNumber of layers:1Kind of layers:outsideFlux Density:1.7 TPhase Plug Design:10 radial slotsPhase Plug Material:PP CompositeMagnetics:NeodymiumThiele - small parametersBl factor (BI) (T x m):4.40 T x mMounting informationsOverall diameter:69 mm / 2.72 inchesStandard complianceCE marking:YesSizeWeight:50 mm / 1.97 inchesShipping informationsPackage Height: Package Uvith:50 mm / 1.97 inchesPackage Depth:70 mm / 2.76 inches		Minimum Impedance (ohm):	7.00 ohm
Voice Coil Former Design:Straight - NomexNumber of layers:1Kind of layers:outsideFlux Density:1.7 TPhase Plug Design:10 radial slotsPhase Plug Material:PP CompositeMagnetics:NeodymiumThiele - small parametersBI factor (BI) (T x m):4.40 T x mMounting informationsOverall diameter: Overall height: Mounting:Standard complianceCE marking:SizeWeight:Shipping informationsPackage Height: Package Depth:Package Depth:50 mm / 197 inches Package Depth:Package Depth:70 mm / 2.76 inches		Voice Coil Diameter:	1.5 inch / 38 mm
Number of layers:1Kind of layers:outsideFlux Density:1.7 TPhase Plug Design:10 radial slotsPhase Plug Material:PP CompositeMagnetics:NeodymiumThiele - small parametersBl factor (Bl) (T x m):4.40 T x mMounting informationsOverall diameter: Overall height: Mounting:69 mm / 2.72 inches 51 mm / 2.01 inches 4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight:0.69 kg / 1.52 lbsShipping informationsPackage Height: Package Depth:50 mm / 1.97 inches 70 mm / 2.76 inches 70 mm / 2.76 inches		Voice Coil Material:	Edgewound Aluminium
Kind of layers:outsideFlux Density:1.7 TPhase Plug Design:10 radial slotsPhase Plug Material:PP CompositeMagnetics:NeodymiumThiele - small parametersBI factor (BI) (T x m):4.40 T x mMounting informationsOverall diameter:69 mm / 2.72 inchesOverall height:51 mm / 2.01 inchesMounting:4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight:0.69 kg / 1.52 lbsShipping informationsPackage Height: Package Depth:50 mm / 1.97 inches 70 mm / 2.76 inches 70 mm / 2.76 inches		Voice Coil Former Design:	Straight - Nomex
Flux Density:1.7 TPhase Plug Design:10 radial slotsPhase Plug Material:PP CompositeMagnetics:NeodymiumThiele - small parametersBl factor (BI) (T x m):4.40 T x mMounting informationsOverall diameter:69 mm / 2.72 inchesOverall height:51 mm / 2.01 inchesMounting:4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight:50 mm / 1.97 inchesPackage Height:70 mm / 2.76 inchesPackage Depth:70 mm / 2.76 inches		Number of layers:	1
Phase Plug Design: Phase Plug Material: Magnetics:10 radial slots PP Composite NeodymiumThiele - small parametersBI factor (BI) (T x m):4.40 T x mMounting informationsOverall diameter: Overall height: Mounting:69 mm / 2.72 inches 51 mm / 2.01 inches 4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight: Package Height: Package Uidth: Package Depth:50 mm / 1.97 inches 70 mm / 2.76 inches 70 mm / 2.76 inches		Kind of layers:	outside
Phase Plug Material: Magnetics:PP Composite NeodymiumThiele - small parametersBI factor (BI) (T x m):4.40 T x mMounting informationsOverall diameter: Overall height: Mounting:69 mm / 2.72 inches 51 mm / 2.01 inches 4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight: Package Height: Package Width: Package Depth:50 mm / 1.97 inches 70 mm / 2.76 inches 70 mm / 2.76 inches		Flux Density:	1.7 T
Magnetics:NeodymiumThiele - small parametersBl factor (Bl) (T x m):4.40 T x mMounting informationsOverall diameter: Overall height: Mounting:69 mm / 2.72 inches 51 mm / 2.01 inches 4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight: Package Height: Package Width: Package Depth:50 mm / 1.97 inches 70 mm / 2.76 inches 70 mm / 2.76 inches		Phase Plug Design:	10 radial slots
Thiele - small parametersBI factor (BI) (T x m):4.40 T x mMounting informationsOverall diameter: Overall height: Mounting:69 mm / 2.72 inches 51 mm / 2.01 inches 4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight: Package Height: Package Width: Package Depth:50 mm / 1.97 inches 70 mm / 2.76 inches		Phase Plug Material:	PP Composite
Mounting informationsOverall diameter: Overall height: Mounting:69 mm / 2.72 inches 51 mm / 2.01 inches 4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight: Package Height: Package Width: Package Depth:0.69 kg / 1.52 lbsShipping informationsPackage Height: Package Depth:50 mm / 1.97 inches 70 mm / 2.76 inches		Magnetics:	Neodymium
Overall height: Mounting:51 mm / 2.01 inches 4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight:0.69 kg / 1.52 lbsShipping informationsPackage Height: Package Width:50 mm / 1.97 inches 70 mm / 2.76 inches 70 mm / 2.76 inches	Thiele - small parameters	BI factor (BI) (T x m):	4.40 T x m
Mounting:4 x 6 mm threaded holes at 90°Standard complianceCE marking:YesSizeWeight:0.69 kg / 1.52 lbsShipping informationsPackage Height: Package Width: Package Depth:50 mm / 1.97 inches 70 mm / 2.76 inches 70 mm / 2.76 inches	Mounting informations	Overall diameter:	69 mm / 2.72 inches
Standard complianceCE marking:YesSizeWeight:0.69 kg / 1.52 lbsShipping informationsPackage Height:50 mm / 1.97 inchesPackage Width:70 mm / 2.76 inchesPackage Depth:70 mm / 2.76 inches		Overall height:	51 mm / 2.01 inches
Size Weight: 0.69 kg / 1.52 lbs   Shipping informations Package Height: 50 mm / 1.97 inches   Package Width: 70 mm / 2.76 inches   Package Depth: 70 mm / 2.76 inches		Mounting:	4 x 6 mm threaded holes at 90°
Shipping informations Package Height: 50 mm / 1.97 inches   Package Width: 70 mm / 2.76 inches   Package Depth: 70 mm / 2.76 inches	Standard compliance	CE marking:	Yes
Package Width:70 mm / 2.76 inchesPackage Depth:70 mm / 2.76 inches	Size	Weight:	0.69 kg / 1.52 lbs
Package Depth: 70 mm / 2.76 inches	Shipping informations	Package Height:	50 mm / 1.97 inches
		Package Width:	70 mm / 2.76 inches
Package Weight: 0.72 kg / 1.59 lbs		Package Depth:	70 mm / 2.76 inches
		Package Weight:	0.72 kg / 1.59 lbs

#### PART NUMBER

### · 15129019

ND1411-M 80hm



