

# **NX 15-SMA**

## ACTIVE COAXIAL STAGE MONITOR

The NX 15-SMA is equipped with new high power 700 W digital amplifier and a newly

#### **DESCRIPTION**

designed 15" coaxial neodymium transducer that guarantees outstanding audio quality and definition as well as an extremely lightweight of the final system. The NX 15-SMA can be also used as a portable PA system, thanks to the rugged powder coated steel pole mount installed on the side. In order to control the response of the speaker in such different applications, RCF has incorporated two special Equalization Modes:- Floor, for stage monitoring; Free Field, for the use of the speakers as a standalone PA system. Cabinet is made in Baltic Birch plywood, finished with an extremely resistant paint for an extensive use on the road. An ergonomic side handle, integrated with the input panel, is provided for an easier transport of the speaker.



#### **FEATURES**

- 1400 Watt Peak, 700 Watt RMS digital bi-amplification
- 130 dB max spl
- 60° x 60° constant directivity horn
- 15" High power neodymium woofer, 2.5" voice coil
- 1.7" kapton dome, 1" exit, neodymium high frequency driver
- DSP processing, floor fre field equalization, soft limiter and protection
- Combo xlr/jack input, xlr signal output

Rev. B Last update: 18/10/2022



#### **TECHNICAL SPECIFICATIONS**

Max SPL @ Imms	Acoustical specifications	Frequency Response:	50 Hz ÷ 20000 Hz
Horizontal coverage angle: Vertical coverage angle: Vertical coverage angle:  Compression Driver: Woofer: Coaxial 1:0" neo, 1.75" v.c Coaxial 15" neo, 2.5" v.c  Input/Output section Input signal: Input connectors: Output connectors: Input sensitivity: Input sensitivity: Input sensitivity:  Processor section Crossover Frequencies: Protections: Limiter: Controls: Controls: Freefield, floor  Power section Total Power: High frequencies: Low frequencies: Cooling: Connections: Connections: Downercon IN/OUT  Physical specifications Cabinet/Case Material: Handles: Pole mount/Cap: Grille: Color: Grille: Color: Size Height: Width: Width: Width: Width: Width: Weight:  Package Height: Package Depth:	Acoustical specifications		
Transducers  Compression Driver: Woofer: Coaxiel 1.0" neo, 1.75" v.c Woofer: Coaxiel 15" neo, 2.5" v.c  Input/Output section Input section: Input connectors: Output connectors: Input sensitivity: Input sensitivity: Input sensitivity: Processor section  Crossover Frequencies: Protections: Limiter: Controls: Controls: Freefield, floor  Power section  Total Power: High frequencies: Low frequencies: Low frequencies: Cooling: Connections: Connections: Powercon IN/OUT  Physical specifications Cabinet/Case Material: Handles: Pole mount/Cap: Grille: Color: Grille: Color: Grille: Color: Grille: Color: Black  Size  Height: Width: Depth: Width: Depth: Weight: Verifications  Package Height: Package Depth: Package In Inches Package Midth: Package Depth: Packa			
Transducers			
Input / Output section		vertical coverage angle:	60°
Input yout section   Input signal:	Transducers	Compression Driver:	Coaxial 1.0" neo, 1.75" v.c
Input connectors:		Woofer:	Coaxial 15" neo, 2.5" v.c
Output connectors: Input sensitivity:	Input/Output section	Input signal:	bal/unbal
Input sensitivity:		Input connectors:	XRL, Jack
Processor section         Crossover Frequencies:         1700 Hz           Protections:         RMS, HF           Limiter:         Soft Limiter           Controls:         Freefield, floor           Power section         Total Power:         1400 W Peak, 700 W RMS           High frequencies:         400 W Peak, 200 W RMS           Low frequencies:         1000 W Peak, 500 W RMS           Cooling:         Convection           Connections:         Powercon IN/OUT           Physical specifications         Baltic birch plywood           Handles:         1 on side           Pole mount/Cap:         Yes           Grille:         Steel           Color:         Black           Size         Height:         362 mm / 14.25 inches           Width:         650 mm / 25.59 inches           Depth:         468 mm / 18.43 inches           Weight:         20.2 kg / 44.53 lbs           Shipping informations         Package Height:         714 mm / 28.11 inches           Package Width:         464 mm / 18.27 inches           Package Depth:         569 mm / 22.4 inches		Output connectors:	XLR
Protections: RMS, HF		Input sensitivity:	+4 dBu
Limiter:	Processor section	Crossover Frequencies:	1700 Hz
Controls: Freefield, floor		Protections:	RMS, HF
Power section         Total Power:         1400 W Peak, 700 W RMS           High frequencies:         400 W Peak, 200 W RMS           Low frequencies:         1000 W Peak, 500 W RMS           Cooling:         Convection           Connections:         Powercon IN/OUT           Physical specifications         Cabinet/Case Material:         Baltic birch plywood           Handles:         1 on side           Pole mount/Cap:         Yes           Grille:         Steel           Color:         Black           Size         Height:         362 mm / 14.25 inches           Width:         650 mm / 25.59 inches           Depth:         468 mm / 18.43 inches           Weight:         20.2 kg / 44.53 lbs           Shipping informations         Package Height:         714 mm / 28.11 inches           Package Width:         464 mm / 18.27 inches           Package Depth:         569 mm / 22.4 inches		Limiter:	Soft Limiter
High frequencies:		Controls:	Freefield, floor
Low frequencies: 1000 W Peak, 500 W RMS	Power section	Total Power:	1400 W Peak, 700 W RMS
Cooling: Connections:  Physical specifications Cabinet/Case Material: Handles: Pole mount/Cap: Pole mount/Cap: Color:  Size Height: Width: Depth: Weight:  Package Height:  Package Width: Package Depth: Package Depth: Connections Powercon IN/OUT  Baltic birch plywood 1 on side Yes Steel Steel Black  Steel Black  Steel 650 mm / 14.25 inches 468 mm / 18.43 inches 20.2 kg / 44.53 lbs  Ti4 mm / 28.11 inches 464 mm / 18.27 inches Package Depth: Package Depth: Size  Powercon IN/OUT  Powercon IN/OUT  Powercon IN/OUT  Powercon IN/OUT  1 on side 1 on		High frequencies:	400 W Peak, 200 W RMS
Connections:  Powercon IN/OUT  Baltic birch plywood Handles: 1 on side Pole mount/Cap: Grille: Color:  Size Height: Width: Depth: Weight: Depth: Weight: Package Height: Package Depth: Package Depth: Powercon IN/OUT  Baltic birch plywood 1 on side Possed Possed Yes Steel Steel Black  Steel 650 mm / 14.25 inches 650 mm / 25.59 inches 468 mm / 18.43 inches 714 mm / 28.11 inches 464 mm / 18.27 inches Fackage Depth: Fackage Depth: Fackage Depth: Fackage Midth: Fackage Midth: Fackage Midth: Fackage Midth: Fackage Depth: Fackage Midth: Fackage Mid		Low frequencies:	1000 W Peak, 500 W RMS
Physical specifications  Cabinet/Case Material:  Handles:  Pole mount/Cap:  Grille:  Color:  Size  Height:  Width:  Depth:  Weight:  Depth:  Weight:  Package Height:  Package Width:  Package Depth:  Baltic birch plywood  1 on side  Yes  Steel  Steel  Black  Steel  Black  Size  Height:  362 mm / 14.25 inches  650 mm / 25.59 inches  468 mm / 18.43 inches  20.2 kg / 44.53 lbs  Shipping informations  Package Width:  Package Depth:  Size  Package Depth:  Package Depth:  Size  Package Depth:  Package Depth:  Package Midth: Package Depth:  Package Midth: Package Depth:  Size  Package Midth: Package Depth:  Size  Package Midth: Package Depth:  Size  Package Midth: Package Midth: Package Depth: Package Midth: Package		Cooling:	Convection
Handles:   1 on side     Pole mount/Cap:   Yes     Grille:   Steel     Color:   Black     Size		Connections:	Powercon IN/OUT
Pole mount/Cap: Yes	Physical specifications	Cabinet/Case Material:	Baltic birch plywood
Grille:   Steel		Handles:	1 on side
Size         Height:         362 mm / 14.25 inches           Width:         650 mm / 25.59 inches           Depth:         468 mm / 18.43 inches           Weight:         20.2 kg / 44.53 lbs           Shipping informations         Package Height:         714 mm / 28.11 inches           Package Width:         464 mm / 18.27 inches           Package Depth:         569 mm / 22.4 inches		Pole mount/Cap:	Yes
Size       Height:       362 mm / 14.25 inches         Width:       650 mm / 25.59 inches         Depth:       468 mm / 18.43 inches         Weight:       20.2 kg / 44.53 lbs         Shipping informations       Package Height:       714 mm / 28.11 inches         Package Width:       464 mm / 18.27 inches         Package Depth:       569 mm / 22.4 inches		Grille:	Steel
Width:   650 mm / 25.59 inches     Depth:   468 mm / 18.43 inches     Weight:   20.2 kg / 44.53 lbs		Color:	Black
Depth:       468 mm / 18.43 inches         Weight:       20.2 kg / 44.53 lbs         Shipping informations       Package Height:       714 mm / 28.11 inches         Package Width:       464 mm / 18.27 inches         Package Depth:       569 mm / 22.4 inches	Size	Height:	362 mm / 14.25 inches
Weight: 20.2 kg / 44.53 lbs  Shipping informations Package Height: 714 mm / 28.11 inches Package Width: 464 mm / 18.27 inches Package Depth: 569 mm / 22.4 inches		Width:	650 mm / 25.59 inches
Shipping informations Package Height: Package Width: Package Depth: 714 mm / 28.11 inches 464 mm / 18.27 inches 569 mm / 22.4 inches		Depth:	468 mm / 18.43 inches
Package Width: 464 mm / 18.27 inches Package Depth: 569 mm / 22.4 inches		Weight:	20.2 kg / 44.53 lbs
Package Depth: 569 mm / 22.4 inches	Shipping informations	Package Height:	714 mm / 28.11 inches
		Package Width:	464 mm / 18.27 inches
Package Weight: 24.5 kg / 54.01 lbs		Package Depth:	569 mm / 22.4 inches
		Package Weight:	24.5 kg / 54.01 lbs



### **PART NUMBER**

· 13000261

· 13000260

NX 15-SMA

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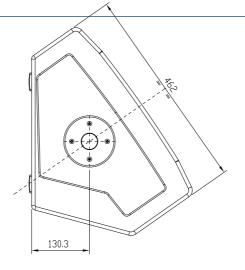
115V

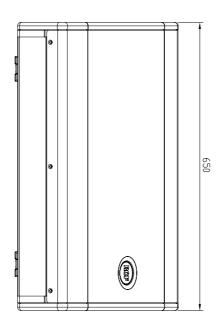
220-240V

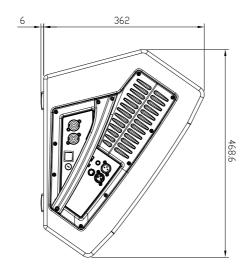
EAN 8024530009045

EAN 8024530009038











ACCESSORIES			
7	AC PM-M20	PART NUMBER EAN:	<b>13360067</b> 8024530014599
	AC PMX POLE MOUNT M20	PART NUMBER EAN:	<b>13360232</b> 8024530010058
	AC PRO-FS PROFESS. LOCKING FLOOR STAND	PART NUMBER EAN:	<b>13360109</b> 8024530006471
	AC PRO-PM PROFESS. LOCKING POLE MOUNT	PART NUMBER EAN:	<b>13360110</b> 8024530006488
₩	COVER CVR NX15-SMA	PART NUMBER EAN:	<b>13360174</b> 8024530012595