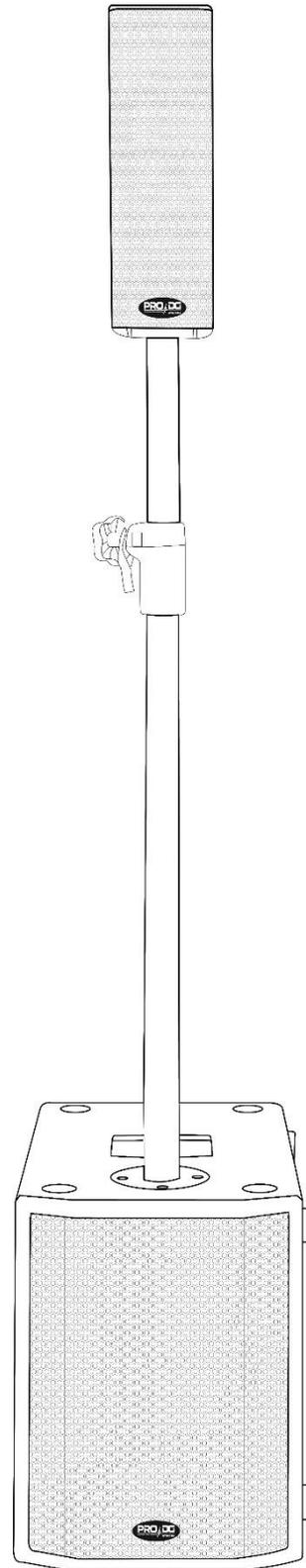


Neo 1



User Manual

www.prodgsystems.com

Precautions

Please read, keep and follow all safety and use instructions.

Important Safety Instructions.

1. Heed all warnings.
2. Do not overload the box to avoid damage to the speakers.
3. Do not use this product near water. If the box is used outdoors, make sure that no humidity can enter the box.
4. Clean only with a dry cloth.
5. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
6. Do not install near any heat sources such as radiators, heat registers, stoves or similar (including amplifiers).
7. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wider blade or third prong is provided for your safety. If the provided plug does not fit in your outlet, consult an electrician for replacement of the obsolete outlet.
8. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where it exits from this product.
9. Only use attachments/accessories specified by the manufacturer.
10.  Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the product. When a cart is used, use caution when moving the cart/product combination to avoid injury from tip-over.
11. Unplug this product during lightning storms or when unused for long periods of time.
12. Refer all servicing to qualified personnel. Servicing is required when the product has been damaged in any way such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the product, the product has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNINGS/CAUTIONS:



This symbol on the product means there is uninsulated, dangerous voltage within the product enclosure that may present a risk of electrical shock.



This symbol on the product means there are important operating and maintenance instructions in this guide.



This product contains magnetic material. Consult your doctor on whether this might affect your implantable medical device.



Contains small parts which may be a choking hazard. Not suitable for children under age 3.

Neo 1 is a column-type system configuration with 460 W RMS. Composed by:



1 unit **i 427 A**



1 unit **i 110 BA**



Extension bar & Speakon cabling

System Setup Connections and Controls

Subwoofer amplifier module

400W RMS Class-D amplifier with switch-mode power supply

Digital Signal Processing

96kHz, 24-bit DSP processor with preset modes: Monitor, DJ, Live

Line Input & Thru Out

2 XLR / Jack input channels with mic and line switch + XLR Link



Bluetooth connectivity

Bluetooth and True Wireless Stereo connection available

Satellite & Subwoofer Output

Speakon output for Mid/High Speaker and XLR for slave Sub

Separate Volume Controls

Independent volume controls for mid/high speaker and subwoofer



i 110 BA can be placed vertically or horizontally. Top and side handle available.

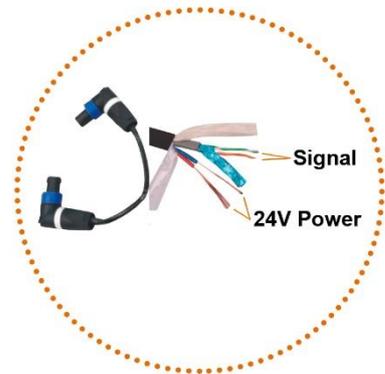


Extension bar to allow the connection between **i 427 A** and **i 110 BA**.

Extensible from 73 to 126 cm (28.74"x49.61")

Load capacity: 30 Kg (66.14 lbs)

4 core Speakon
Audio + Power Input.
2 Core 24V / 2 Core Signal +/-



Column Amplifier



Connection mode **Neo 1**

Optional accessories



Connector cylinder -
Allows the connection
between units i 427 A.



Allows full rotation (360°) of
each i 427 A unit for full
coverage.



Additional Speakon cabling to
connect various units i 427 A.



Wall Mount bracket for i 427 A.

Technical Specifications	i 110 BA
Power Handling	400 W RMS (EIA 426A Standard) / 800 W program / 1600 W peak
Nominal Impedance	4 Ohm
Average Sensitivity	96dB / 2.83V / 1m (average of 150 - 1000Hz wideband)
Maximum SPL Calculation	/ 1m 113 dB continuous / 116 dB program / 119 dB peak
Frequency Range	+/-3 dB between 47 - 200 kHz
Nominal Directivity	Omnidirectional
Component	One (1) speaker of 10"400W, 2.5"voice coil
Amplifier	Last generation Class-D amplifier with switch-mode power supply. 96kHz, 24 bit DSP processor with three preset modes: Monitor, DJ, Live
Connectors	2 XLR / Jack input channels with mic and line switch + XLR Link
Controls	Power On / Off switch, satellite level, subwoofer level, Line / Mic switch, Bluetooth On / Off switch, TWS switch, DSP modes switch

Power Supply	110~220V 50/60HZ with voltage selector
Acoustic Enclosure	15mm MDF
Finish	Special paint finish in black
Grille	1.5mm thickness metal grille with 0.5mm acoustic foam
Cabinet Dimensions	(HxWxD); 390x300x495mm (15.35"x11.81"x19.49")
Weight	16.9 Kg (37.26 lbs) net / 17.5 Kg (38.58 lbs) with packaging

Technical Specifications	i 427 A
Power Handling	60 W RMS (EIA 426A Standard) / 120 W program / 240 W peak
Nominal Impedance	4 Ohm
Average Sensitivity	96dB / 2.83V / 1m (average of 150-16.000Hz wideband)
Maximum SPL Calculation	/ 1m 113 dB continuous / 116 dB program / 119 dB peak
Frequency Range	+/-3 dB between 200 Hz - 20 kHz
Nominal Directivity	120° of horizontal coverage, 30° of vertical coverage
Components	Four (4) speakers of 2.75", 15W with neodymium magnet, 1" voice coil
Amplifier	Last generation Class-D amplifier
Rigging Points	1 x M8
Connectors	4 core Speakon (2 Core 24V / 2 Core Signal +/-)
Acoustic Enclosure	Reinforced polypropylene plastic
Finish	Special paint finish in black
Grille	1mm thickness metal grille with 0.5mm acoustic foam
Cabinet Dimensions	(HxWxD); 320x110x113mm (12.60"x4.33"x4.45")
Weight	1.5 Kg (3.31 lbs) net / 2 Kg (4.41 lbs) with packaging