



Neo Series

Configured
systems



Neo Series

The new **Neo Series** from **Pro DG Systems** is the ideal column-type system configuration for permanent installation, as portable system and all types of point source applications where minimal visual impact is required.

The new **Neo Series** is composed by the new models **i 427 A** (column) and **i 110 BA** (subwoofer), both models have last generation Class-D amplification and own processing which is very intuitive and easy to use for an absolute control, ready to plug-in and work.

The easy interaction of its different elements makes it a tremendously versatile modular system, allowing it to be easily assembled by a single person and to be scaled into systems with a greater number of elements or subdivided into smaller systems if necessary.

The ultra-compact design and very low weight of its elements facilitate its transport, which allows great logistical savings.

The innovative versatility of **Neo Series** makes it the ideal system configuration for one-person band, small band, orchestra, corporate events, as well as for holding events in houses of worship and leisure places, providing the possibility of creating different types of configurations for unmatched flexibility.

The main characteristics and technical specifications of **i 427 A** e **i 110 BA**, are detailed below, as well as different examples of configured systems between them.



**Extremely compact.
Only 1.5 Kg weight**



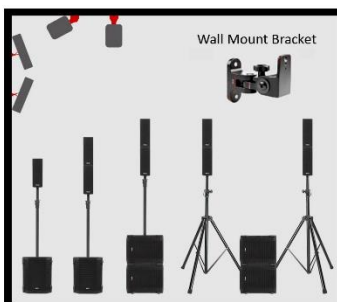
**4 x 2.75" full range
woofer with
neodymium magnet**

**120° horizontal
dispersion,
30° vertical
dispersion**



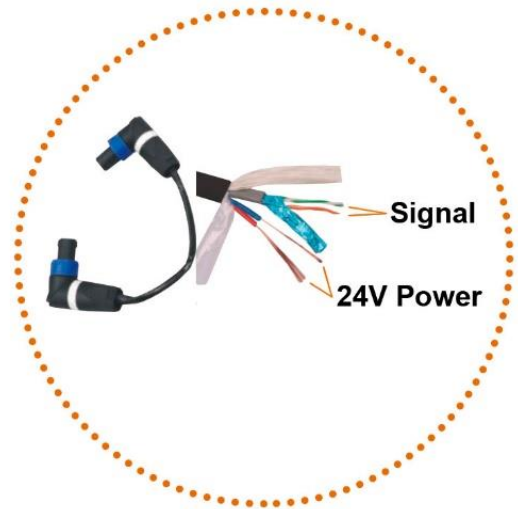
**Class-D amplifier
60 W RMS.
Impedance 4 Ohms**

**360° rotating for
total coverage**



**Extreme versatility for
quick configurations**

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



Column Amplifier



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



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



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)

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	

i 110 BA



**Compact design.
16.9 Kg weight**



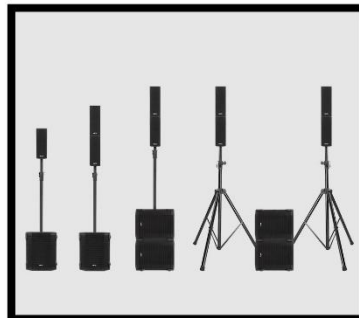
**10" speaker with
2,5" voice coil**

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



**Class-D amplifier
400 W RMS.
Impedance 4 Ohms**

**Can be placed
vertically or
horizontally.
Top & side handle**



**Extreme versatility for
quick configurations**

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

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

Configured systems



Neo 1

Column-type system with 460 W RMS.

Composed by:

1 unit i 427 A + 1 unit i 110 BA

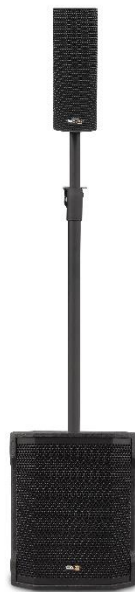


Neo 2

Column-type system with 520 W RMS.

Composed by:

2 units i 427 A + 1 unit i 110 BA



Neo 3

Column-type system with 920 W RMS.

Composed by:

**2 units i 427 A +
2 units i 110 BA**



Neo 4
Column-type system
with 1040 W RMS.

Composed by:
4 units i **427 A** +
2 units i **110 BA**

Neo 5
Column-type system
with 1840 W RMS.

Composed by:
4 units i **427 A** +
4 units i **110 BA**



The best solution for one-person band, small band, orchestras as well as sound reinforcement in multiple events and installations.



Business				
Sports				
Culture				
Events				
Live				







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