



**Apollo Series**

**Configured  
systems**



# Apollo Series

The new **Apollo Series** from **Pro DG Systems** is the perfect system configuration for permanent installation, portable system and all type of point source applications where high performance is required.

The new **Apollo Series** is composed by the new models; **IT 112 PA** (satellite) and **IT-A 118 B** (subwoofer), featuring state-of-the-art Class-D amplification and a very intuitive processing for easy handling and absolute control, ready to plug in and work.

The easy interaction of its different elements makes it a versatile modular system, allowing it to be easily installed by a single person and scale it in systems with a greater number of elements.

The compact design and reduced weight of its elements make it easy to transport, which suppose great logistical savings.

The innovative versatility of **Apollo Series** makes it the ideal system configuration for small bands, orchestras, corporate events, as well as holding events in places of worship and leisure, offering the possibility of creating different system configurations.

The main characteristics and technical specifications of **IT 112 PA** and **IT-A 118 B** as well as different configuration examples between them are specified below.

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# IT 112 PA



360° rotatable



1 speaker of 12" for Low / Mid frequencies.  
1 compression driver of 1/4" for HF

Flight hardware available



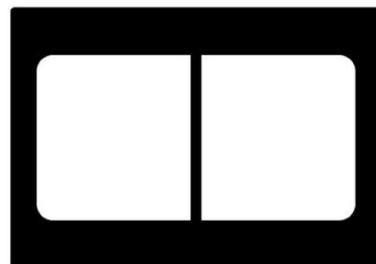
Extreme versatility for quick configurations



Flight hardware for IT 112 PA.



Flight bumper to work in cluster mode.



Flight bumper to work as Line Array system.



Extension bar to connect IT 112 PA with IT-A 118 B.



"T" support for 2 units IT 112 PA.



Bracket for wall installation with adjustable angulation.

Technical specifications		IT 112 PA
<b>Power Handling</b>	2400 W peak / 1200 W program / 600 W RMS (EIA 426A Standard).	
<b>Nominal Impedance</b>	8 Ohm.	
<b>Average Sensitivity</b>	100 dB / 2.83V / 1m (average of 150 - 16000Hz wideband).	
<b>Calculated Maximum SPL</b>	/ 1m 130 dB continuous / 133 dB program / 136 dB peak.	
<b>Frequency Range</b>	+/-3 dB between 40 Hz - 18 kHz.	
<b>Nominal Directivity</b>	80x50 rotating diffuser.	
<b>Low / Mid Frequency Driver</b>	One (1) Pro DG Systems speaker of 12", 8 Ohm, 500 W.	
<b>High Frequency Driver</b>	One (1) Pro DG Systems driver of 1/4", 8 Ohm, 100 W.	
<b>Amplifier</b>	No / Passive, it connects through SAT output of IT-A 118 B.	
<b>Rigging points</b>	12 x M10	
<b>Connectors</b>	2 NL4MP speakon.	
<b>Controls</b>	Multifunction switch to work with its own crossover or biamped.	
<b>Acoustic Enclosure</b>	CNC fabrication in 15mm birch plywood.	
<b>Finish</b>	Special textured black paint finish.	
<b>Grille / Hardware</b>	2 mm metal grille with 0.5 mm acoustic foam + 2 handles with aluminum handgrip.	
<b>Dimensions</b>	(H x W x D); 690x390x380mm (27,16"x15,35"x14,96").	
<b>Weight</b>	27,2 Kg (59,96 lbs) net / 28,7 Kg (63,27 lbs) with packaging.	



# IT-A 118 B



*Compact and lightweight design*



*Extreme versatility for quick configurations*



*96kHz, 24 bit DSP processor with 3 factory presets. Speakon output for SAT*



*Last generation Class-D amplifier*



Technical specifications		IT-A 118 B
<b>Power Handling</b>	4000 W peak / 2000 W program / 1000 W RMS (EIA 426A Standard).	
<b>Nominal Impedance</b>	8 Ohm.	
<b>Average Sensitivity</b>	99 dB / 2.83V / 1m (average of 50-1000Hz wideband).	
<b>Maximum SPL Calculation</b>	/ 1m 125 dB continuous / 128 dB program / 131 dB peak.	
<b>Frequency Range</b>	+/-3 dB between 30 - 150 kHz.	
<b>Nominal Directivity</b>	Omnidirectional.	
<b>Component</b>	One (1) speaker of 18" with ferrite magnet, 1000 W, 8 Ohm.	
<b>Amplifier</b>	Last generation Class-D amplifier with 2 channels, 1*1200w for Low + 1*600w for SAT, with voltage selector. 96kHz, 24 bit DSP processor with 3 factory presets. Speakon output for SAT.	
<b>Connectors</b>	1 XLR/combo channel with output for satellite + XLR Link.	
<b>Controls</b>	On/off switch, volume level, Bluetooth on/off switch, TWS switch, DSP management switch and LCD display for preset selection.	
<b>Power Supply</b>	110~220V 50/60HZ with voltage selector.	
<b>Acoustic Enclosure</b>	CNC fabrication in 18mm birch plywood.	
<b>Finish</b>	Special textured black paint finish.	
<b>Grille / Hardware</b>	2 mm metal grille with 0.5 mm acoustic foam + 1 m20 pole mount adapter + 2 handles with aluminum handgrip.	
<b>Dimensions</b>	(H x W x D); 520x715x605mm (20,47"x28,15"x23,82")	
<b>Weight</b>	49,4 Kg (108,9 lbs) net / 50,9 Kg (112,21 lbs) with packaging.	

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## System configurations



### **Apolo 1**

System with 1600 W RMS. Composed by:  
1 unit **IT 112 PA** + 1 unit **IT-A 118 B**



### **Apolo 2**

System with 3200 W RMS. Composed by:  
2 units **IT 112 PA** + 2 units **IT-A 118 B**

*Ideal for small bands, orchestras, corporate events, as well as holding events in places of worship and leisure, offering the possibility of creating different system configurations.*







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