



i Series

Catalogue 2019

An updated .pdf version of this manual is always available [here](#)

Pro DG Systems. Passion for high quality

More than 30 years of experience at the design, manufacture and selling of high quality and performance professional sound systems. The most advanced tools and innovative technology, an highly experienced and trained workforce in the complete design, manufacture and optimization process of acoustic equipment, hardware and all other related supplements.



An absolute control of the complete developing process by enforcing the most exigent quality control in every step of our sound systems manufacture, counting with our own carpentry and metal work department and the most experienced R + D department.

Advanced Sound Systems

The most effective customer and postsale service, working closely with professionals worldwide to serve and assist the professional effectively in the shortest time possible.

Definitely, passion for high quality, soundness and warranty to satisfy all the requirements of the most exigent professionals.

An exciting project in constant evolution in which an increasing number of professionals around the world are taking part. Advanced Sound Systems.

100% Made in Spain



With European components

A handwritten signature in black ink, which appears to read 'José Carlos López'.

"Thanks to all our partners and friends who make possible this exciting project together"

José Carlos López. General Manager

Index. i Series

i 106

- System overview Pag 4
- Technical specifications & Architectural drawings Pag 5
- Installation accessory Pag 5

i 206

- System overview Pag 6
- Technical specifications & Architectural drawings Pag 7
- Installation accessory Pag 7

i 403

- System overview Pag 8
- Technical specifications & Architectural drawings Pag 9
- Installation accessories Pag 10-11

i 803

- System overview Pag 12
- Technical specifications & Architectural drawings Pag 13
- Installation accessories Pag 14-15

i 110

- System overview Pag 16
- **Technical specifications & Architectural drawings** Pag 17
- Installation accessory Pag 18

New i Series.

Continuing with the expansion of our product portfolio to surpass all the expectations of the professional, **Pro DG Systems** is pleased to introduce the **New i Series**, a new system generation specially focused for fixed installation and all type of point source applications where the minimal visual impact is required.

All the products of the **New i Series** are also 100% designed, manufactured and optimized at Pro DG Systems factory facilities in Spain, exclusively using the best European components and raw materials in order to ensure the high performance and reliability of the system.

The high performance, exquisite sound quality, wide versatility and ultra-compact design of all the products of the **New i Series** make it the best solution for indoor live events, clubs, theatres, houses of worship, conference facilities and assembly halls.

100% Made in Spain



With European components

A handwritten signature in black ink, which appears to read 'José Carlos López'.

"Thanks to all our partners and friends who make possible this exciting project together"

José Carlos López. General Manager

i 106 - System Overview



The **New i 106** is a multipurpose system with an ultra-compact size and light weight (only 6 Kg). Its wide versatility makes it the perfect system for fixed installation and all type of point source applications where the minimal visual impact is required.

This 2-way multipurpose passive system is equipped with one (1) speaker of 6,5" in a tuned enclosure. The HF section has one (1) compression driver of 1", coupled to one (1) diffuser with a Nominal Directivity of 90x60.

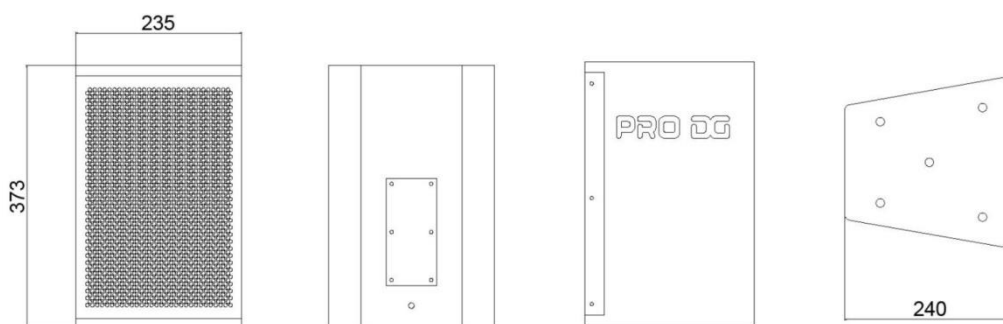
i 106 is made through CNC construction of 15mm made from birch wood plated on the exterior to ensure the maximum robustness.

Despite its small size, **i 106** has been designed to provide with a high performance (thanks to its Average Sensitivity of 97 dB and Maximum SPL peak of 124 dB) and an exquisite sound quality, resulting in an exceptional performance in the vocal range.

Seven rigging points are inserted in the cabinet for a wide range of installation possibilities. Eyebolt and bracket for wall and ceiling installation are also available.

Technical Specifications

Power Handling:	120 W RMS (EIA 426A Standard) / 240 W program / 480 W peak.
Nominal Impedance:	8 Ohm.
Average Sensitivity:	97dB / 2.83V / 1m (average of 150-16.000Hz wideband).
Maximum SPL Calculation:	/ 1m 118 dB continuous / 121 dB program / 124 dB peak.
Frequency Range:	+/-3 dB from 70 Hz to 18 KHz.
Nominal Directivity:	90x60
Low / Mid Frequency Driver:	One (1) speaker of 6,5", 8 Ohm, 100 W.
High Frequency Driver:	One (1) compression driver of 1", 8 Ohm, 20 W.
Rigging Points:	7 x M6
Connectors:	2 NL4MP Neutrik speakon connectors.
Acoustic Enclosure:	CNC model, 15mm made from birch plywood plated on the exterior.
Finish:	Standard finish in black paint of high weather resistance.
Cabinet Dimensions:	(HxWxD); 373x235x240mm (14,69"x9,25"x9,45").
Weight:	6 Kg (13,23 lbs) net / 6,8 Kg (14,99 lbs) with packaging.



Installation accessory for wall and ceiling

- Material: Reinforced steel
- Colour: Black
- Measures: 375x50x215mm (14.76x1.97x8.46 in)
- Weight: 0.17Kg (0.37 lbs)

Incorporates security knob to facilitate mounting.



i 206 - System Overview



The **New i 206** is a multipurpose system with an ultra-compact size and light weight (only 11 Kg). Its wide versatility makes it the perfect system for fixed installation and all type of point source applications where an unobtrusive visual impact is required.

This 2-way multipurpose passive system is equipped with two (2) speakers of 6,5" in a tuned enclosure. The HF section has one (1) compression driver of 1", coupled to one (1) diffuser with a Nominal Directivity of 90x60.

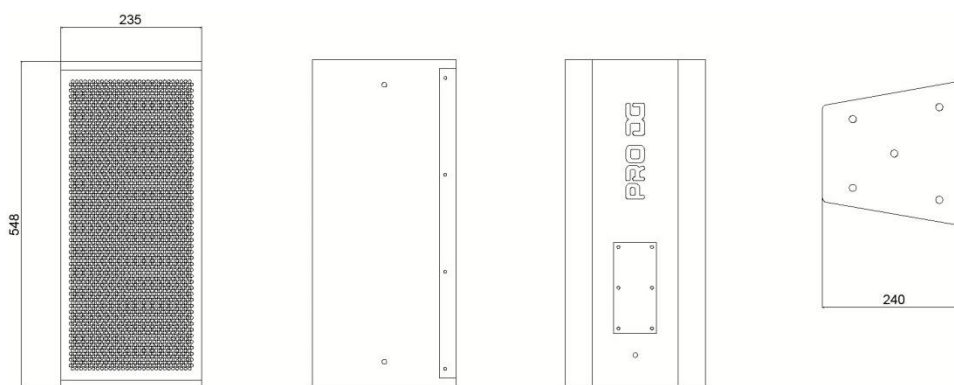
Despite its small size, **i 206** has been designed to provide with a high performance (thanks to its Average Sensitivity of 97 dB and Maximum SPL peak of 126 dB) and an exquisite sound quality, resulting in an exceptional performance in the vocal range.

i 206 is made through CNC construction of 15mm made from birch wood plated on the exterior to ensure the maximum robustness.

Eleven rigging points are inserted in the cabinet for a wide range of installation possibilities. Eyebolt and bracket for wall and ceiling installation are also available.

Technical Specifications

Power Handling:	220 W RMS (EIA 426A Standard) / 440 W program / 880 W peak.
Nominal Impedance:	8 Ohm.
Average Sensitivity:	97dB / 2.83V / 1m (average of 150-16.000Hz wideband).
Maximum SPL Calculation:	/ 1m 120 dB continuous / 123 dB program / 126 dB peak.
Frequency Range:	+/-3 dB from 70 Hz to 18 KHz.
Nominal Directivity:	90x60
Low / Mid Frequency Driver:	Two (2) Beyma speakers of 6,5", 8 Ohm, 100 W.
High Frequency Driver:	One (1) Beyma driver of 1", 8 Ohm, 20 W.
Rigging Points:	11 x M6
Connectors:	2 NL4MP Neutrik speakon connectors.
Acoustic Enclosure:	CNC model, 15mm made from birch plywood plated on the exterior.
Finish:	Standard finish in black paint of high weather resistance.
Cabinet Dimensions:	(HxWxD); 548x235x240mm (21,57"x9,25"x9,45).
Weight:	11 Kg (24,25 lbs) net / 12,2 Kg (26,90 lbs) with packaging.



Installation accessory for wall and ceiling

- Material: Reinforced steel
- Colour: Black
- Measures: 550x50x215mm (21.65x1.97x8.46 in)
- Weight: 0.30Kg (0.66 lbs)

Incorporates security knob to facilitate mounting.



i 403 - System Overview



The **New i 403** is an ultra-compact size and exceedingly light weight (only 2,2 Kg) column speaker. Its wide versatility makes it the perfect system for fixed installation and all type of point source applications where the minimal visual impact is required.

This full range passive system is equipped with four (4) speakers of 3" in a tuned enclosure, providing a horizontal Nominal Directivity of 100°.

i 403 is made through CNC construction of 12mm made from birch wood plated on the exterior to ensure the maximum robustness.

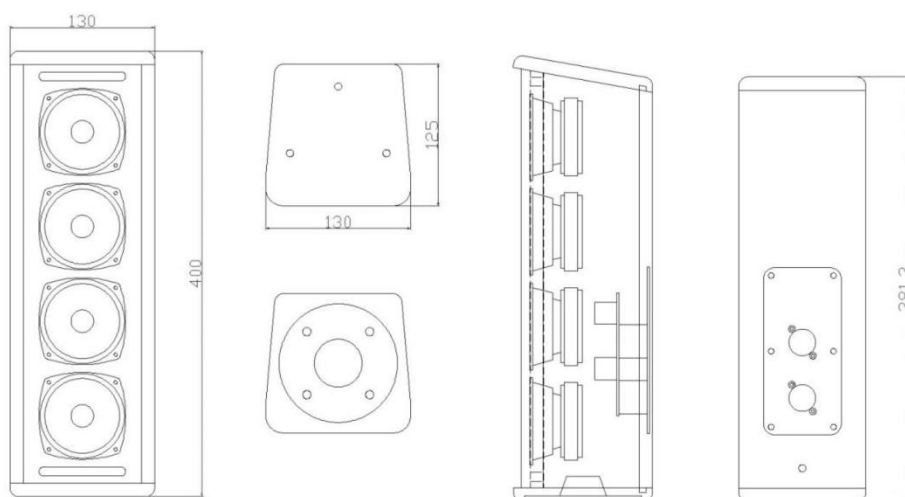
Despite its minuscule size, **i 403** has been designed to provide with a high performance (thanks to its Average Sensitivity of 97 dB and Maximum SPL peak of 124 dB) and an exquisite sound quality, resulting in an exceptional performance in the vocal range.

Integration hardware to combine up to six units **i 403** units is available. Tripod and extensible accessory with thread and mounting fork to stack with subwoofer are also available. **i 403** is ideal to be combined with **IT 115 F** or **IT-A 115 F**, achieving an extremely compact system configuration for small bands applications as well.

Four rigging points are inserted in the cabinet for a wide range of installation possibilities.

Technical Specifications

Power Handling:	140 W RMS (EIA 426A Standard) / program of 280 W / 560 W peak.
Nominal Impedance:	8 Ohm.
Average Sensitivity:	97dB / 2.83V / 1m (average of 150-16.000Hz wideband).
Maximum SPL Calculation:	/ 1m 118 dB continuous / 121 dB program / 124 dB peak
Frequency Range:	+/-3 dB from 170 Hz to 18 KHz.
Nominal Directivity:	100° Horizontal.
Components:	Four (4) speakers of 3", 8 Ohm, 35 W.
Rigging Points:	4 x M5
Connectors:	2 NL4MP Neutrik speakon connectors.
Acoustic Enclosure:	CNC model, 12mm made from birch plywood plated on the exterior.
Finish:	Standard finish in black paint of high weather resistance.
Cabinet Dimensions:	(HxWxD); 400x130x125mm (15,75"x5,12"x4,92").
Weight:	2,2 Kg (4,85 lbs) net / 3 Kg (6,61 lbs) with packaging.



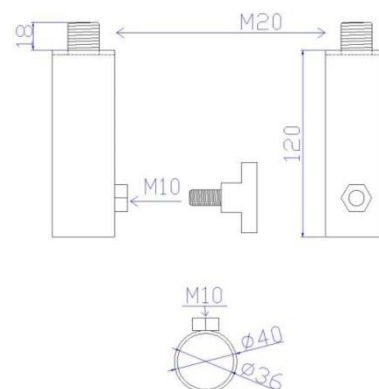
Installation accessories

Threaded tube

Material: Steel, black powder coated, includes safety bolt. It allows stacking one unit i 403 using a tripod or extensible bar.

Tube diameter: 36mm (1.42 in)

Dimensions: 120x40x40mm (4.72x1.57x1.57 in)



Tripod

Material: Aluminum, black powder coated 5 steps (17 cm each step), includes safety bolt.

Height: 125 cm to 195 cm (49.21" - 76.77")

Max Load: 25 Kg (55.11 lbs)

Tube diameter: 35mm (1.38 in)

Folded dimensions: 1040x120x120mm (40.94x4.72x4.72 in)



Extensible accessory with thread

Material: Reinforced steel.

Colour: Black.

Tube diameter: 35mm (1.38 in)

Height: 840mm - 1120mm (33.07" - 44.09")



Distance rod with hand crank and »Ring Lock« system from König & Meyer

- Material: Reinforced steel with black paint coated.
- Tube end(s): Ring Lock diameter 35-37 mm, threaded bolt M20
- Height: 920mm - 1520mm / 36.22" - 59.84"
- Weight: 3.86 Kg (8.51 lbs)
- Features: Hand crank with push-button system and locking screw. 2-piece folding design.

Patented expanding mandrel system »Ring Lock«; vibration – free connection due to moveable plastic splints; push – button system and hand crank avoid uncontrolled reverse motion; locking screw provides additional safety; M20 bolt for precise and vertical fit.

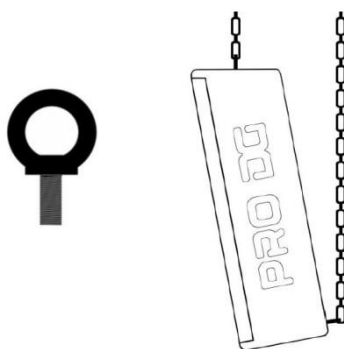


Mounting fork for two (2) units i 403

- Material: Reinforced steel.
- Mounting bolt: Diameter 35x120mm (1.38x4.72 in)
- Width: Adjustable from 310 to 490mm (12.20 - 19.29 in)
- Max Load: 2 x 32 Kg (2 x 70.55 lbs)

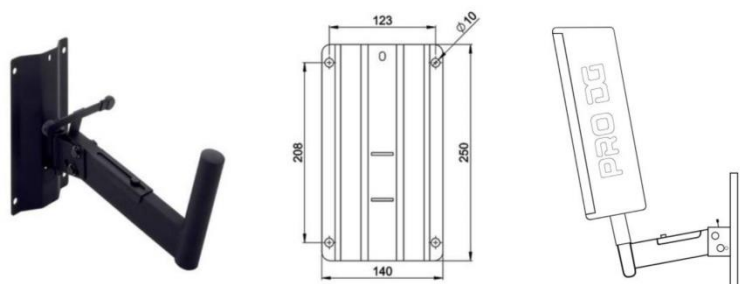
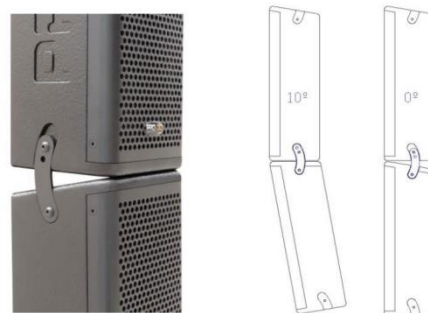


Eyebolt for wall or ceiling installation



Wall mount bracket with steel mounting pole and adjustable angulation to support up to 32 Kg (70.55 lbs) and with a length of 300mm (11.81 in)

Integration hardware to combine up to six units i 403



i 803 - System Overview



The **New i 803** is an ultra-compact size and light weight (only 7 Kg) column speaker. Its wide versatility makes it the perfect system for fixed installation and all type of point source applications where an unobtrusive visual impact is required.

This full range passive system is equipped with eight (8) speakers of 3" in a tuned enclosure, providing a horizontal Nominal Directivity of 100°. **i 803** is made through CNC construction of 12mm made from birch wood plated on the exterior to ensure the maximum robustness.

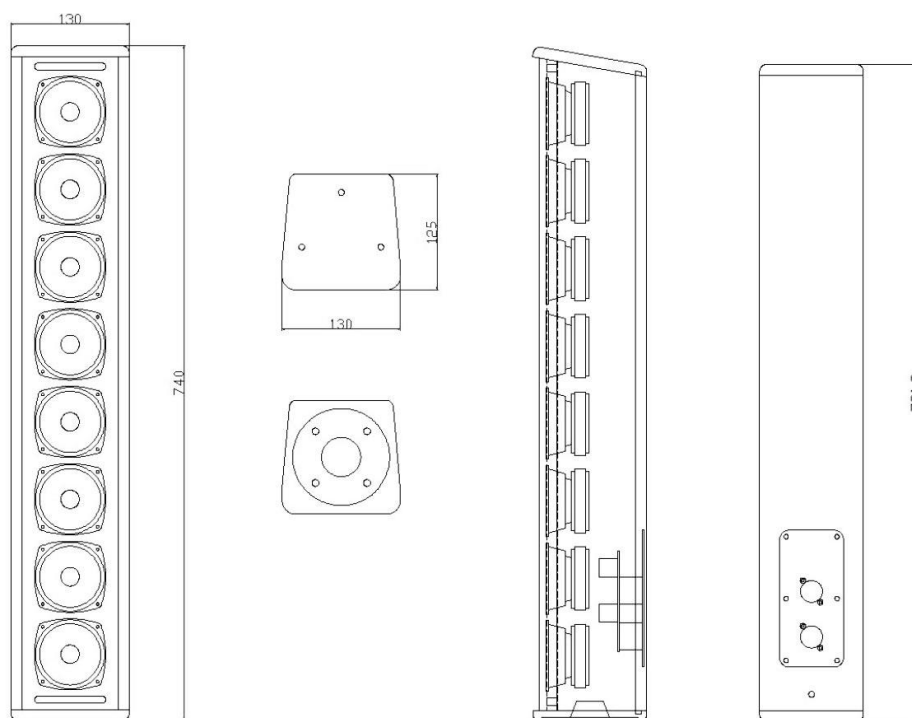
Despite its compact size, **i 803** has been designed to provide with a high performance (thanks to its Average Sensitivity of 98 dB and Maximum SPL peak of 126 dB) and an exquisite sound quality, resulting in an exceptional performance in the vocal range.

Integration hardware to combine up to four units **i 803** units is available. The integration hardware of **i 803** and **i 403** is the same, in order to allow their easy interaction together. Tripod and extensible accessory with thread and mounting fork to stack with subwoofer are also available. **i 803** is ideal to be combined with **IT 115 F**, **IT-A 115 F**, **GT 118 B** or **GTA 118 B SW**, achieving an extremely compact system configuration for small bands applications as well.

Four rigging points are inserted in the cabinet for a wide range of installation possibilities.

Technical Specifications

Power Handling:	280 W RMS (EIA 426A Standard) / program of 560 W / 1120 W peak.
Nominal Impedance:	8 Ohm.
Average Sensitivity:	98dB / 2.83V / 1m (average of 150-16.000Hz wideband).
Maximum SPL Calculation:	/ 1m 120 dB continuous / 123 dB program / 126 dB peak
Frequency Range:	+/-3 dB from 170 Hz to 18 KHz.
Nominal Directivity:	100° Horizontal.
Components:	Eight (8) speakers of 3", 8 Ohm, 35 W.
Rigging Points:	4 x M5
Connectors:	2 NL4MP Neutrik speakon connectors.
Acoustic Enclosure:	CNC model, 12mm made from birch plywood plated on the exterior.
Finish:	Standard finish in black paint of high weather resistance.
Cabinet Dimensions:	(HxWxD); 740x130x125mm (29,13"x5,12"x4,92").
Weight:	7 Kg (15,43 lbs) net / 8 Kg (17,64 lbs) with packaging.



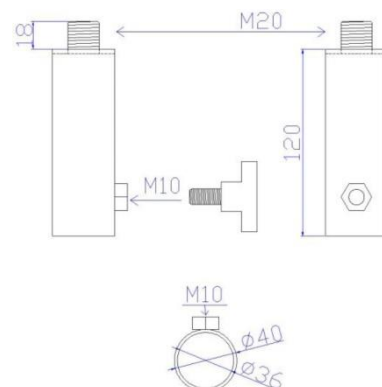
Installation accessories

Threaded tube

Material: Steel, black powder coated, includes safety bolt. It allows stacking one unit i 803 using a tripod or extensible bar.

Tube diameter: 36mm (1.42 in)

Dimensions: 120x40x40mm (4.72x1.57x1.57 in)



Tripod

Material: Aluminum, black powder coated 5 steps (17 cm each step), includes safety bolt.

Height: 125 cm to 195 cm (49.21" - 76.77")

Max Load: 25 Kg (55.11 lbs)

Tube diameter: 35mm (1.38 in)

Folded dimensions: 1040x120x120mm (40.94x4.72x4.72 in)



Extensible accessory with thread

Material: Reinforced steel.

Colour: Black.

Tube diameter: 35mm (1.38 in)

Height: 840mm - 1120mm (33.07" - 44.09")



Distance rod with hand crank and »Ring Lock« system from König & Meyer

- Material: Reinforced steel with black paint coated.
- Tube end(s): Ring Lock diameter 35-37 mm, threaded bolt M20
- Height: 920mm - 1520mm / 36.22" - 59.84"
- Weight: 3.86 Kg (8.51 lbs)
- Features: Hand crank with push-button system and locking screw. 2-piece folding design.

Patented expanding mandrel system »Ring Lock«; vibration – free connection due to moveable plastic splints; push – button system and hand crank avoid uncontrolled reverse motion; locking screw provides additional safety; M20 bolt for precise and vertical fit.

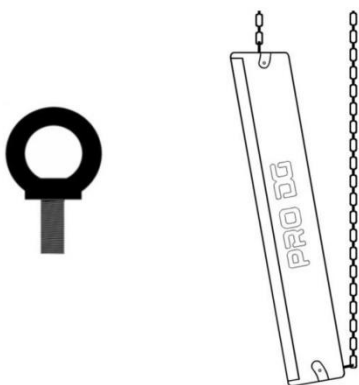


Mounting fork for two (2) units i 403

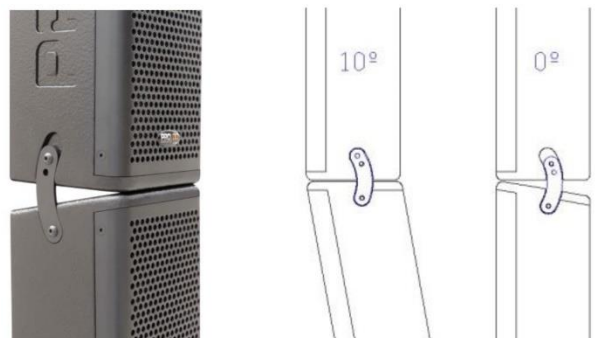
- Material: Reinforced steel.
- Mounting bolt: Diameter 35x120mm (1.38x4.72 in)
- Width: Adjustable from 310 to 490mm (12.20 - 19.29 in)
- Max Load: 2 x 32 Kg (2 x 70.55 lbs)



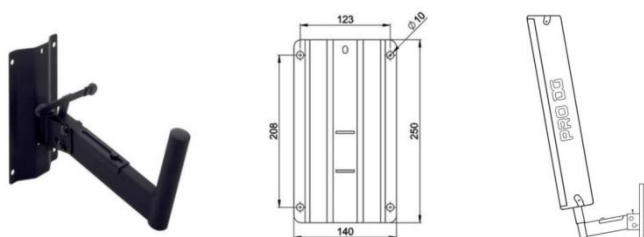
Eyebolt for wall or ceiling installation



Integration hardware to combine up to six units i 803



Wall mount bracket with steel mounting pole and adjustable angulation to support up to 32 Kg (70.55 lbs) and with a length of 300mm (11.81 in)



i 110. - System Overview



The **New i 110** is a compact and light weight (only 12 Kg) multipurpose system. Its high performance (with an Average Sensitivity of 97 dB and Maximum SPL peak of 130 dB) and wide versatility makes it the perfect system for fixed installation and all type of point source applications where a discrete visual impact is required. The exquisite sound quality of **i 110** makes it an exceptional performer in the vocal range as well.

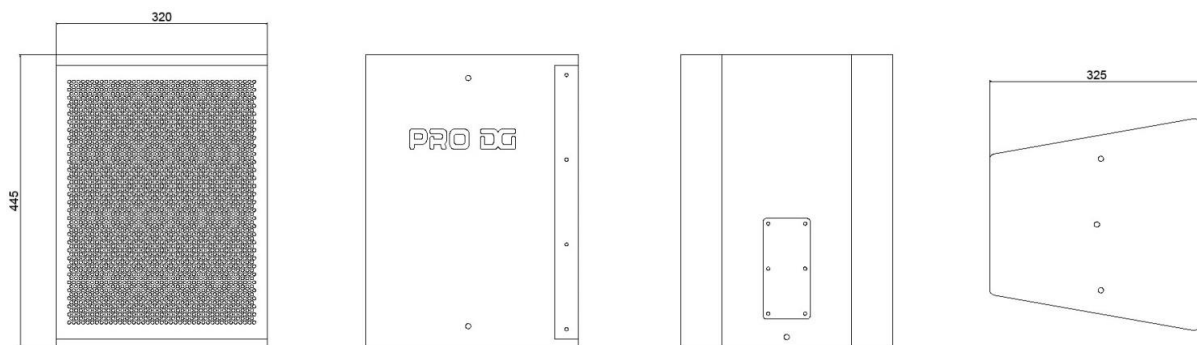
This 2-way multipurpose passive system is equipped with one (1) speaker of 10" in a tuned enclosure. The HF section has one (1) compression driver of 1", coupled to one (1) diffuser with a Nominal Directivity of 90x60.

i 110 is made through CNC construction of 15mm made from birch wood plated on the exterior to ensure the maximum robustness.

Nine rigging points are inserted in the cabinet for a wide range of installation possibilities. Eyebolt and bracket for wall and ceiling installation are also available.

Technical Specifications

Power Handling:	320 W RMS (EIA 426A Standard) / 640 W program / 1280 W peak.
Nominal Impedance:	8 Ohm.
Average Sensitivity:	97dB / 2.83V / 1m (average of 150-16.000Hz wideband).
Maximum SPL Calculation:	/ 1m 124 dB continuous / 127 dB program / 130 dB peak
Frequency Range:	+/-3 dB from 60 Hz to 18 KHz.
Nominal Directivity:	90x60
Low / Mid Frequency Driver:	One (1) speaker of 10", 8 Ohm, 300 W.
High Frequency Driver:	One (1) Beyma driver of 1", 8 Ohm, 20 W.
Rigging points:	9 x M8
Connectors:	2 NL4MP Neutrik speakon connectors.
Acoustic Enclosure:	CNC model, 15mm made from birch plywood plated on the exterior.
Finish:	Standard finish in black paint of high weather resistance.
Cabinet Dimensions:	(HxWxD); 445x320x325mm (17,52"x12,60"x12,80").
Weight:	12 Kg (26,45 lbs) net / 13,2 Kg (29,10 lbs) with packaging.



Installation accessory for wall and ceiling

- Material: Reinforced steel
- Colour: Black
- Measures: 447x50x300mm (21.65x1.97x8.46 in)
- Weight: 0.25Kg (0.55 lbs)

Incorporates security knob to facilitate mounting.





www.prodgsystems.com

≡ Advanced Sound Systems ≡