



IT & IT-A Series

Catalogue 2015

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

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More than 25 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.

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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

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IT 1M6 i - System Overview



Extremely small, compact and astonishing are some terms to define our smallest system attributes. Counting with a Power Handling of 250 RMS / programme of 500 W / 1000 W peak. Average Sensitivity of 95 dB, Maximum SPL peak of 125 dB with measures: 373x235x240mm and net weight of 7 Kg.

Using CNC construction of 15mm made from birch wood plated on the exterior, always respecting our high quality construction philosophy. Its exquisite construction, impressive performance and tonal distinction makes it the most powerful, compact and light system of its rank, becoming it even superior to other much bigger and heavy systems.

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) rotating diffuser of 90X60.

Ideal as sonorous reinforcement for all the systems of the **IT Series** thanks to its unsurpassable flexibility and versatility. Installation hardware is also available to achieve the maximum performance in function of the type of need or event.

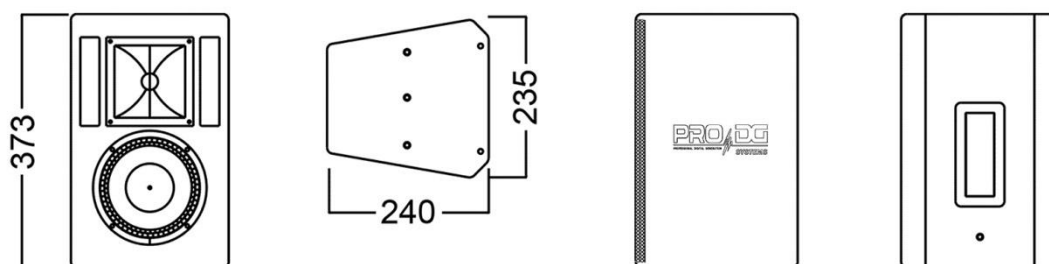
All type of detailed information about **IT 1M6 i** and possible **configurations** between our different systems is available at: www.prodgsystems.com.

Technical Specifications

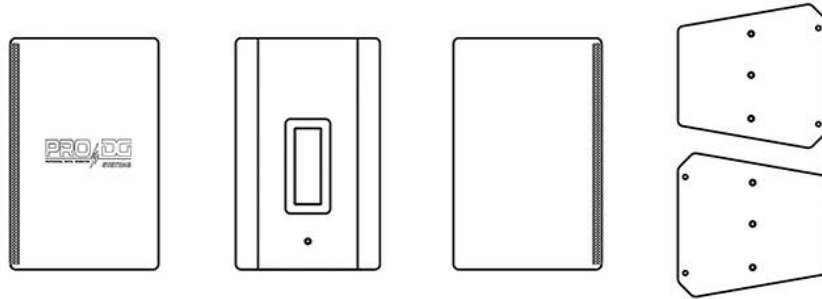
Power Handling:	250 W RMS (EIA 426A standard) / 500 W programme / 1000 W peak.
Nominal Impedance:	8 Ohm.
Average Sensitivity:	95 dB / 2.83 V/1m (average 150 - 16000 Hz wideband).
Maximum SPL Calculation:	/ 1m 119 dB continuous / 122 dB programme / 125 dB peak
Frequency Range:	+/-3 dB from 65 Hz to 19 KHz.
Nominal Directivity:	90x60 rotating diffuser.
Low / Mid Frequency Driver:	One (1) Beyma speaker of 6,5", 8 Ohm, 200 W, 165mm (2") with high temperature glass fiber voice coil.
High Frequency Driver:	One (1) Beyma driver of 1", 8 Ohm, 50 W, 25mm exit (44.4 mm) with voice coil Mylar diaphragm.
Recommended Amplifier:	Pro DG Systems GT 1.2 H, GT 1.2 V, or Lab.gruppen FP 6000Q.
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:	7 Kg (15,43 lbs) net / 7,8 Kg (17,20 lbs) with packaging.

All type of detailed information about components of **IT 1M6 i** is available [here](#).

Architectural Specifications



Hardware & Accessories



IT 1M6 i incorporates seven (7) rigging points offering the maximum versatility in function of the type of need or event.

All type of installation hardware as:

- Eyebolt for wall and ceiling installation.
- Bracket for wall and ceiling installation.
- Complete set with different angulation grades to use **IT 1M6 i** in stack mode.
- Extensible accessory with support tray to use **IT 1M6 i** in stack mode.

is available [here](#).

IT 1M6 L.A. - System Overview



Ultra small, compact and versatile multipurpose system which can also work as mini Line Array system. Its excellent flexibility and usability makes it one of a kind, and grant it the title of the most powerful, compact and light multipurpose / mini Line Array system nowadays.

IT 1M6 L.A. has a Power Handling of 250 RMS / programme of 500 W / 1000 W peak, an Average Sensitivity of 95 dB and Maximum SPL peak of 125 dB (one unit) / 128 dB (four units), with measures: 235x395x240mm and CNC construction of 15mm made from birch wood plated on the exterior.

Its impressive performance, tonal distinction and versatility makes it event superior to other much bigger and heavy systems.

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) rotating diffuser of 90X60.

Ideal as sonorous reinforcement for all the systems of the **IT Series**. Excellent to be used as mini Line Array system in small P.A, frontfill and sidefill, as portable system or permanent installation. Installation hardware is also available to achieve the maximum performance in function of the type of need or event.

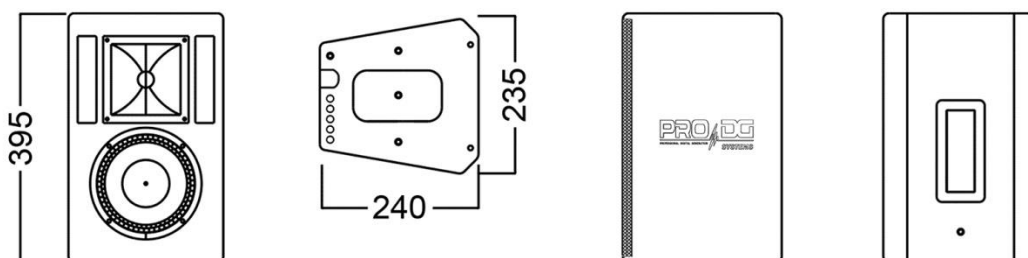
All type of detailed information about **IT 1M6 L.A.** and possible **configurations** between our different systems is available at: www.prodgsystems.com.

Technical Specifications

Power Handling:	250 W RMS (EIA 426A standard) / 500 W programme / 1000 W peak.
Nominal Impedance:	8 Ohm.
Average Sensitivity:	95 dB / 2.83 V/1m (average 150 - 16000 Hz wideband).
Maximum SPL Calculation:	/ 1m 119 dB continuous / 122 dB programme / 125 dB peak (one unit) / 122 dB continuous / 125 dB programme / 128 dB peak (four units).
Frequency Range:	+/-3 dB from 65 Hz to 19 KHz.
Nominal Directivity:	90x60 rotating diffuser.
Low / Mid Frequency Driver:	One (1) Beyma speaker of 6,5", 8 Ohm, 200 W, 165mm (2") with high temperature glass fiber voice coil.
High Frequency Driver:	One (1) Beyma driver of 1", 8 Ohm, 50 W, 25mm exit (44.4 mm) with voice coil Mylar diaphragm.
Recommended Amplifier:	Pro DG Systems GT 1.2 H, GT 1.2 V, or Lab.gruppen FP 6000Q.
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); 235x395x240mm (9,25"x15,55"x9,45").
Weight:	11,7 Kg (25,79 lbs) net / 12,2 Kg (26,90 lbs) with packaging.

All type of detailed information about components of **IT 1M6 L.A.** is available [here](#).

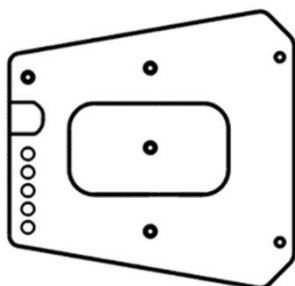
Architectural Specifications



Hardware & Accessories



Flight rigging pack composed by: one (1) lightweight steel frame (with captive guide and links) + four (4) connection pin locks + one (1) shackle. To elevate up a total of 16 units **IT 1M6 L.A.**



Flight hardware inserted to the cabinet with different angulation grades. Built in specially reinforced steel to ensure maximum safety.

Bracket and **Tray** are also available to use in stack mode with subwoofer. Offering the maximum versatility in function of the necessity type or event.



Flight Case to transport four (4) units **IT 1M6 L.A.**. Perfectly dimensioned for an hermetic packaging and ready for the road.



Dolly board and **Covers** to transport four (4) units **IT 1M6 L.A.**. Perfectly dimensioned to transport at any type of truck.

Complete information about accessories for **IT 1M6 L.A.** and is available [here](#).

IT 2M6 i - System Overview



Energy, compactness and lightness are taken to the limit to achieve this amazing multipurpose system, as shows its Power Handling of 450 RMS / programme of 900 W / 1800 W peak and Maximum SPL peak of 128 dB in a compact and lightweight body of: 548x235x240mm and 12,4 Kg. Using CNC construction of 15mm made from birch wood plated on the exterior to ensure the maximum soundness.

Its super compact size and weight not only allows to the professional a high versatility and manageability, its impressive performance and tonal distinction also makes it superior than other much bigger and heavy systems.

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) rotating diffuser of 90X60.

Ideal as sonorous reinforcement for all the systems of the **IT Series** thanks to its unsurpassable flexibility and versatility. Perfect as P.A, frontfill with or without subwoofer, as a portable system or permanent installation. Installation hardware is also available to achieve the maximum performance in function of the type of need or event.

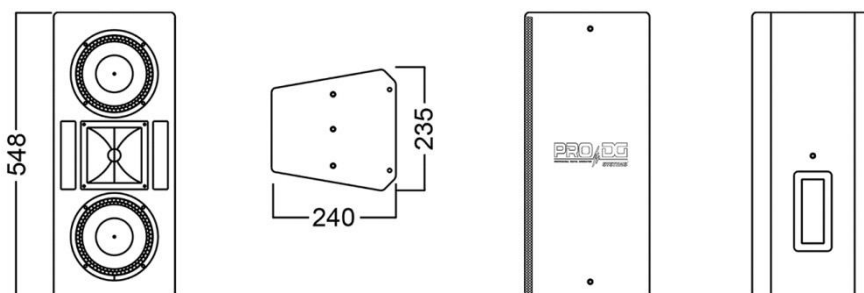
All type of detailed information about **IT 2M6 i** and possible **configurations** between our different systems is available at: www.prodgsystems.com.

Technical Specifications

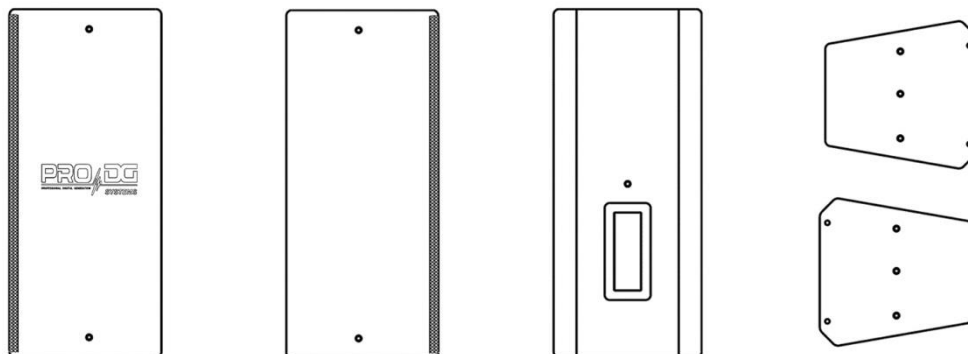
Power Handling:	450 W RMS (EIA 426A standard) / 900 W programme / 1800 W peak.
Nominal Impedance:	8 Ohm.
Average Sensitivity:	96 dB / 2.83 V/1m (average 150 - 16000 Hz wideband).
Maximum SPL Calculation:	/ 1m 122 dB continuous / 125 dB programme / 128 dB peak
Frequency Range:	+/-3 dB from 65 Hz to 19 KHz.
Nominal Directivity:	90x60 rotating diffuser.
Low / Mid Frequency Driver:	Two (2) Beyma speakers of 6,5", 8 Ohm, 200 W, 165mm (2") with high temperature glass fiber voice coil.
High Frequency Driver:	One (1) Beyma driver of 1", 8 Ohm, 50 W, 25mm exit (44.4 mm) with voice coil Mylar diaphragm.
Recommended Amplifier:	Pro DG Systems GT 1.2 H, GT 1.2 V, or Lab.gruppen FP 6000Q.
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:	12,4 Kg (27,34 lbs) net / 13,6 Kg (29,98 lbs) with packaging.

All type of detailed information about components of **IT 2M6 i** is available [here](#).

Architectural Specifications



Hardware & Accessories



IT 2M6 i incorporates eleven (11) rigging points offering the maximum versatility in function of the type of need or event.

All type of installation hardware as:

- Eyebolt for wall and ceiling installation.
- Bracket for wall and ceiling installation.
- Complete set with different angulation grades to use **IT 2M6 i** in stack mode.
- Extensible accessory with support tray to use **IT 2M6 i** in stack mode.

is available [here](#).

IT 2M6 L.A. - System Overview



The perfect example of advanced high-end engineering thanks to its Power Handling of 450 W RMS / programme of 900 W / 1800 W peak, Average Sensitivity of 99 dB and Maximum SPL peak of 131 dB (one unit) and 134 dB (four units) in a super compact and lightweight body of 235x570x240mm and 17,6 Kg. Using CNC construction of 15mm made from birch wood plated on the exterior. Always respecting our high quality construction philosophy.

This multipurpose system can be also used as Line Array system. The wide versatility of **IT 2M6 L.A.** together with its impressive relationship between performance and size, makes it even superior to other much bigger and heavy systems.

IT 2M6 L.A. is a 2-way multipurpose passive system equipped with two (2) speakers of 6,5" in a tuned enclosure. The HF section has one (1) compression driver of 1", coupled to a rotating diffuser of 90X60.

Ideal as sonorous reinforcement for all the systems of the **IT Series**. Excellent to be used as mini Line Array system in small P.A, frontfill and sidefill, as portable system or permanent installation. Installation hardware is also available to achieve the maximum performance in function of the type of need or event.

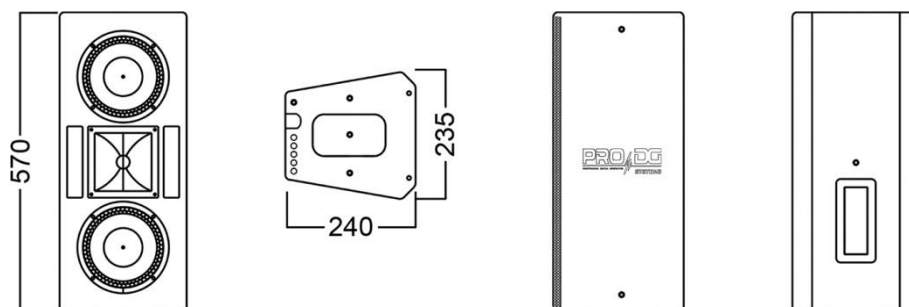
All type of detailed information about **IT 2M6 L.A.** and possible **configurations** between our different systems is available at: www.prodgsystems.com.

Technical Specifications

Power Handling:	450 W RMS (EIA 426A standard) / 900 W programme / 1800 W peak.
Nominal Impedance:	16 Ohm.
Average Sensitivity:	99 dB / 2.83 V/1m (average 150 - 16000 Hz wideband).
Maximum SPL Calculation:	/ 1m 125 dB continuous / 128 dB programme / 131 dB peak (one unit) / 128 dB continuous / 131 dB programme / 134 dB peak (four units).
Frequency Range:	+/-3 dB from 65 Hz to 19 KHz.
Nominal Directivity:	90x60 rotating diffuser.
Low / Mid Frequency Driver:	Two (2) Beyma speakers of 6,5", 8 Ohm, 200 W, 165mm (2") with high temperature glass fiber voice coil.
High Frequency Driver:	One (1) Beyma driver of 1", 8 Ohm, 50 W, 25mm exit (44.4 mm) with voice coil Mylar diaphragm.
Recommended Amplifier:	Pro DG Systems GT 1.2 H, GT 1.2 V, or Lab.gruppen FP 6000Q.
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); 235x570x240mm (9,25"x22,44"x9,45").
Weight:	17,6 Kg (38,80 lbs) net / 18,8 Kg (41,45 lbs) with packaging.

All type of detailed information about components of **IT 2M6 L.A.** is available [here](#).

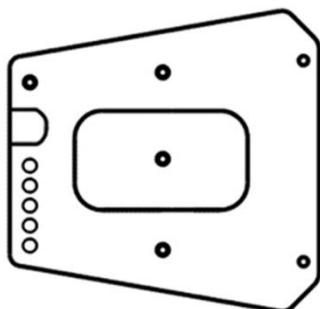
Architectural Specifications



Hardware & Accessories



Flight rigging pack composed by: one (1) lightweight steel frame (with captive guide and links) + four (4) connection pin locks + one (1) shackle. To elevate up a total of 16 units **IT 2M6 L.A.**



Flight hardware inserted to the cabinet with different angulation grades. Built in specially reinforced steel to ensure maximum safety.

Bracket and **Tray** are also available to use in stack mode with subwoofer. Offering the maximum versatility in function of the necessity type or event.



Flight Case to transport four (4) units **IT 2M6 L.A.** Perfectly dimensioned for an hermetic packaging and ready for the road.



Dolly board and **Covers** to transport four (4) units **IT 2M6 L.A.** Perfectly dimensioned to transport at any type of truck.

Complete information about accessories for **IT 2M6 L.A.** and is available [here](#).

IT 212 P.A. & IT-A 212 P.A. - System Overview



The New IT 212 P.A. in addition to count with an excellent relationship between performance and size thanks to its Power Handling of 600 W RMS / programme of 1200 W / 2400 W peak, Maximum SPL peak of 136 dB and compact CNC construction of 18 and 15mm made from birch wood plated on the exterior, with measures: 690x390x380mm and 24,7 Kg of weight. It has been completely redesigned to offer a new improved look and an unprecedented versatility never met before in a conventional P.A system.

The new **IT 212 P.A.** incorporates a rotating diffuser with coverage: 80° x 50°, to be used individually, or a rotating diffuser with coverage: 80° x 30°, to work horizontally stacked or flown with two or more units together as X-Array system of constant curvature, or vertically adapted thanks to its special flight hardware to also work as a Line Array system.

This 2-way multipurpose system of high performance is equipped with one (1) speaker of 12" in a tuning enclosure. The HF section has one (1) compression driver of 1/4". It can be served in passive version (**IT 212 P.A.**) or self-powered version (**IT-A 212 P.A.**) which includes inserted amplification module **GT 1.2 V**, offering the advantage of amplify itself and another passive unit **IT 212 P.A.** in slave mode.

A new concept of high performance multipurpose system. Ideal as sonorous reinforcement for all the

IT Series. Excellent to be used as main P.A, frontfill and sidefill with or without subwoofer, as portable system, in permanent installation, or as monitor for voice and instruments. All type of installation and rigging hardware available to achieve the maximum performance in function of the type of need or event.

All type of information about **IT 212 P.A.** and **IT-A 212 P.A.** is available at: www.prodgsystems.com

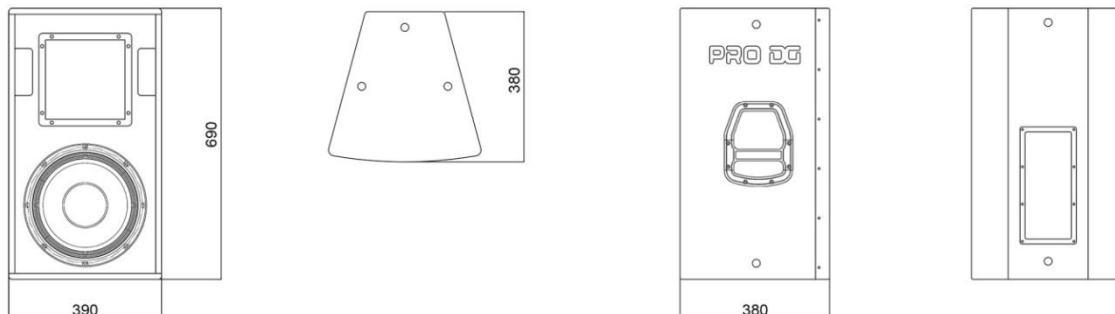
Technical Specifications

Power Handling:	600 W RMS (EIA 426A standard) / 1200 W programme / 2400 W peak.
Nominal Impedance:	8 Ohm.
Average Sensitivity:	100 dB / 2.83 V/1m (average 150 - 16000 Hz wideband).
Maximum SPL Calculation:	/ 1m 130 dB continuous / 133 dB programme / 136 dB peak
Frequency Range:	+/-3 dB from 40 Hz to 18 KHz.
Nominal Directivity:	80x50 rotating diffuser (one unit) / 80x30 rotating diffuser (two units).
Low / Mid Frequency Driver:	One (1) Beyma speaker of 12", 8 Ohm, 500 W, 330,2 mm (3") of diameter with high temperature glass fiber voice coil.
High Frequency Driver:	One (1) Beyma driver of 1/4", 8 Ohm, 100 W, 36mm exit, (44.4mm) with voice coil Mylar diaphragm.
Recommended Amplifier *	Pro DG Systems GT 1.2 V, or Lab.gruppen FP 6000Q.
Rigging points:	12 x M10
Connectors **	2 NL4MP Neutrik speakon connectors.
Acoustic Enclosure:	CNC model, 18-15mm made from birch plywood plated on the exterior.
Finish:	Standard finish in black paint of high weather resistance.
Cabinet Dimensions:	(HxWxD); 690x390x380mm (27,16"x15,35"x14,96").
Weight ***	24,7 Kg (54,45 lbs) net / 25,9 Kg (57,10 lbs) with packaging.

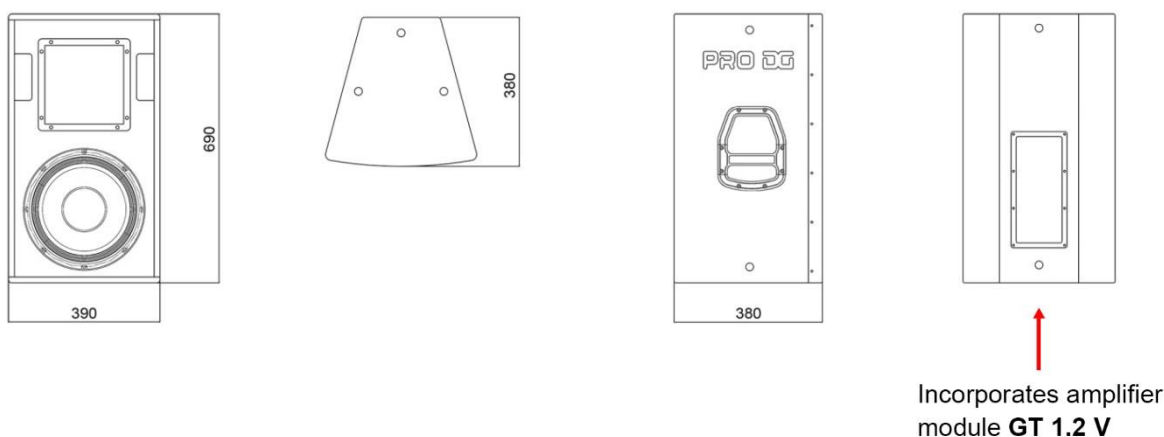
For IT-A 212 P.A.

Recommended Amplifier *	Pro DG Systems GT 1.2 V into the cabinet.
Connectors **	2 X XLR + 1 NL4MP speakon connectors. USB-Ethernet + 2 X Powercom.
Weight ***	26 Kg (57,32 lbs) net / 27,2 Kg (59,97 lbs) with packaging.

Architectural Specifications (IT 212 P.A.)



Architectural Specifications (IT-A 212 P.A.)



Hardware & Accessories

IT 212 P.A. and **IT-A 212 P.A.** incorporate twelve (12) rigging points offering the maximum versatility in function of the type of need or event. All type of installation and rigging hardware as:

- Eyebolt for wall and ceiling installation.
- Tripod, extensible accessory with thread and mounting fork for stacking mode with subwoofers.
- Wall mount bracket with steel mounting-pole and adjustable angulation.
- Cluster mode adapter with angulation points and rigging hardware.
- Flight Case to transport two (2) units **IT 212 P.A.** or **IT-A 212 P.A.**

is available [here](#).

IT 115 F & IT-A 115 F - System Overview



A super compact sub and an excellent bass reinforcement for all the systems of the **IT / IT-A Series** and **M / MA Series** thanks to its relationship between performance, size and weight. **IT 115 F** owns a Power Handling of 600 W RMS / 1200 W programme / 2400 W peak, an Average Sensitivity of 99 dB and Maximum SPL of 131 dB, in a compact CNC construction of 15mm made from birch wood plated on the exterior, with measures 480x505x605mm and 32 Kg of weight.

Superior to other much bigger and heavy subwoofer systems despite its compact size, **IT 115 F** is equipped with one (1) speaker of 15" in a tuning enclosure.

It can be served in passive version (**IT 115 F**) or self-powered version (**IT-A 115 F**) which includes inserted amplification module **GT 1.2 V**, offering the advantage of amplify itself and another passive unit **IT 115 F** or one unit **IT 1M6 i** / **IT 1M6 L.A.** / **IT 2M6 i** / **M 10** or one **M 12**, passive in slave mode. An innovative and smart amplification capability which allows amplifying a complete set only through a small self-powered subwoofer system and provide with the maximum versatility to the professional.

All type of detailed information about **IT 115 F** and **IT-A 115 F** in addition to possible **configurations** between our different systems is available at: www.prodgsystems.com.

Technical Specifications

Power Handling:	600 W RMS (EIA 426A standard) / 1200 W programme / 2400 W peak.
Nominal Impedance:	8 Ohm.
Average Sensitivity:	99 dB / 2.83 V/1m (average 50 - 1000 Hz wideband).
Maximum SPL Calculation:	/ 1m 125 dB continuous / 128 dB programme / 131 dB peak
Frequency Range:	+/-3 dB from 30 Hz to 150 Hz.
Nominal Directivity:	Omnidirectional.
Low / Mid Frequency Driver:	One (1) Beyma speaker of 15", 8 Ohm, 600 W, 406mm of diameter with high temperature glass fiber voice coil.
Recommended Amplifier *	Pro DG Systems GT 1.2 V, or Lab.gruppen FP 6000Q.
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); 480x505x605mm (18,90"x19,88"x23,82")
Weight ***	32 Kg (70,55 lbs) net / 33,2 Kg (73,19 lbs) with packaging.

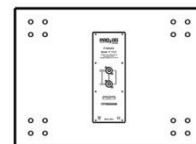
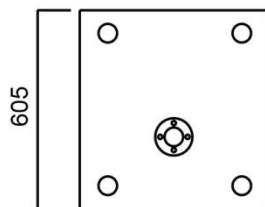
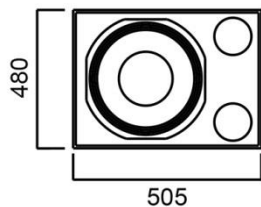
All type of detailed information about components of **IT 115 F** is available [here](#).

For IT-A 115 F

Recommended Amplifier *	Pro DG Systems GT 1.2 V into the cabinet
Connectors **	2 X XLR + 1 NL4MP speakon connectors. USB-Ethernet + 2 X Powercom.
Weight ***	33,3 Kg (73,41 lbs) net / 34,5 Kg (76,06 lbs) with packaging.

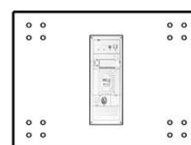
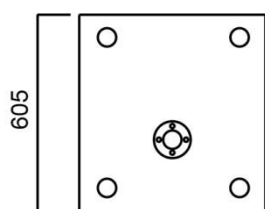
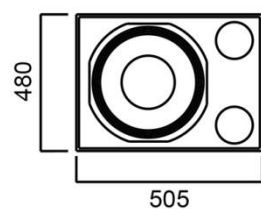
All type of detailed information about components of **IT-A 115 F** is available [here](#).

Architectural Specifications (IT 115 F)



Points for wheels insertion of 100mm are also available for easy transport.

Architectural Specifications (IT-A 115 F)



incorporates amplifier module **GT 1.2 V**

Hardware & Accessories

All type of installation hardware available for **IT 115 F** and **IT-A 115 F** as:

- Support bar to interact with **M 10**, **M 12** and **M 15** in stack mode.
- Bracket and Tray to use in stack mode with **IT 1M6 L.A.** and **IT 2M6 L.A.**



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