PRO DG
PROFESSIONAL DIGITAL GENERATION
SYSTEMS



“Blast your sound to the next level”

AVIATOR LA 206 A

User manual

This manual has been designed to help AVIATOR LA 206 A system users from Pro DG Systems to its correctly use and understand its benefits and versatility.

Before using the product, carefully read "Precautions" section of this manual (pages 4 - 5). Please keep this document in a safe place for future reference.



Before flying the system, carefully read "Safety instructions" subsection, located in "Flight hardware" section (pages 27 - 28).

The information included in this document may be changed without prior notice. To stay up to date with the latest version of this document, we recommend that you periodically consult Pro DG Systems website.

When reselling this product, give this document to the new owner. If you supply Pro DG Systems products, please inform your customers about this document.

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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 symbol indicates that the product cannot be treated as ordinary household waste, it must be deposited at the corresponding collection point for electrical and electronic equipment.



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.

Warranty

All the Pro DG Systems products have a 24-month warranty period, which begins from the invoice date of the first purchase.

Consult everything relevant to the warranty conditions at Pro DG Systems website: https://prodgsystems.com/20-vc-warranty.html

Or via email at: info@prodgsystems.com

Declaration of conformity

Pro DG Systems declares that the product with reference **AVIATOR LA 206 A** complies with the objectives expressed in the following **European Directives:**

- Low voltage 2014/35/UE.
- Electromagnetic compatibility 2014/30/UE.
- RoHS 2011/65/UE. About restrictions on the use of certain dangerous substances in electrical and electronic equipment.
- RAEE / WEEE 2012/19/UE. About waste electrical and electronic equipment.
- General Product Safety 2023/988/UE.

And it complies with the following **European Harmonized Standards**:

- EN 60065:2014. Audio, video and analog electronic devices.
- EN 55032:2012. Electromagnetic compatibility of multimedia equipment. Part 1: emission requirements.
- EN 55103-2:2009. Electromagnetic compatibility. Part 2 Immunity.

This declaration is available for request by email: info@prodgsystems.com

Or to be downloaded from the website: www.prodgsystems.com

Description

AVIATOR LA 206 A is the little sibling in the family of line array systems from the new **Aviator Series**.

The new AVIATOR Series from **Pro DG Systems** has been developed with the purpose of offering the best quality-price ratio on the market. It has a completely modernized appearance, great power and reduced weight thanks to the incorporation of state-of-the-art components.

Designed in Spain, the new AVIATOR LA 206 A is the 6,5" self-powered Line Array system with the best quality-price ratio on the market.



Equipped with two 6,5" Pro DG Systems speakers" in a tuned enclosure. The HF section features a 1/4" Pro DG Systems compression driver coupled to a waveguide.

The transducer configuration generates a symmetrical and horizontal dispersion of 100º without secondary lobes in the frequency range.

AVIATOR LA 206 A has a **new state-of-the-art Class-D amplifier module and own DSP**, very intuitive to use for easy handling and absolute control. The included amplifier features 2 channels of 1000 W RMS @ 4 ohms.

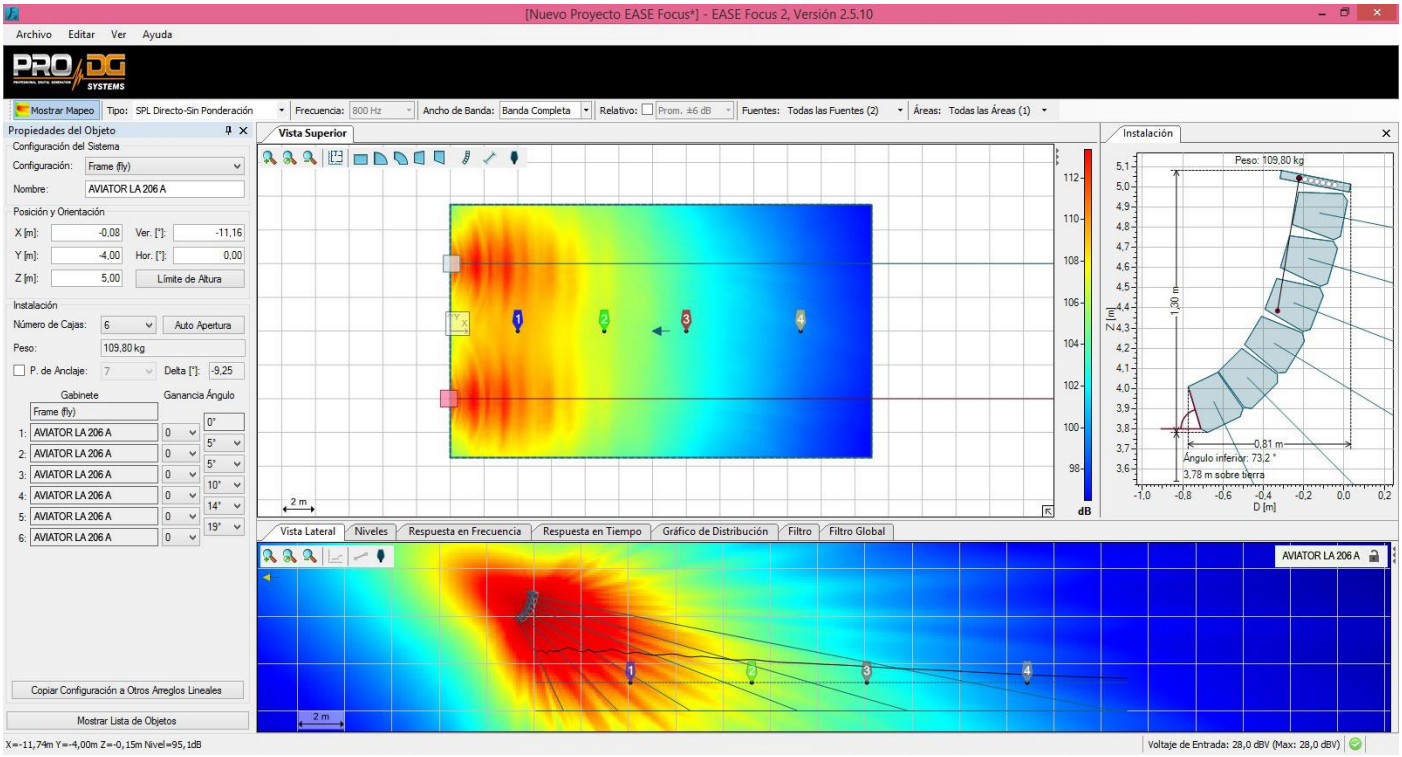
It incorporates a switching power supply and a limiter system to guarantee the protection of both the amplifier and the other components as well. Includes factory presets.

ProDG net

Remote processing, control and management are carried out through ***ProDGnet*** software. ***ProDGnet*** software allows an instantaneous and intuitive view of the status of all systems, as well as absolute control of the different parameters individually (unit by unit).

Ease Focus prediction software is available.

At Pro DG Systems we know the importance for professionals of having a flexible, easily configurable system that guarantees maximum sound performance without the cost of external processors or additional wiring.



The joint use of *ProDGnet* processing software and Ease Focus prediction software allows you to achieve this objective in seconds, achieving:

- Remote SPL level control.

- Frequency response uniformity for the entire public.

- Digital direction of sound projection in listening areas.

- Reduction of the sound pressure level in areas that should be avoided, such as the stage, walls, or unused balconies.

- Simplification and streamlining of assembly times.

The construction of the AVIATOR LA 206 A system is made of birch plywood using CNC machining, with a special polyurea finish resistant to impacts and inclement weather.

Its front part is protected by a robust metal grille and acoustic foam.

The **flight hardware** design of AVIATOR LA 206 A is quick and intuitive to use. The fly bar also allows the use of several units in stack format. It also features a stacking tray for stacking up to 2 AVIATOR LA 206 A units using an extendable bar, a subwoofer, or a tripod (optional).

Easy to transport thanks to its compact, lightweight and ergonomic design, offering a pleasant visual impact too.

AVIATOR LA 206 A has all the necessary accessories for transport and complete wiring ready to plug in and work.

The perfect solution as main PA, frontfill and sidefill at outdoor events or permanent installation. Ideal for working in live concerts, theaters, coverage under amphitheaters, places of worship, corporate applications and all types of events where high performance and versatility are necessary.

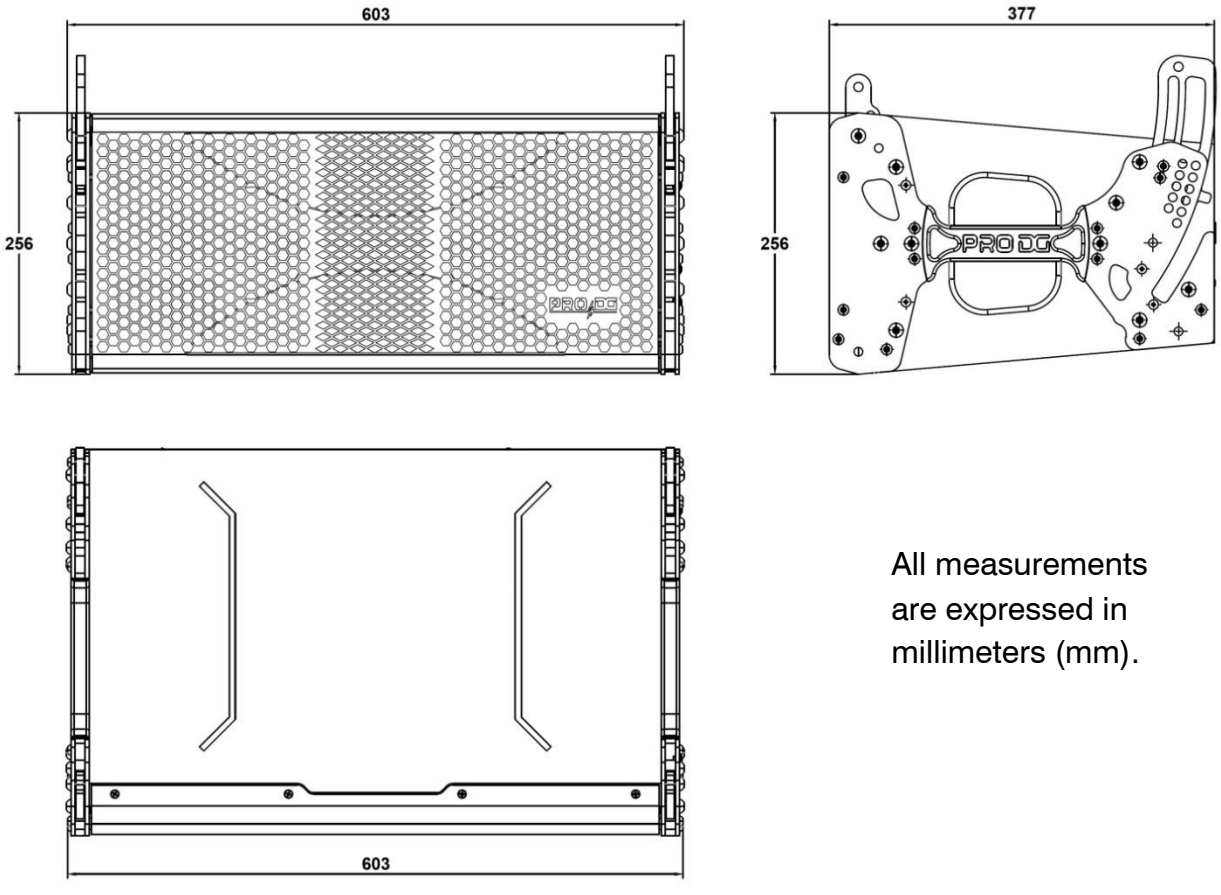
Technical datasheet

AVIATOR LA 206 A	
Power handling	500 W RMS / 1000 W program / 2000 W peak.
Maximum SPL Calculation	1m / 127 dB continuous / 130 dB program / 133 dB peak.
Nominal Impedance	8 Ohm.
Frequency Range	70 - 20000 Hz.
Dispersion Angle	100º horizontal. 10º vertical.
MF and LF components	Two 6,5” speakers. Neodymium. 200 W RMS (per unit).
HF components	One 1/4" compression driver with 3” diaphragm. Ferrite. 100 W RMS.
Frequency cut-off for MF *	90 Hz Linkwitz-riley 24 filter - 1200 Hz Linkwitz-riley 24 filter.
Frequency cut-off for HF *	1200 Hz Linkwitz-riley 24 filter - 18 kHz Linkwitz-riley 24 filter.
Frequency cut-off for subwoofer *	Up to 90 Hz. Linkwitz-riley 24 filter.
Amplifier	State-of-the-art Class-D. 2 x 1000 W RMS @ 4 Ohm. Surge protection up to 265 V AC, output protection against overload, clip, limiter. Input type: balanced. Input impedance: 20000 ohms. Input sensitivity: 6.2 V (+18 dBu).
DSP	64 Bit / 48 KHz. 6 factory presets with on-screen selection button.
Pro DG net	1 Ethernet port for network-based system control.

Connectors	1 x XLR female (input signal), 1x XLR male (output link). PowerCON REAM RCAC3 (current supply).
Controls	On / off switch and master volume. Preset selector cursor.
Power supply	AC 90~264V - 50 / 60HZ.
Construction	Birch plywood, CNC-machined. 1.2mm-thick perforated steel front grille, finished with an oven-cured, black electrostatic powder coating. Includes acoustic foam.
Paint	Special polyurea finish resistant to impacts and inclement weather. Black color (standard).
Dimensions (height x width x depth)	256 x 603 x 377mm (10,08 x 23,74 x 14,84in).
Weight	21 Kg (43,30 lbs) net / 23 Kg (50,71 lbs) with packaging.

***** Disrespect the suggested frequency cuts-off on the different ways may cause components breakage.

Architectural specifications



All measurements are expressed in millimeters (mm).

User guide. First steps

Turning On / Off

Turning on any sound system must be done from back to front. Turn on sources such as CD players first, then the mixer, then the processors, and finally the self-powered loudspeakers. If you have several self-powered loudspeakers, it is advisable to turn them on sequentially one by one.

When turning off the sound system, follow the reverse process, turning off the self-powered loudspeakers before any other element of the system.

Disconnect the device using the mains plug. Both the power connector and the plug must always be accessible and must never be covered or blocked.

To disconnect the power, remove the Powercom type cable from the power connector located on the equipment amplifier, perform this operation on all loudspeakers.

Important: do not unplug the computer when music is playing.

Limiter

AVIATOR LA 206 A amplifier has a limiter system to protect the equipment.

An excessive level makes the equipment sound bad, causing hearing fatigue, with consequent damage to your health.

Equalization

This system does not need additional equalizers. In any case, values higher than +3dB are not recommended.

Remote control and processing are carried out through the ***ProDGnet*** software (see page 18 for more information).

Overheating

The amplifier has a cooling system by incorporating an aluminum heatsink plate and forced ventilation. In case of overheating the amplifier will mute to protect itself. In most cases it will be enough to let the unit cool down for it to work properly again.

You must ensure that the ventilation grilles are free of dust and dirt, as well as preventing their obstruction.

User guide. Troubleshooting

Problem	Cause	Solution
The unit does not sound.	1. The signal source is not sending a signal over the cable. 2. Defective cable.	1. Check the mixer output indicator to see if the signal is being sent. 2. Make sure the cables are connected correctly. If so; use another cable.
The unit does not sound at its maximum level.	1. The mixer or signal source has insufficient output. 2. Possible overheating of the unit.	1. If you use a mixer, be sure to use balanced output if it has one. Use a mixer or signal source with a higher output level. 2. Lower the master level of the table.
Distorted sound signal.	The mixer or other signal is distorting.	Lower the overall mixer output level or channel gain. Check that the signal source is ok.
Distorted and very loud sound signal.	The system is being overloaded with too much input signal and has reached maximum power.	Lower the mixer output level.
Noise when the unit is connected to a mixer.	1. Probably the output has unbalanced output. Poorly constructed unbalanced to balanced cables are being used. 2. The connections to the electrical network are not correct. 3. The signal cable is too long or too close to the AC line.	1. Check output and replace wiring. 2. Plug the mixer and powered box into the same outlet. 3. Use a signal cable as short as possible and avoid it being too close to the AC power cable.

Noise or buzz when light controls are used in the same environment.	1. The sound system is connected to the same phase than the lights. 2. The sound cables are too close to the light cables.	1. Connect the sound system and lighting system to different phases. Request the help of an electrician. 2. Aleje los cables de audio de los cables de luces.
The system does not turn on even though the power cable is correctly connected, both to the network and to the box.	1. Defective cable. 2. Internal fuse blown.	1. Check the cables, connectors and power outlet with a tester or multimeter. 3. Contact your Pro DG Systems distributor or authorized professional to perform the repair.



If you have any technical problem or questions about Pro DG Systems products; contact our technical support department at: sat@prodgsystems.com

Speakers

AVIATOR LA 206 A include two 6,5” Pro DG Systems speakers with neodymium magnet, in charge of reproducing low and medium frequencies.





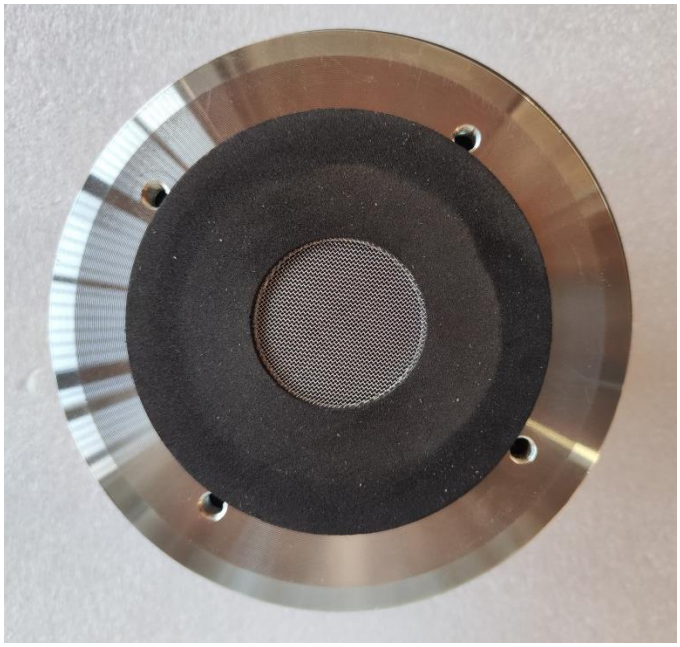


Main characteristics
Power handling of 200 W RMS / 400 W program
Optimized cooling system
Optimized neodymium magnet circuit
Optimized to deliver great LF and MF range performance

Compression driver

The HF section of AVIATOR LA 206 A has one 1/4” Pro DG Systems compression driver with a 3” diaphragm and a ferrite magnet, in charge of reproducing high frequencies.





Main characteristics
Power handling of 100 W RMS / 200 W program
FEM-optimized 3” diaphragm driver
State-of-the-art HF design

Horn

The compression driver of AVIATOR LA 206 A is coupled to a horn, specifically designed to achieve maximum performance and acoustic quality in high frequencies.







Made of fiberglass (BMC) and polyurethane (PU2). The combination of both materials allows obtaining a horn with great resistance and low weight, also providing a perfect blend between medium and high frequencies.

Amplifier

AVIATOR LA 206 A has a **new state-of-the-art Class-D amplifier module and own DSP**, very intuitive to use for easy handling and absolute control. The included amplifier features 2 channels of 1000 W RMS @ 4 ohms.

Input type: balanced. Input impedance: 20000 ohms.
Input sensitivity: 6.2 V (+18 dBu).
Switching power supply with overvoltage protection up to 264 V AC, output protection against overload and limiter system to guarantee protection of the amplifier as well as other components. Includes factory presets.



1. On / Off switch.
2. Powercom connector for current output (link).
3. Powercom connector for current input.
4. Fuse holder.
5. Indicators:
   * Peak: input signal overload indicator.
   * Limit: limiter activation indicator.
   - -6dB indicator: it lights up when there is an input signal ≥-6dB.
   - -24dB indicator: it lights up when there is an input signal ≥-24dB.
   * Signal: signal indicator.
6. Menu: menu entry button.
7. LCD screen.
8. Exit: button to exit the menu or move up one level in the hierarchy.
9. Line IN: balanced signal input.
10. Line OUT: balanced signal output.
11. Network: Ethernet network port (ProDGnet).
12. Volume control.
13. DSP: allows gain adjustment, preset selection, and system settings.

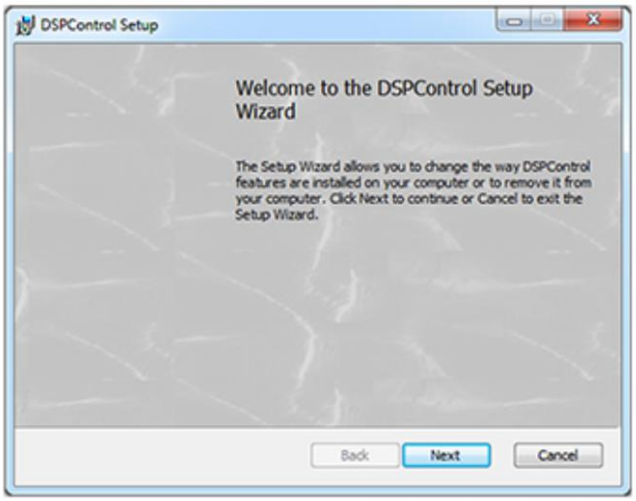
DSP. *ProDGnet*

Remote processing, control and management are carried out through ***ProDGnet*** software.

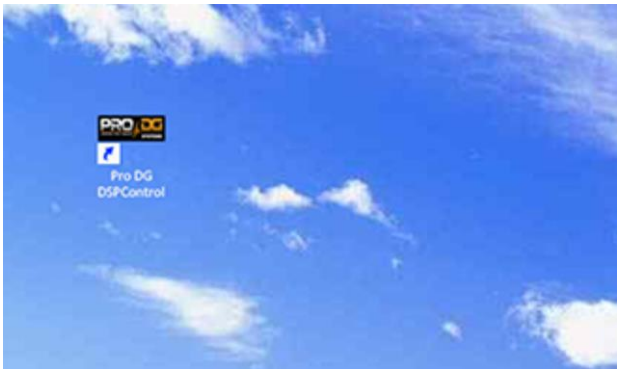
ProDGnet software allows an instantaneous and intuitive view of the status of all systems, as well as absolute control of the different parameters individually (unit by unit).

To operate the Control Software on your PC, the first step before starting the installation process is to choose the version appropriate for your PC's operating system. For more information, please contact our technical support department at: sat@prodgsystems.com

Once the appropriate version has been obtained and the installation process for it is initiated, the following menu will appear:



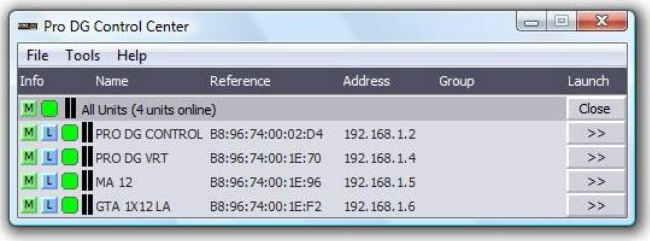
Once the installation process is complete, a shortcut to the Control Software will be created on your desktop:



Before launching the Control Software, do not forget to connect the sound system via Ethernet.

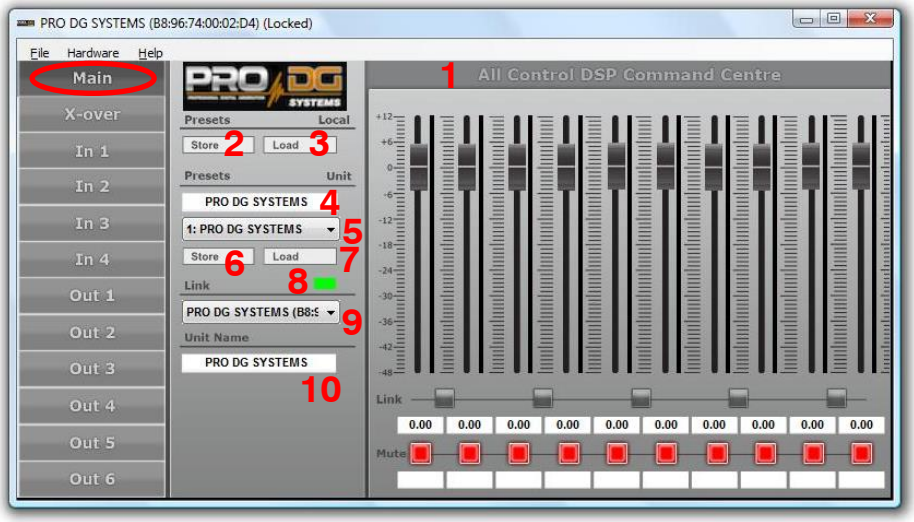


Upon starting the program, the following menu will be displayed:



Click the button >> for the unit you wish to work with.

After selecting the unit you wish to work with, the following main menu will appear:



In this menu, you can adjust the Input and Output Gain (1). The "Store" section (2) is used to save presets to your PC, while "Load" (3) allows you to load presets from your PC to the unit. "Preset Name" (4) is used to assign a name to a preset. The pop-up window (5) displays all the presets stored on the unit.

Further down, you will find a second "Store" option (6), which is used to save (overwrite) any changes made to the selected preset, as well as a "Load" option (7) for loading presets that have been saved to the unit.

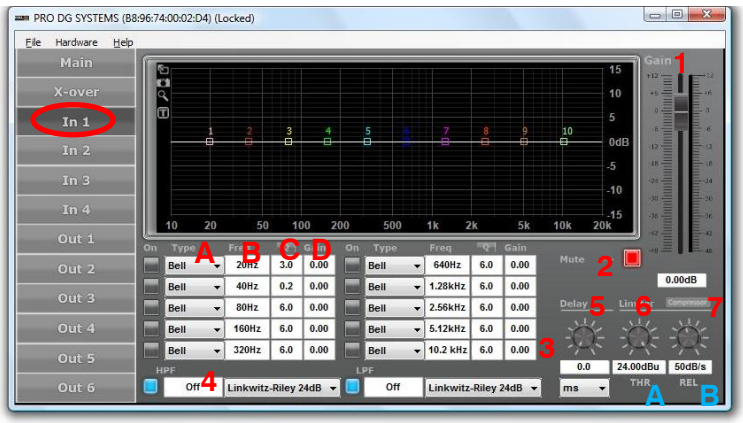
The rectangle (8) will appear red if the unit is not connected to the PC, or green when it is connected.

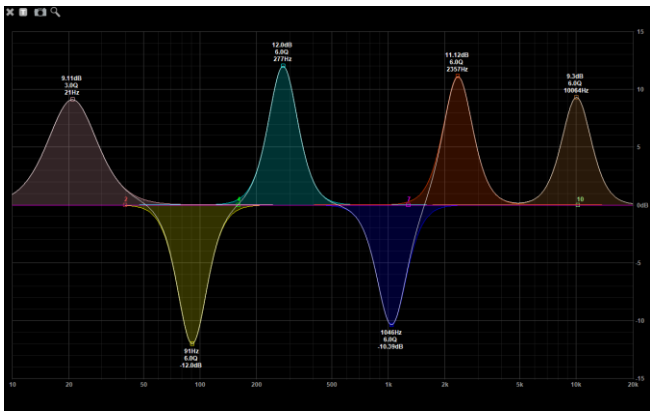
"Link" (9) indicates the version you are currently using. "Unit Name" (10) displays the name of the unit.



In the X-over submenu, you will find: “Output Level” (1) for monitoring the output level. “Link” (2) for linking outputs 1 and 2, 3 and 4, or 5 and 6; the light blue color indicates that the function is active. “Mute” (3) for muting the output; it is active when displayed in red. “Phase Invert” (4) for inverting the phase; it is active when displayed in light blue.

“Cross-Over” (5) is divided into six sections: (A) For setting the frequency. (B) For assigning the filter type and slope (dB/oct). (C) For assigning the high-frequency cutoff. (D) For selecting the filter type (Butterworth, Bessel, or Linkwitz-Riley). (E) Gain (from 0 dB to +12 dB). (F) Delay.

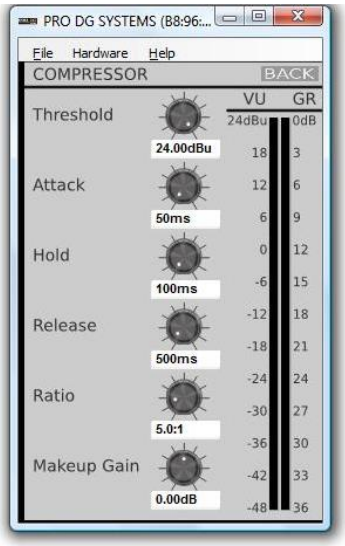




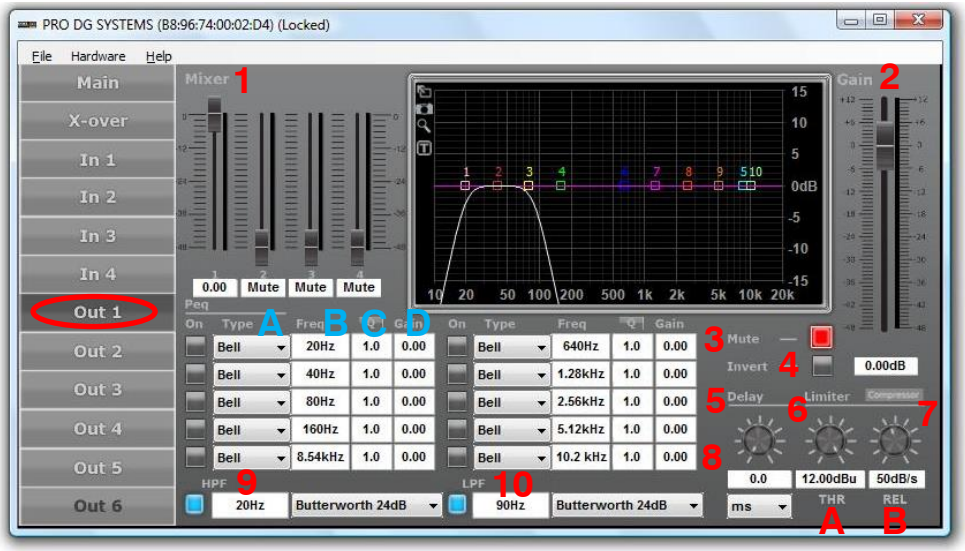
In the "In 1" (Input 1) submenu, you can manage the following: “Input Gain” (1).”Mute” (2) actived when displayed in red. “Parametric Values” (3) ten parameters categorized as follows: Filter Type (A) (Bell, Notch, All-Pass, Low-Shelf, High-Shelf, Band-Pass, High-Pass, and Low-Pass); Frequency (B); Bandwidth (C); and Gain (D).

“HPF” (4) for applying a filter to the input. “Delay” (5) configurable in meters, seconds, milliseconds, feet, inches, millimeters, or thousandths of an inch. “Limiter” (6) consisting of: “THR” (Threshold) (A), ranging from -48 dBu to 24 dBu; and “REL” (Release) (B), ranging from 10 dB/s to 100 dB/s.

Clicking on “Compressor” (7) will bring up this window:
Allows for the adjustment of various compressor settings.



The various subsections described in In 1 (Entry 1) are the same across the different entries.

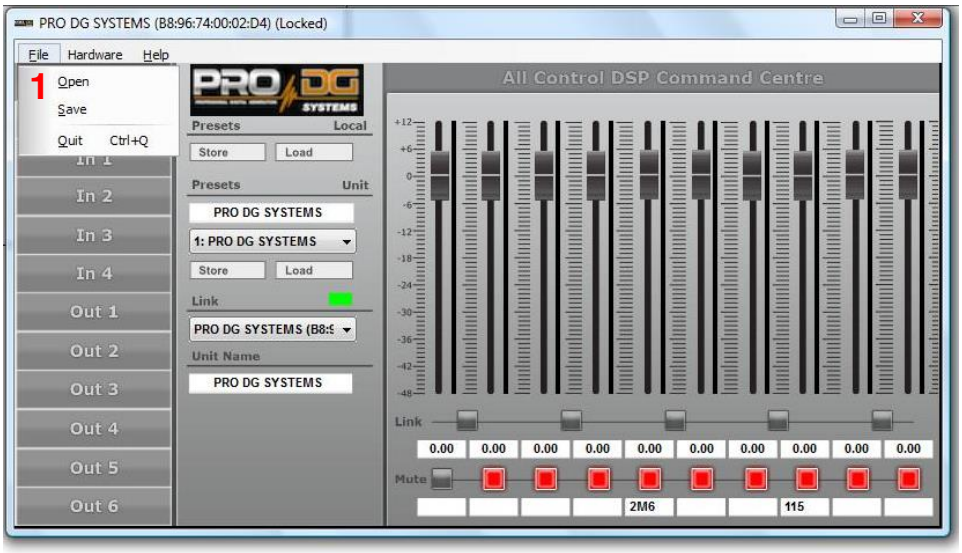


In the “Out 1” (Output 1) submenu, you can manage the following: “Mixer” (1) for input assignment; “Gain” (2); “Mute” (3), which is active when displayed in red; “Invert” (4) for phase inversion; and “Delay” (5), which can be set in meters, seconds, milliseconds, feet, inches, millimeters, or thousandths of an inch. The “Limiter” (6) consists of: THR (Threshold) (A), ranging from -48 dBu to 24 dBu; and REL (Release) (B), ranging from 10 dB/s to 100 dB/s. There is also a “Compressor” (7). “Parametric Values” (8) include ten parameters, categorized as follows: Filter Type (A) (Bell, Notch, AllPass, LowShelf, HighShelf, BandPass, HighPass, and LowPass), Frequency (B), Bandwidth (C), and Gain (D).

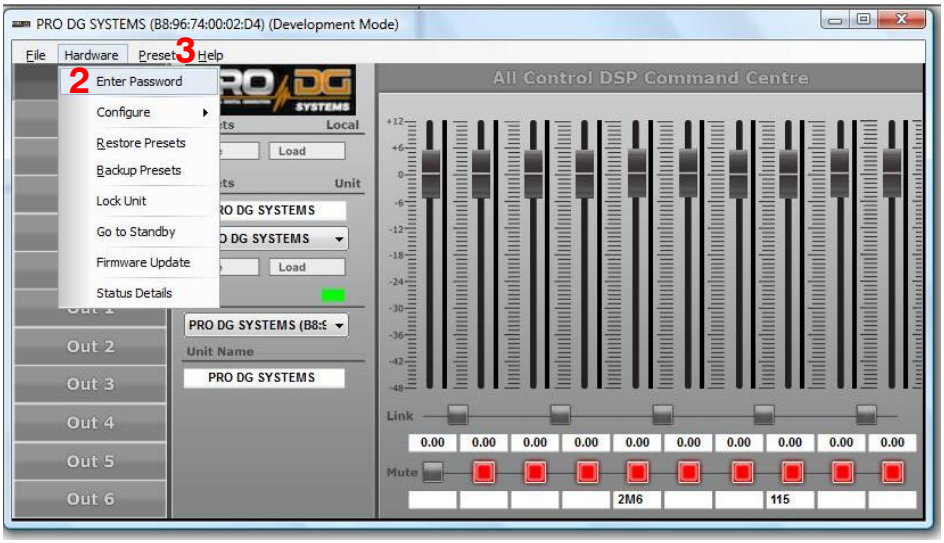
“HPF” (9) and “LPF” (10) represent the frequency cutoffs within the Crossover section.

The various sub-sections described for Out 1 (Output 1) are identical across all other outputs.

Below are the details of the various tabs that can be found on the top bar of the main menu:



“File” (1), where we find: Open (to open various files), Save (to save a file), and Quit (to exit).



“Hardware” (2) where we will find: Enter Password (to enter the access password that allows us to manage the software; for more information contact the technical support department at: sat@prodgsystems.com).

Configure, which contains the following subsections: Change Password (to change the access password). Network Settings (to assign an IP address either automatically or manually). Adm. Rights (available only if you have the password provided by the Pro DG Systems technical support department). User Rights. Locked Rights (manufacturer-defined rights assigned to the user). Power On Preset (to select the state in which the unit starts up). Preset Range (to set the preset with which the unit starts up). Output Mode (to select mono or stereo output). Routing.

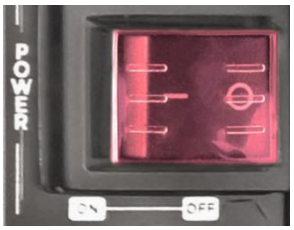
Restore Preset (to restore presets saved in a file). Backup Presets (to create a backup). Lock Unit (to lock the device). Go to Standby (to set the display to standby mode). Firmware Update (to update the firmware version; UNDER NO CIRCUMSTANCES should you update the firmware without prior authorization from Pro DG Systems and without having first backed up all your presets). Status Details (to view the real-time status of the unit).

“Preset” (3), which includes: Password and Access Rights.

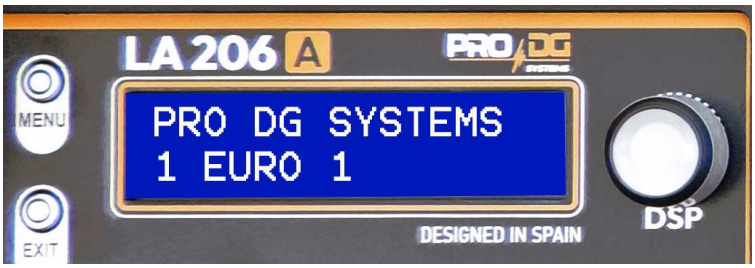
DSP. Selecting presets in the unit itself

It is possible to select stored presets in the DSP unit, directly from the AVIATOR LA 206 A amplifier. To do this, follow the following steps:

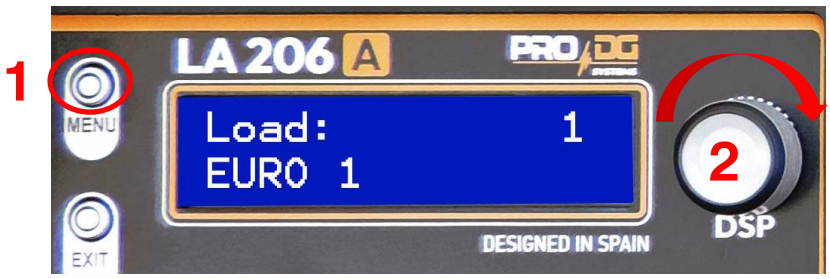
1. Connect the system to the mains and put the switch button in ON position.



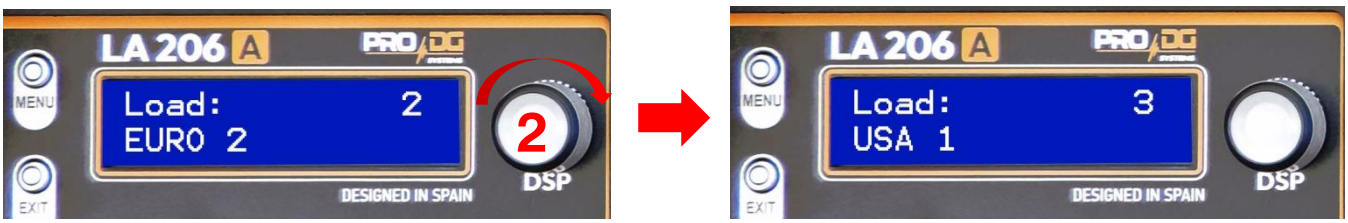
2. The preset selected on the unit will appear on the screen;



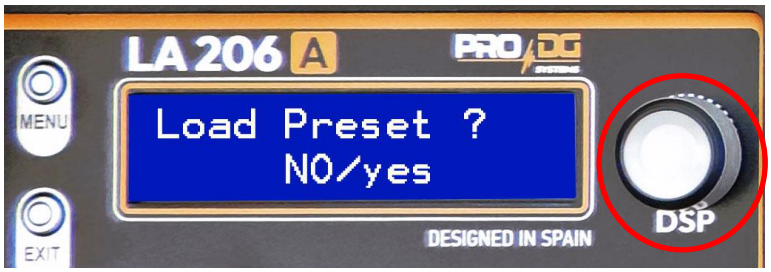
3. To change the preset: first, press the Menu button (1); this will cause the screen to appear as shown in the following image;



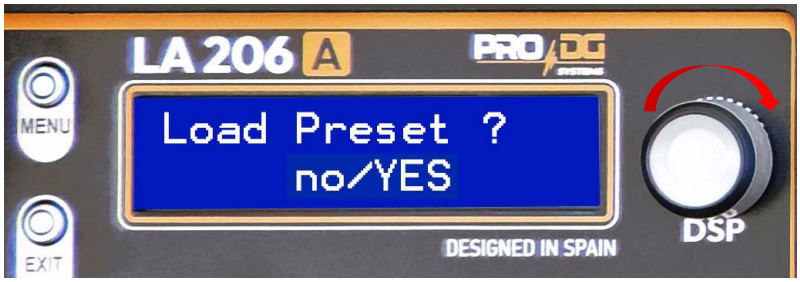
Turn the DSP knob (2) to the right to navigate through the various presets stored on the unit:



4. To select the desired preset, press the DSP button once; this will cause the display to appear as shown in the following image:

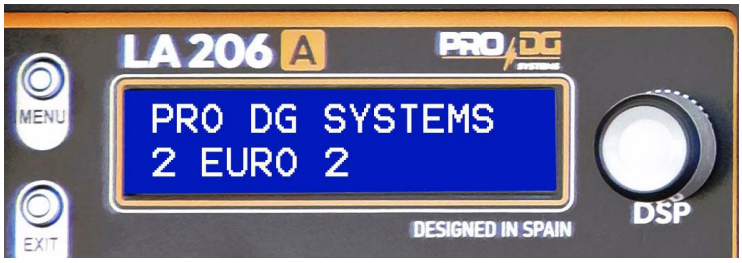


Turn the DSP knob to the right so that the word “YES” appears in capital letters:



And finally, press the DSP button once. This will cause the selected preset to appear on the screen.

* Example of how Preset No. 2 (EUR2) appears on the screen when selected



The factory presets have been developed based on the feedback received from professionals working with our systems around the world, taking into account the acoustic preferences on each continent and, as a summary, the factory presets included for AVIATOR LA 206 A are the following:

- Preset nº1: **EUR1**; preset based on the acoustic preferences of the European continent. It is characterized by offering the maximum possible balance between the different ways, with a slight boost in MF and HF, ideal for playing live music.

- Preset nº2: **EUR2**; same concept as EUR1 but with greater attenuation in HF. Ideal for playing live music where a less energetic preset is required.

- Preset nº3: **USA1**; preset based on the acoustic preferences of the American continent. It is characterized by being the most energetic preset among all those included in the unit, with greater boost in MF and HF.

- Preset nº4: **USA2**; same concept as USA1 but with greater attenuation in MF and HF.

- Preset nº5: **CHN1**; preset based on the acoustic preferences of the Asian continent, with greater attenuation in MF and HF compared to the previous presets. This preset is intended to prevent acoustic fatigue when the audience listens to the system at high volume for a long time.

- Preset nº6: **CHN2**; same concept as CHN1 but with greater attenuation in MF and HF. This is the preset with the greatest attenuation in MF and HF of all those included in the unit.

* The order of the presets that appears by default in the unit may vary depending on the region where the system is supplied, maintaining the characteristics mentioned for each preset.

The user of the system is free to choose the preset that best suits the acoustic needs of the event.



If you have any technical problem or questions about Pro DG Systems products; contact our technical support department at: sat@prodgsystems.com

Flight hardware. Safety instructions



Before flying the system, it is mandatory to take into account the following safety instructions:

- Always carry out a visual and functional inspection of the various components before use. In case of doubt about the correct functioning and safety of the components, they must be removed from use immediately.

- The fly bar for AVIATOR LA 206 A (reference: FB LA 206) is designed to support up to a maximum of sixteen units AVIATOR LA 206 A. In no case should the aforementioned number of units be exceeded.

- In case of using the system in stacked format on a subwoofer; the maximum number of stackable units allowed will be 6 units. Always secure the array to the subwoofer by using slings.

- The hanging of the units must be carried out by professionals with adequate knowledge of the components and hardware to be used. This process must be carried out by at least two people.

- It is the responsibility of the person or team installing the system to ensure that the suspension / fixing points are suitable for the intended use.

- The application of safety factors of 5:1 for enclosures and static parts is accepted in a standardized manner. For those elements subjected to fatigue due to friction and variations in the stresses to which they are subjected, the following safety factors must be met: 5:1 for steel cable slings, 4:1 for steel chain slings and 7:1 for polyester slings. This means that an element with a breaking stress of 1000 Kg can be subjected to a static working load of 200 Kg (safety factor 5:1) and a dynamic load of only 142 Kg (safety factor 7:1).

- When hanging a system, the working load must be less than the strength of each individual anchor point as well as each enclosure.

- When suspending elements from the ceiling or other structures, extreme caution must be taken by previously calculating their resistance. Sound systems should never be hung on structures that do not guarantee full safety guarantees.

- When hoists are in operation (when lifting the system), ensure that no one is directly under or near the load.

- Under no circumstances scale or hang to the array.



- It will be necessary to fix at different points those systems that are subject to gusts of wind, to avoid their swaying. In no case is it recommended to fly systems that are subject to strong gusts of wind.

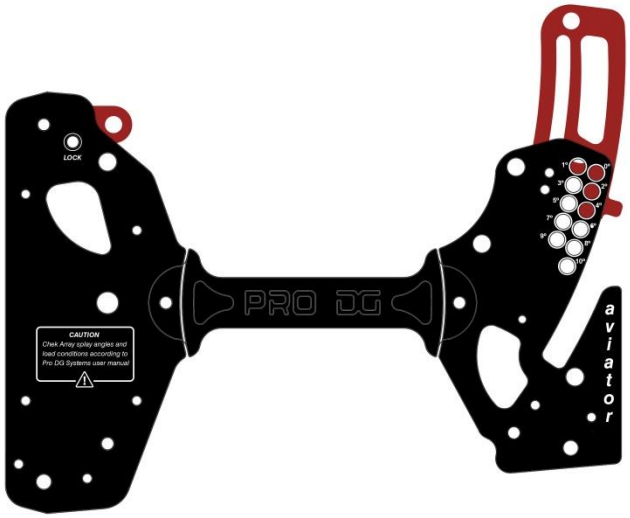
- No risk should be accepted in terms of public safety. It is the responsibility of the person or team of people carrying out the assembly to provide themselves with personal safety elements, such as helmet, gloves, safety footwear, etc., to carry out this work. As well as the correct signage of the space in which work is being done.

- All accessories used to fly a Pro DG Systems sound system not provided by Pro DG Systems are the responsibility of the user(s).

In no case will Pro DG Systems be responsible for damages caused by incorrect use of the flying system by the user or users, whether physical damage to people or damage to the product or the attached facilities. As well as for failure to comply with the previously indicated safety instructions.

Flight hardware. Components

At Pro DG Systems we know the importance for the professional of installing the different systems in a simple, fast and safe way. AVIATOR LA 206 A flight system has been designed to guarantee these purposes. The different components are detailed below:



Hardware

Integrated into the box chassis itself.

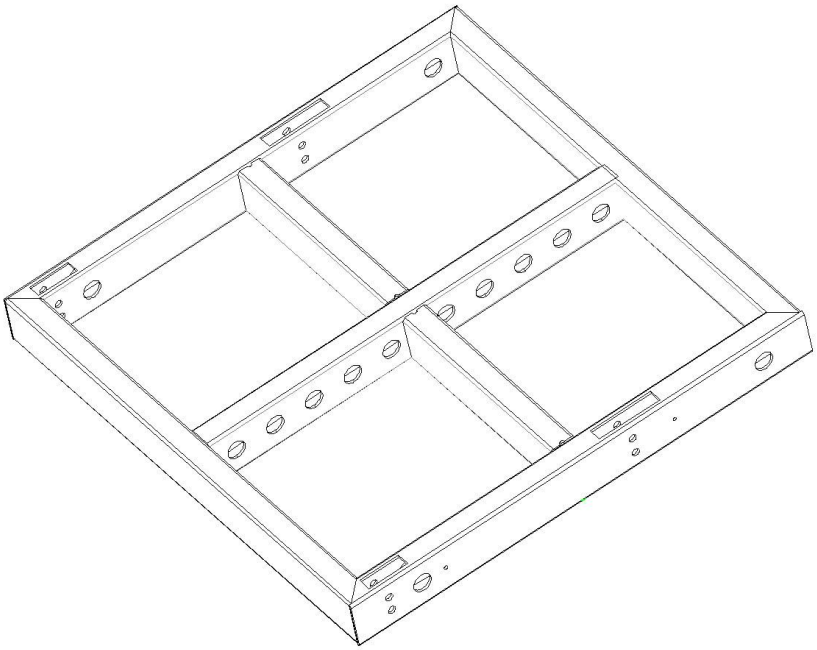
Include retractable cams, their release and fixation are carried out by extracting / inserting the pins in the different points housed for this purpose.

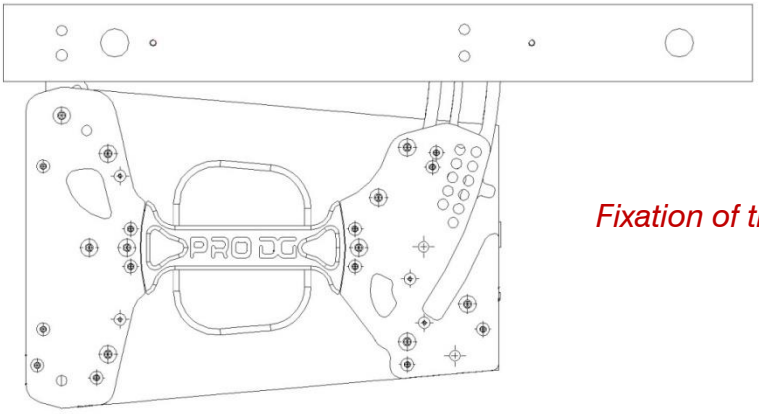
The rear hardware has different points that allow individual angulation of each box. By default, each box is served placed at the “0” point (zero angle degree).

FB LA 206

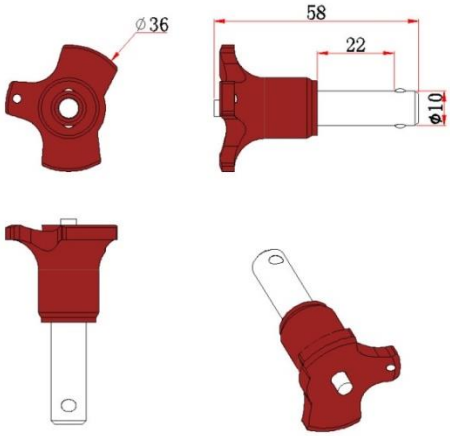
Made of high-strength steel with oven-dried black electrostatic powder paint finish.

It allows the raise up of a maximum of sixteen units AVIATOR LA 206 A. It also serves as a fixing base to use the system in stacked format on subwoofers.





Fixation of the fly bar to the box.



Pin locks

They allow the attachment of the box to the different components, as well as the combination between several boxes to form the array.

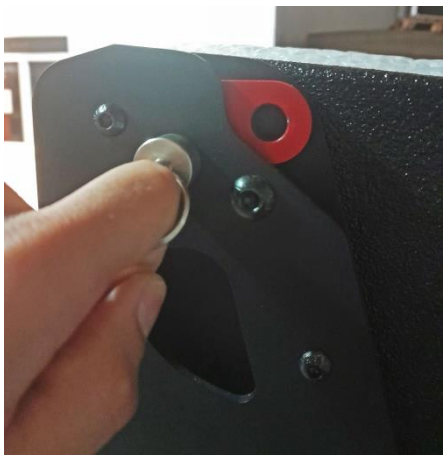
They have a safety extraction/insertion system through the use of a locking button.

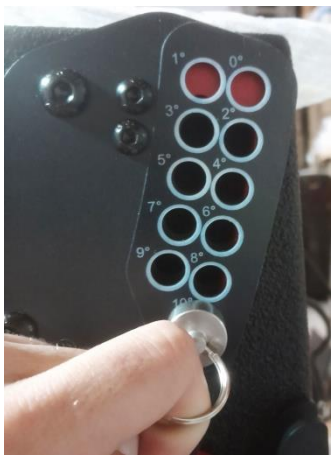
Note: the specifications of these components may be changed without prior notice. To be aware of the latest modifications, please consult Pro DG Systems website periodically.

How to fly the system up

Important: before flying the system, carefully read the subsection “Safety instructions”, located in the “Flight hardware” section (pages 27 - 28).

1 Remove the locking pins located on the front and rear hardware to release the cams.



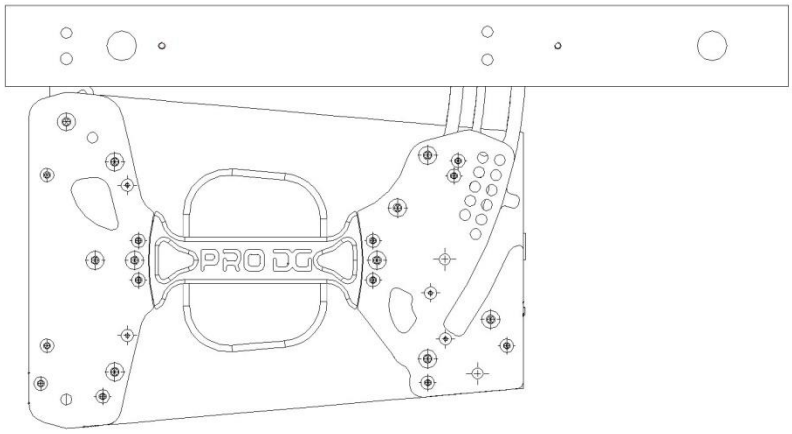


2 Pull the cams up and secure them again using the pins. On the rear hardware; set the cam at the desired graduation, the point “0” represents a zero degree of angulation.





3 Install the flight bar to the box using the fixation pin locks.

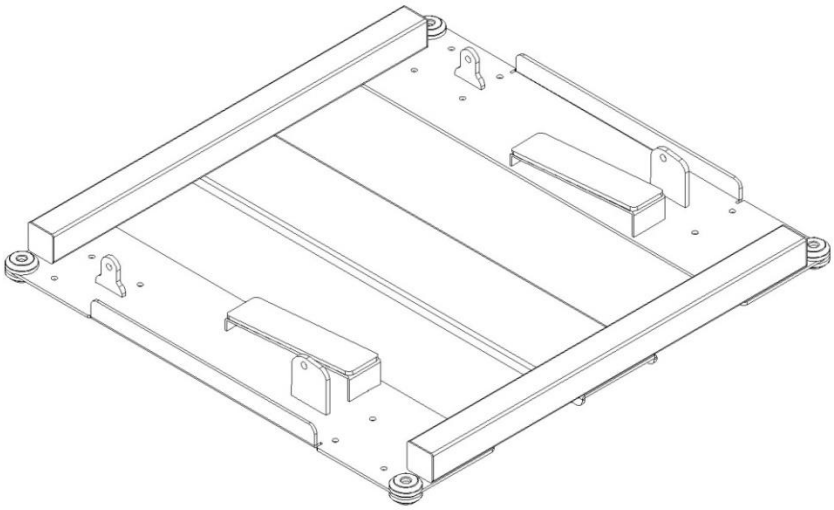


4 Then repeat step 2 for the following boxes fixation.

The design of the cams included in the rear hardware prevents uncontrolled swinging when disassembling the last box of the array assembly.

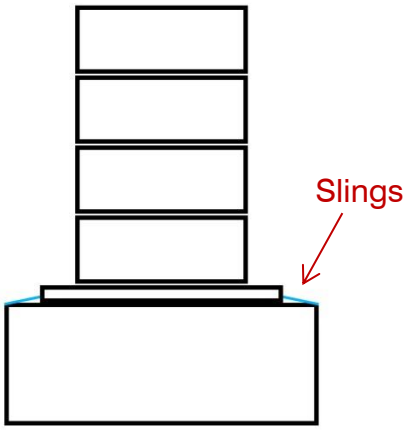


Note: use TR LA 206 transport trolley to facilitate lifting the system from the ground; stacking the boxes on the trolley first and installing the fly bar last.



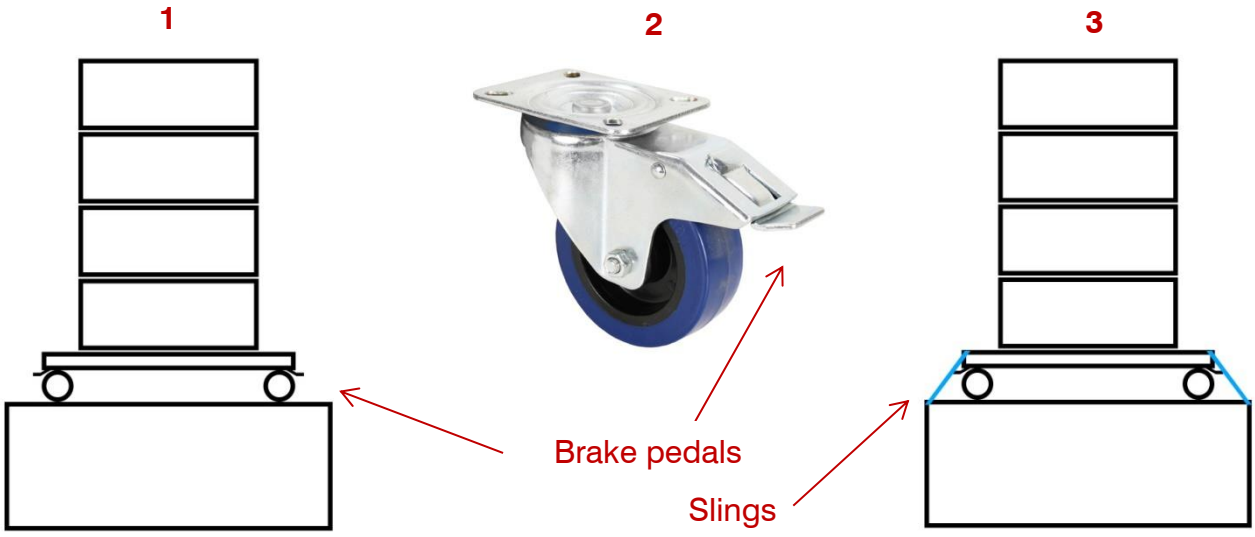
Stack mode usage

If the array is stacked on a subwoofer, it will be necessary to secure it by using slings. In any case, it is not recommended to stack more than 6 AVIATOR LA 206 A units.



By using TR LA 206 transport trolley. Simply placing the stacked box assembly on the skid above the subwoofer **(1)**. Once located; it will be necessary to press the brake pedals of the trolley **(2)**, as well as securing the array to the subwoofer by using slings **(3)**

In any case, it is not recommended to stack more than 6 AVIATOR LA 206 A units.

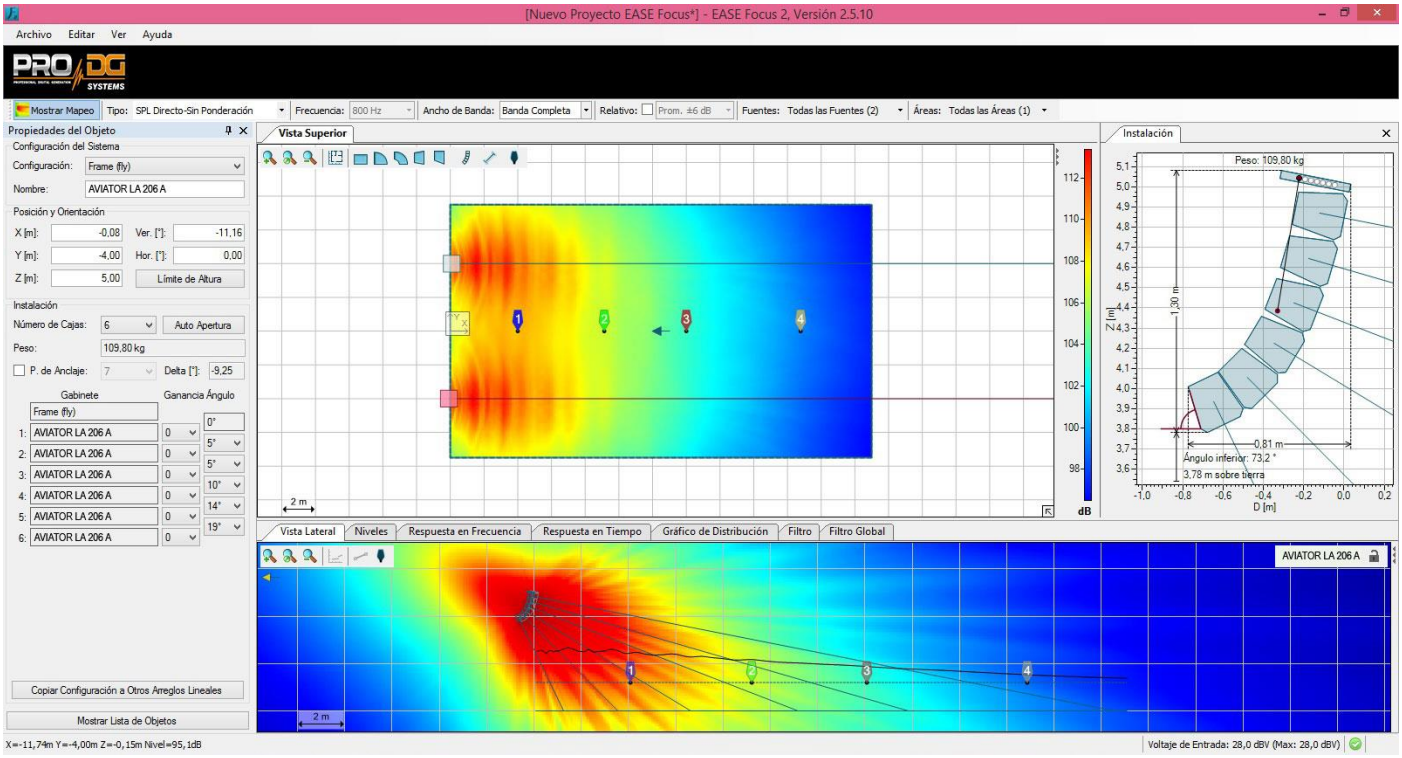


By using the specific support tray: allows for the stacking of up to 2 AVIATOR LA 206 A units using an extendable pole, a subwoofer, or a tripod.



Ease Focus prediction software

At Pro DG Systems we know that manufacturing high-quality speakers is an important part of the job. The guarantee of being able to use the systems properly is the other fundamental part of our work. Good tools make the difference to achieve optimal use of systems.



AVIATOR LA 206 A has Ease Focus V3 prediction software with which we can simulate the behavior of different systems in different places and circumstances, as well as obtain information on coverage, frequency, SPL and general behavior of the system, in a simple and comfortable way for the user. It is very easy to use and we have training courses for users of Pro DG Systems products. For more information, consult our technical service at: sat@prodgsystems.com

Ease Focus prediction software can be downloaded directly at Pro DG Systems website: https://prodgsystems.com/19-scrpt-software.html

You can download the user guide of Ease Focus 3 software here

You will find GLL files to simulate the behavior of AVIATOR LA 206 A at: www.prodgsystems.com

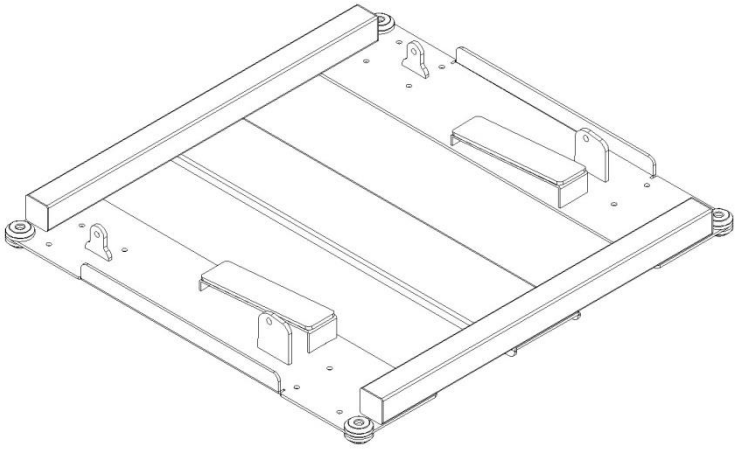
Accessories

TR LA 206

Transport trolley for four units AVIATOR LA 206 A.

It has a special polyurea finish resistant to impacts and inclement weather.

It has a brake system and slots for fixing it using slings, etc.



CV LA 206

Protection cover for four units AVIATOR LA 206 A.

Made of waterproof material. Features a rear pocket for wiring storing.





Complete system wiring ready to go.



AVIATOR LA 206 A

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