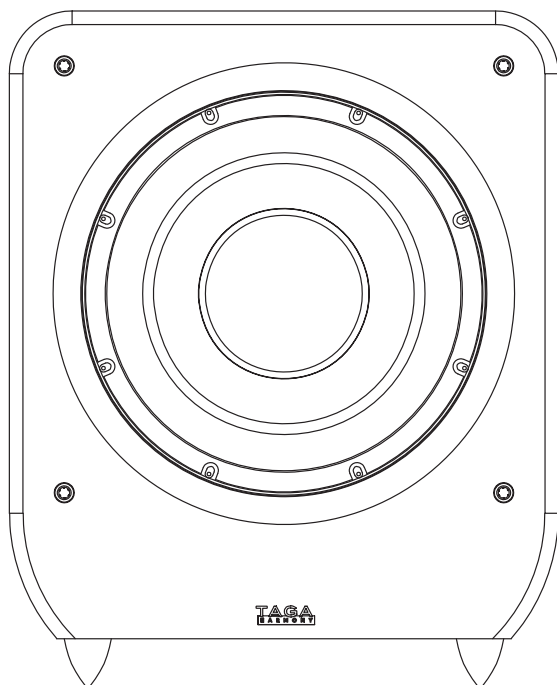




TAGA
HARMONY

Active Subwoofers

Platinum v.3 / TSW SE Series



Instruction Manual

Introduction

Thank you for purchasing this TAGA Harmony subwoofer.

This subwoofer is a single-driver and rear bass port construction with a built-in high-current amplifier.

The built-in amplifier delivers big power output and is characterized by high efficiency and current drive which results in low distortions, smooth and flat response and fast amp operation with significantly reduced operation noises.

The bass driver may operate in high amplitude ranges and quickly reacts on any changes in the audio signal structure.

The removable IEC power cable gives an option to upgrade your subwoofer with a premium audiophile power cable in any time.

The Platinum v.3 and TSW SE subwoofers deliver the most powerful, deep bass with staggering definition, location and dynamics never met at this price level before.

This subwoofer is an ideal partner for your sound system.

Cleaning

Do not use strong or abrasive cleaners. Use a damp, soft cloth for cleaning.

Specifications and the latest instruction manual edition

Full technical specifications and the latest edition of the instruction manual are available on **www.TagHarmony.com**.

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Safety Instructions

IMPORTANT
READ THIS SECTION CAREFULLY BEFORE PROCEEDING!



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE. DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The triangle containing a lightning symbol is intended to alert the user to the presence of uninsulated dangerous voltages within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



An exclamation mark in a triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE, AND OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD NOT BE PLACED ON THIS APPARATUS.

CAUTION: TO PREVENT ELECTRIC SHOCK, FULLY AND SECURELY INSERT THE POWER CABLE PLUG INTO THE POWER OUTLET, AND POWER CABLE CONNECTOR INTO THE UNIT SOCKET (IF THIS UNIT IS NOT EQUIPPED WITH AN INTEGRATED [ATTACHED] POWER CORD).

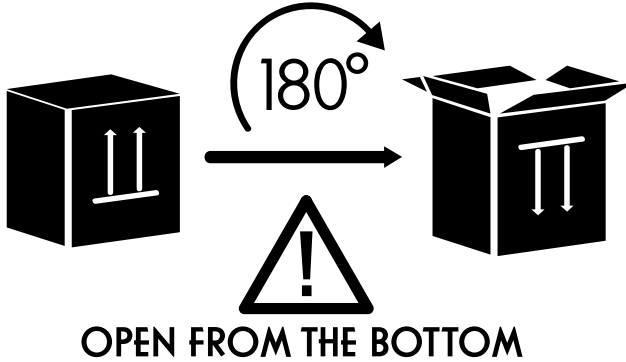
CAUTION: FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE THE FUSE (IF THE UNIT IS EQUIPPED WITH A USER REPLACEABLE FUSE) ONLY WITH THE SAME AMPERAGE AND VOLTAGE TYPE. IN CASE WHEN THE UNIT IS NOT EQUIPPED WITH A USER REPLACEABLE FUSE - REFER REPLACEMENT TO QUALIFIED SERVICE PERSONNEL.

WARNING: THE UNIT MAY BECOME HOT. ALWAYS PROVIDE ADEQUATE VENTILATION TO ALLOW FOR COOLING. DO NOT PLACE THE UNIT NEAR A HEAT SOURCE, OR IN SPACES THAT CAN RESTRICT VENTILATION.

Safety Instructions

1. Read Instructions - All the safety and operating instructions should be read before the product is operated.
2. Retain Instructions - The safety and operating instructions should be retained for future reference.
3. Heed Warnings - All warnings on the product and in the operating instructions should be adhered to.
4. Follow Instructions - All operating and use instructions should be followed.
5. Cleaning - Unplug this product from the power outlet before cleaning. Do not use liquid cleaners or aerosol cleaners.
6. Water and Moisture - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink or laundry tub; in a wet basement; or near a swimming pool; and the like. These precautions also apply to the power cord.
7. Accessories - Do not place this product on an unstable cart, stand, tripod, bracket or table. The product may fall, causing serious injury to a child or adult and serious damage to the product. Use only with a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. Any mounting of the product should follow manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.
8. Ventilation - This unit may be equipped with slots and openings in the cabinet (housing) which are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should be not placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to. For products equipped with a separate power supply unit, leave at least 5cm (2in.) of free space on all sides and the top of the power supply.
9. Power Sources - This product should be operated only from the type of power source indicated on the marking label (placed on the product and/or, if applicable, on a separate power supply unit). If you are not sure of the type of power supply in your home, consult your product dealer or local power company. For products intended to operate from battery power or other sources, refer to the operating instructions.
10. Grounding and Polarity - some units for proper operation or to take full advantage of their capabilities may require to be connected to a grounded power outlet - refer to the user manual for more information.
Some units may have markings for the live (L) and neutral (N) conductors for power - in order to take full advantage of capabilities of such products, it is recommended to properly connect the polarity according to the markings on the unit - refer to the user manual for more information. Connecting the polarity not in accordance with the markings will not affect the durability and reliability of the device.
11. Power-cord Protection - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles and the point where they exit from the product.
12. Lighting - For added protection for this product during a lighting storm or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or system cables. This will prevent damage to the product due to lighting and power-line surges.
13. Overloading - Do not overload wall outlets, extension cords or integral convenience receptacles as this can result in a risk of fire or electric shock.
14. Object and Liquid Entry - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Do not expose this apparatus to dripping or splashing and ensure that no objects filled with water, such as vases are placed on the apparatus.
15. Servicing - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
16. Damage Requiring Service - Unplug this product from wall outlet and refer servicing to qualified personnel under the following conditions:
 - when power supply cord or plug is damaged;
 - if liquid has been spilled or objects have fallen into the product;
 - if the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will require extensive work by a qualified technician to restore the product to its normal operation;
 - if the product has been dropped or damaged in any way;
 - if the product exhibits a distinct change in performance - this indicates a need for a service.
17. Replacement Parts - when replacement parts are required, be sure the technician has used replacement parts specified by the manufacturer or with the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
18. Safety Check - Upon completion of any service or repairs to this product, ask the service technician to perform safety check to determine that the products is in proper operating condition.
19. Wall of ceiling mounting - The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
20. Heat - The product should be situated away from heat sources such as radiators, heat registers, stoves or other products (including amplifiers) that produce heat.
21. [Refer to products equipped with vacuum tubes] Tube Cage or cover - For your safety and to protect the vacuum tubes this product may be equipped with the factory installed vacuum tube cage or cover.
It is not recommended to remove the cage or cover unless it is required to change the vacuum tubes.
When the cage or cover is removed - do not touch the vacuum tubes - they may be hot and burn the skin!
22. Operating Environment - Operating environment temperature and humidity of the unit: +5°C to +35°C (+41°F to +95°F); less than 85% RH (cooling slots not blocked).

Unpacking the subwoofer



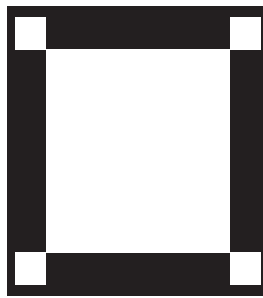
Place the carton with the subwoofer on the floor in the upside down position and open it from the bottom, remove the internal packaging which protects the subwoofer on the bottom. Carefully turn the carton with the subwoofer upside down. When the subwoofer is securely placed on the floor remove the carton and internal packaging - your subwoofer is ready for placement in your room.

Placement

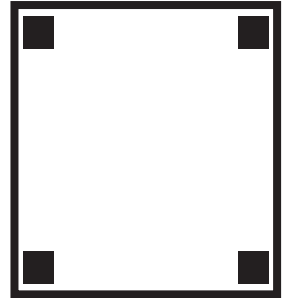
The placement of the subwoofer in the room is not so critical as for speakers but there are general guidelines as shown below:



Placing the subwoofer in the center of the room usually gives less bass but with better precision and definition.



Placing the subwoofer near the walls usually gives more bass with quite good precision and definition.

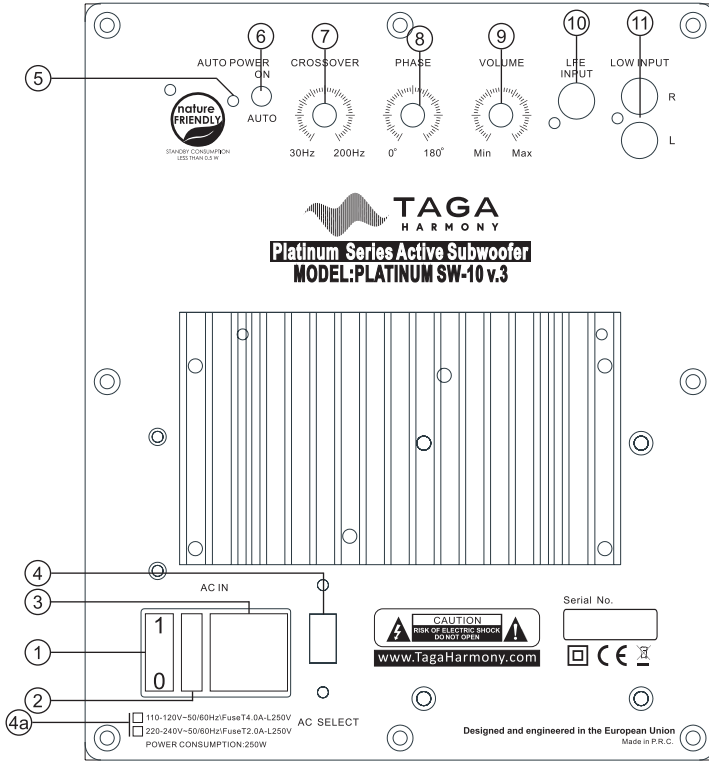


Placing the subwoofer in the corners usually gives much amount of bass but with less precision and definition.

Note! If it is possible we recommend to place the subwoofer between the front speakers close to the wall for better integration with your sound system.

Note! Final placement depends on your sound system, room acoustics and space, and your listening preferences.

Controls and Connections - Rear Panel



Available controls and inputs as well as their placement on the rear panel vary depending on the model. The above figure shows the Platinum SW-10 v.3 subwoofer rear panel.

Rear Panel:

1. Power Switch [ON (1) and OFF (0)]
2. Fuse



A blown fuse should be only exchanged for exactly the same type as indicated on the rear subwoofer panel. 4A - the fuse rated voltage and value differ depending on the electrical voltage selected for your area (AC Select). The Power Cable should be disconnected!

3. Power Cable Input
4. AC Select Slide Switch



Check Operation to learn more.

5. Power Status LED Indicator
6. Auto Power Switch (ON and AUTO)
7. Crossover Regulator
8. Phase Regulator
9. Volume Regulator
10. LFE input (SUB Input)
11. Low Input: Left and Right

Hooking Up The Subwoofer

Check „Kit Content“ for a list of cables supplied with this product.



Before connecting make sure that your subwoofer and audio equipment are turned off - otherwise you may damage this subwoofer and / or audio equipment. This may void your warranty.

1. Make sure the subwoofer is turned off (the Power Switch is in the OFF position and the Power Cable is removed from the wall outlet).
2. Make sure that your audio equipment (amplifier/preamplifier/AV receiver) is turned off.
3. Turn the Volume Regulator to MIN (max counter clockwise).
4. Choose one of the following connection methods:

I. CONNECT USING LFE (SUB OUT) SUBWOOFER OUTPUT [PREFERRED]

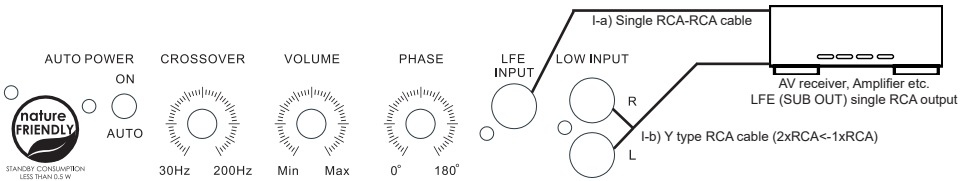
This connection is recommended if your audio equipment is equipped with a single filtered RCA subwoofer output (usually marked as LFE, SUB OUT, SUBWOOFER etc.).

There are 2 options of connection:

- a. Using a single RCA subwoofer cable - connect the LFE output with the LFE input on the rear panel.
- b. Using an Y-type subwoofer cable (1xRCA to 2xRCA) - connect the 1xRCA plug to the LFE output and the 2xRCA plugs to the Left and Right Low Input on the rear panel.



The Y type connection increases the bass output of the subwoofer by a few decibels.

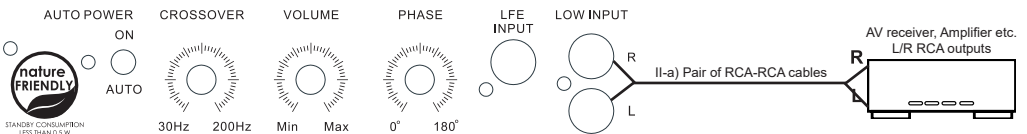


II. CONNECT USING STEREO RCA OUTPUT (L/R)

If your audio equipment is not equipped with a filtered LFE (SUB OUT) subwoofer output then you can use regular stereo RCA outputs (non-filtered).

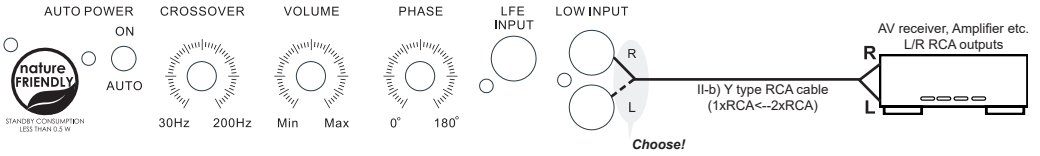
There are 2 options of connection:

- a. Using a pair of RCA subwoofer cable - connect the L/R RCA outputs of your audio equipment to the Left and Right Low Input on the rear panel.



Hooking Up The Subwoofer

b. Using an Y-type subwoofer cable (1xRCA to 2xRCA) - connect the 2xRCA plugs to the L/R RCA outputs of your audio equipment and the 1xRCA plug to the Left or Right Low Input on the rear panel.



Do not let bare wires touch each other or any metal part of this unit, it can damage this subwoofer and / or audio equipment. This may void your warranty.



The CROSSOVER adjustment is not active with the LFE input. All adjustments and filtering of the signal should be set in the audio equipment configuration. Check the audio equipment instruction manual for more information.

5. Your subwoofer is ready for operation.

Operation

Before using the subwoofer for the first time!

Your subwoofer will typically be set at the factory to accommodate the electrical outlet voltage in your area.

However before using this subwoofer for the first time we recommend to verify that the AC Select Slide Switch (4A) is set in the position which is compatible with electric power voltage in your area.

The AC Select Slide Switch is placed behind a seal and indicates the factory setting for the voltage - there are 2 positions available 110V [used for 110-120V range voltage] and 230V [used for 220-240V range voltage].

If the voltage indicated is correct for your area, go ahead to point 1 of Operation.



In the case that you do need to change the voltage:

Make sure that the Power Cable is disconnected from the subwoofer.

Remove the factory applied seal which protects the AC Select Slide Switch (4A).

Set the voltage to the 110V or 230V setting as required for your area.

Change the fuse to accommodate the selected voltage setting - the fuse value for each voltage range is indicated below the Power Switch.

Only the fuse for the factory voltage setting is provided with this unit.



DO NOT UNDER ANY CIRCUMSTANCES OPERATE THE UNIT WITH THE WRONG VOLTAGE SELECTED. DOING SO MAY RESULT IN SERIOUS DAMAGE TO YOUR SUBWOOFER WHICH WILL NOT BE COVERED BY THE WARRANTY.

1. Plug the Power Cable to the subwoofer and into the electrical outlet.
2. Turn on the subwoofer – press the Power Switch to the ON position. The Power Status LED Indicator will be flashing for a few seconds and then it should be illuminated continuously. If it does not, it means that the subwoofer is working under in abnormal condition (a protection mode) – turn off the power, unplug the Power Cable and check whether some of the cables are not short circuited.

After fixing the cables turn the subwoofer on.

Note! Check “Additional Information” for other useful operating instructions.

Operation

AUTO Power Switch (selected models):

Certain models may be equipped with the auto audio signal detection feature.

When the subwoofer is turned on choose one of the two operating modes:

Auto Power (ON) – when the Power Switch is in the ON (1) position, the subwoofer will remain continuously turned on. The Power Status LED Indicator will remain turned on.

Auto Power (AUTO) – when the Power Switch is in the ON (1) position.

- If no input audio signal is detected for a certain period of time the subwoofer will go into the standby mode. The Power Status LED Indicator will remain turned off.
- If the subwoofer receives the input audio signal it will automatically go out of the standby mode and will start working. The Power Status LED Indicator will remain turned on.



If the input audio signal is too weak, the Auto Power (AUTO) mode may not operate properly - try to increase the subwoofer output level in your audio equipment settings or use the Auto Power (ON) mode.

The time necessary to turn on and off the Auto Power (AUTO) mode may vary on the input audio signal strength and the time of the subwoofer's activity.

CROSSOVER Regulator:

This control is active only for: Low Input L and R.

The regulator allows the adjustment of the low-pass filter and affects the upper frequency limit of the subwoofer. The adjustment can be smoothly made between the frequency ranges which are provided on this regulator description on the rear panel. After it is set it will determine the highest frequency that the subwoofer will reproduce.

The best results are achieved when adjustments are done by ear - adjust the Crossover Regulator until the frequency range of the subwoofer blends well with that of the front speakers and the rest of the system.

Setting the crossover at the too low level will create a gap between the frequency of the front speakers and the subwoofer. Setting the crossover frequency too high will cause that certain frequencies will be duplicated or offset.



Using the CROSSOVER regulator at high volume levels may damage this subwoofer. This may void your warranty.

PHASE Regulator:

The Phase Regulator helps to fully and coherently integrate the subwoofer with the rest of your sound system. When you hear that the subwoofer bass is weak or offset, it may mean that the subwoofer works out-of-phase – adjust the phase using this regulator.



High volume levels may damage this subwoofer. This may void your warranty.

VOLUME regulator:

Using the Volume Regulator you can adjust the sound volume from minimum (the knob – max counterclockwise) to maximum (the knob – max clockwise).



Distortion and sound quality worsening may occur when the knob is in the maximum position. It may damage the subwoofer. This may void your warranty.

Additional information

Break-In

Your TAGA Harmony subwoofer sounds great immediately after it is taken out of the carton, but the internal components of this subwoofer require a “break-in” period to reach its full sonic capabilities.

During the “break-in” period it is recommended to operate the subwoofer at moderate volume levels.

The first level of the “break-in” is reached after approximately 10 hours of play.

The optimal level of the “break-in” is reached after approximately 40 to 60 hours of play.

Turn off procedure

Make sure to turn off the subwoofer first when powering down your system.



If the subwoofer was turned off even for a short period of time, you should wait at least 2 minutes before turning it back on.
Do not turn it ON then OFF and then ON again in quick succession.

Follow this procedure each time you turn your subwoofer OFF / ON.

This precaution will minimize the stress (high voltages) on internal components.



It is recommended to turn off the subwoofer when you intend not to use it for a longer period of time.

Noise floor

It is a normal phenomenon that a built-in amplifier may produce some amount of noise (called noise floor or self-noise) which can be audible in the subwoofer driver.

Power transformer – Power filters and conditioners

It is a normal phenomenon that the device’s power transformer may generate a certain amount of audible noise when operating and in the standby mode.

Very loud operation of the power transformer may be caused by low quality of power supply (voltage surges etc.).

In such a case, we suggest using a power filter or conditioner - you can also try to power this product from a different power line than other devices (e.g. from a power outlet in another room).

We strongly advise to contact a professional installer or dealer in order to install TAGA Harmony products.

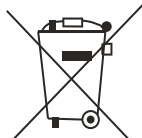
We recommend using high quality TAGA Harmony cables and other installation accessories.

Kit Content:

Subwoofer	1 EA
Y-type subwoofer cable (1xRCA to 2xRCA)	1 EA
Power Cable	1 EA
Instruction Manual	1 EA



Your product is marked with the symbol as showed on the left.
For EU (European Union) member users:
This product has been tested and found in compliance with requirements of the European Community 2014/30/EU and 2014/35/EU directives.



IMPORTANT!

Your product is marked with the symbol as showed on the left.
For EU (European Union) member users:

According to the WEEE (Waste electrical and electronic equipment) Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country.
For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.

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