

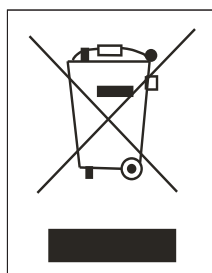
SPECIFICATIONS

MODEL:	PLATINUM SW-10	PLATINUM SW-12
Crossover:	30Hz-200Hz	30Hz-200Hz
Drivers:	255mm(10 inch)	305mm(12 inch)
Frequency Response:	20Hz-200Hz	18Hz-200Hz
Input Sensitivity:	200mV	200mV
Built- in Amplifier Power:	150W RMS/500W Dynamic peak	200W RMS/700W Dynamic peak
Signal Noise Ratio:	>80dB	>80dB
Dimensions(incl.feet):(H*W*D):	43 x 35 x 41cm	N/A
Net Weight:	24kg pc.(pvc) / 24.8kg pc.(hg)	N/A

MODEL:	CORAL SW-10	CORAL SW-12
Crossover:	30Hz-200Hz	30Hz-200Hz
Drivers:	255mm(10 inch)	305mm(12 inch)
Frequency Response:	20Hz-200Hz	18Hz-200Hz
Input Sensitivity:	200mV	200mV
Built- in Amplifier Power:	200W RMS/700W Dynamic peak	250W RMS/880W Dynamic peak
Signal Noise Ratio:	>80dB	>80dB
Dimensions(incl.feet):(H*W*D):	43 x 35 x 41cm	N/A
Net Weight:	23.6kg	N/A

AFTER-SALES SERVICE

Any doubts about the installation, the use or the technical specifications of your TAGA Harmony subwoofer, or any suggestions or trouble, please contact your local distributor. Thank you !



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 you local authorities, your household waste disposal service or the shop where you purchased the product .

EU DISTRIBUTOR / IMPORTER:

POLPAK POLAND Sp.z o.o.
AL.JEROZOLIMSKIE 333A
05-816 REGULY k/WARSZAWY,POLAND
Email:sales@taga-audio.com
Website:www.taga-audio.com

WORLDWIDE&CHINA DISTRIBUTOR:

TAGA Audio Technology Company LTD.
3F, Building D1, Shizhou Street Section, Baichen Road,
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Website:www.taga-audio.com.cn

TAGA®
HARMONY
To Achieve Glorious Acoustics

Series and model:
PLATINUM: SW-10, SW-12
CORAL: SW-10, SW-12




ACTIVE SUBWOOFER INSTRUCTION MANUAL


Note: Platinum SW-10 active subwoofer showed, other models may vary from model on the picture .

SAFETY PRECAUTIONS

READ THIS SECTION CAREFULLY BEFORE PROCEEDING!




WARNING




**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

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



The lightning flash with arrowpoint within an equilateral triangle warns of the presence of uninsulated “ dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons .



The exclamation point within an equilateral triangle warns users of 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, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

CAUTION: FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE THE FUSE ONLY WITH THE SAME AMPERAGE AND VOLTAGE TYPE. REFER REPLACEMENT TO QUALIFIED SERVICE PERSONNEL .

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

IMPORTANT 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 wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp, soft cloth for cleaning .
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 .
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 manufacture, or sold with the product. Any mounting of the product should follow manufacture’s instructions and should use a mounting accessory recommended by the manufacture.
8. **Ventilation** – Slots and openings in the cabinet 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 not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacture’s instructions have been adhered to.
9. **Power Sources** – This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to 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 Polarization** – This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other) . This plug will fit into the power outlet only one way. This is safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug .
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. **Lightning** – For added protection for this product during a lightning 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 cable systems. This will prevent damage to the product due to lightning 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 product;
 - If the product has been exposed to rain or water;
 - 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 service.
17. **Replacement Parts** – When replacement parts are required , be sure the technician has used replacement parts specified by the manufacturer or have 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 checks to determine that the product is in proper operating condition.
19. **Wall or 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.

INTRODUCTION

Congratulations on your purchase of TAGA HARMONY subwoofer ! Proprietary technology and high quality manufacturing will allow you to enjoy the most natural and powerful bass reproduction for many years . The advice offered in this manual is aimed at helping you maximize and maintain peak performance , and therefore , your listening satisfaction. Please take the time to read all of the instructions contained in this manual to make certain your system is properly installed and functioning correctly .

TAGA HARMONY subwoofers are the result of extensive research into, accurate dynamic and powerful bass, reproduction and represent the leading edge in active subwoofers' design and performance. The finest components and advanced construction of built-in amplifier, combined with sophisticated manufacturing and quality control procedures ensure many years of exceptional performance and listening pleasure .

CABINET CARE

Great care and craftsmanship has gone into the construction and finish of the cabinet. Periodically use a soft, dry cloth to remove dust or fingerprints. Do not use paper towels or other abrasive materials as it may damage the finish.

SUBWOOFER PLACEMENT

The placement of your new TAGA HARMONY subwoofer is critical to its performance. The three most common locations include: in the corner of the room (which can result in a boomy or exaggerated low frequency response), placement along one wall but out of the corner (moderate bass performance with increased fidelity over corner placement),or alongside a front speaker (creating a better blend with the front speaker, but sacrificing overall volume). Experimentation with subwoofer placement is highly encouraged, as slight adjustments can create large benefits in sound reproduction. To further test subwoofer placement, install the subwoofer temporarily in your main listening position and while playing a familiar piece of music , walk around the listening room until you find the best sounding position . This is a possible location for the subwoofer to be placed .

TERMINOLOGY AND CONTROLS

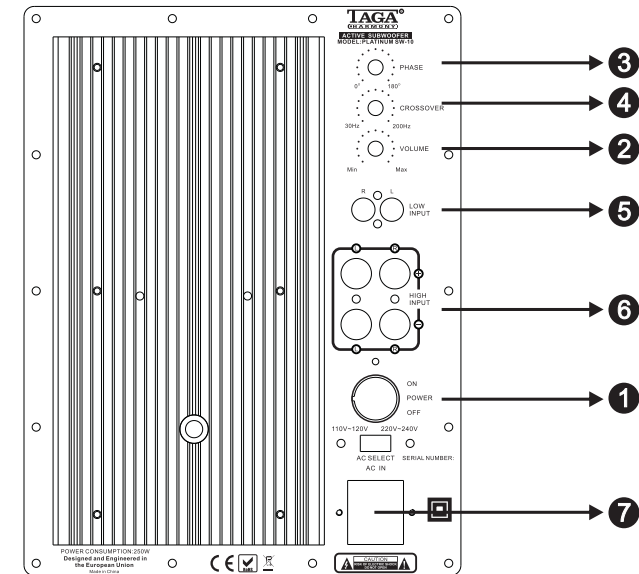


Figure shows Platinum SW-10 rear control panel
Controls may vary depending on the model.

- 1. POWER MODE (MAIN POWER)** – switch is in the ON position, subwoofer will turn on . After several minutes of no signal , the subwoofer will automatically turn off and will turn on when a signal is present again .
- 2. VOLUME LEVEL** – This knob can be adjusted to control the level of output from your subwoofer. The level chosen should allow the subwoofer to blend its output with that of the rest of your audio system.
- 3. PHASE** – This knob allows for the adjustment of the phase of the subwoofer , in relation to the speakers used in your system, from 0 to + 180 degrees
- 4. CROSSOVER** – This control allows for the adjustment of the low-pass filter. Adjustments can smoothly be made from 30HZ to 200HZ. This will determine the highest frequency that the subwoofer will reproduce
- 5. LOW INPUT** – These inputs are an RCA type LFE / STEREO / MONO input
- 6. HIGH INPUT** –Connection with speaker wire . All speaker cables have indication on the insulation, either by colour, writing or ribs, to determine positive or negative conductors. From your receiver or amplifier connect front left and front right speaker cables to the high level inputs on the subwoofer
- 7. POWER CORD CONNECTOR** –Connect the power cord from your AC outlet to this input . Connecting your subwoofer to a surge protector or line conditioner is always recommended. Do not connect the power cord to the switched or unswitched outlet of your receiver as this could damage your subwoofer and receiver .
- 8. STATUS INDICATOR** – The LED found on the back panel will illuminate in red when the subwoofer is functioning.If the unit is in Auto mode and is not receiving a signal, the light will remain off .

CONNECTING YOUR SUBWOOFER

CAUTION: All power should be turned off to your system before any connections are made . Careful attention should be taken to ensure that all electronic components are not connected to an AC source . Not doing so could result in potential damage to the system.

METHOD 1-RCA-LOW IN FOR HOME THEATER OR LFE APPLICATIONS

1. On the rear of the receiver /pre-amp there should be a signal RCA type jack marked “Subwoofer/Pre-Amp Out” . Connect a single RCA cable from that jack to the ⑤ low input (L-white)on the rear of the subwoofer . A standard male to male RCA cable is needed .
2. After connecting the single ⑤ low input connection , plug your subwoofer into an AC outlet . Do not use the AC outlet on the rear of your receiver . After plugging in the unit, switch the Main Power to On .

METHOD 2 – SPEAKER HIGH INPUT – FOR MUSIC APPLICATIONS

1. The other way to connect your subwoofer to your receiver is using a speaker wire connection, by simply connecting the speaker wires from the Front Left and Right Speaker Outputs on your receiver to the Left and Right (6) HIGH INPUT on rear of the subwoofer. It is imperative that speaker polarities be maintained, one must connect the positive and negative wires to the appropriate positive and negative terminals. Failure to do so will result in an out of phase connection, severely limiting the amount of bass in your system.
2. After connecting the speaker wire between your receiver and subwoofer, ensure no fray wires are touching, as this could cause -a short circuit and damage your electronics.Plug your TAGA HARMONY subwoofer into an AC outlet. Do not use the AC outlet on the rear of your receiver.

FINAL SYSTEM ADJUSTMENTS

1. After having turned on the POWER switch (1) the subwoofer will go into self-sensing mode. It will turn itself on after sensing an audio signal, and shut down after several minutes without signal. Should the system not be used for an extensive period of time, it is recommended that the subwoofer be unplugged from the AC.
2. Adjust the VOLUME level (2) of your subwoofer so that the volume matches the overall system volume. This ensures a smooth transition between the low and high frequencies of your system.
3. Adjust the CROSSOVER filter (4) on your subwoofer so that the frequency range of the subwoofer blends well with that of the front speakers. Setting the crossover too low will create a gap between the frequency response of the front speakers and that of the subwoofer, while setting the crossover frequency too high will create a doubling of certain frequencies,making the music sound boomy.
4. Adjust the PHASE control (3) so that the subwoofer integrates fully with the rest of your audio system. This control ensures that the subwoofer operates in phase with the rest of the system, as an out of phase subwoofer will either sound like it is lacking in bass performance or that its timing is off. This setting will be determined by your listening position, the characteristics of your listening room and its interaction with your TAGA HARMONY subwoofer. An out of phase speaker means that the speaker cone is moving inwards when it should be moving outwards, like the other speakers in your system, causing cancellations of certain frequencies. By adjusting the phase control, one can ensure that all speakers move in the proper direction, at the same time.
5. Steps 2,3 and 4 might require repeating in order to fine tune your system, ensuring the proper blending between the speakers and the subwoofer is critical to the performance of your system , as a whole.