

TAGA[®]

CHARMONY

To Achieve Glorious Acoustics

TA-25Mini

CUSTOM INSTALL
MINI STEREO AMPLIFIER



Instruction Manual

Introduction

Thank you for purchasing this TAGA Harmony amplifier.

TAGA Harmony amplifiers can boast the finest music performance and perfect matching with most speakers available on the market. They utilize advanced materials, state of the art engineering and innovate design by an international team of professional designers. Our amplifiers deliver pure and distortion-limited power as well as rich sound performance with stunning accuracy, soundstage and sensational dynamics.

The TA-25Mini is an efficient, cost-effective choice for home systems and custom installations in restaurants, pubs, shops, conferencing rooms, fitness clubs for background music playback.

Cleaning

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

Specifications

Full technical specifications are available on the www.taga-audio.com website

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 CHASSIS (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, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

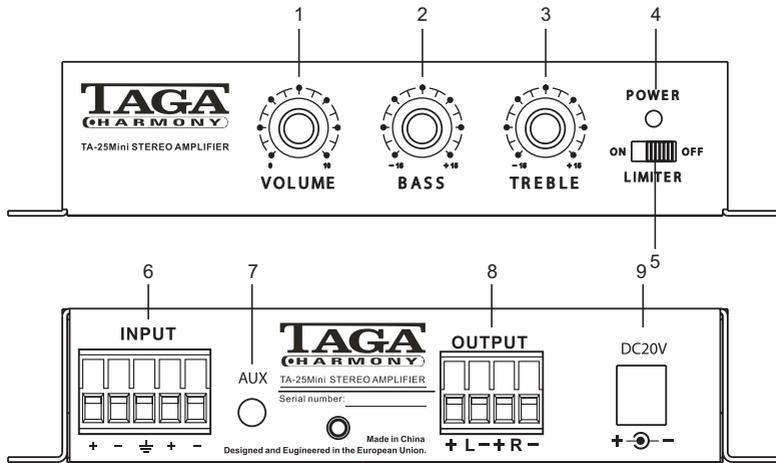
CAUTION: FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE THE FUSE ONLY WITH THE SAME AMPERAGE AND VOLTAGE TYPE. REFER REPLACEMENT TO QUALIFIED SERVICE PERSONNEL.

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, extensions 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 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.

Front and Rear Panel



1. Volume Regulator
2. Bass Regulator
3. Treble Regulator
4. Power Indicator Led
5. Limiter Switch
6. Balanced Stereo Audio Source Input (pin screw terminal connectors)
7. Unbalanced Stereo Audio Input (3.5mm)
8. Speaker Output (pin screw terminal connectors)
9. DC Adapter Input

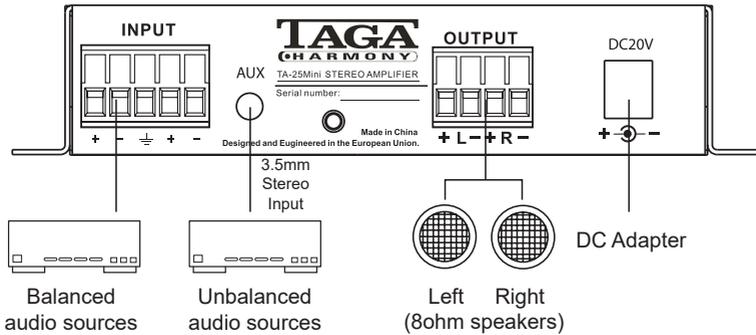
Hooking Up Cables to Terminals

The Speaker and Balanced pin screw terminal connectors can accommodate up to 14 AWG cables. 14 AWG cable is recommended for longer connections (greater than 20 meters / 66 feet). For shorter lengths you can use 16 or 18 AWG cables. It is recommended to leave about 150 cm (5 feet) of extra cable at the amplifier end to facilitate positioning and installation of the amplifier. Do not use staples, nails or other metal objects to secure the cables. You will get the best sound quality and least amount of hum by keeping the cables away from other electrical wires and cables.

Pay attention to connecting the polarity of the amplifier correctly with the balanced audio source and speakers (speakers should be connected RED + with + amplifier terminal, BLACK - with – amplifier terminal). Before connecting make sure that your amplifier is switched off. Please refer to your speaker instruction manual for more information.

NOTE! This amplifier accepts only speakers with impedance of 8 Ohms. Connecting speakers outside this range can damage this amplifier or speakers. This may void your warranty.

Hooking up the Amplifier



1. Make sure the amplifier is switched off (DC Adapter plug removed from the electrical outlet).
2. Turn the Volume Regulator to 0 (max counter clockwise).
3. Using speaker cables (not supplied with this product) connect your speakers to OUTPUT amplifier terminals located on the rear of the amplifier.
4. Using audio cables (only unbalanced stereo 2xRCA->3.5mm is supplied with this product) connect your audio source to INPUT amplifier terminals located on the rear of the amplifier.

Note! This amplifier has one audio input signal path which accepts both Balanced or Unbalanced connections – if two audio sources are connected and played simultaneously then their audio signals will be mixed.

5. Your amplifier is ready for operation.

Note! Avoid to short-circuit of cables – it can damage this amplifier or speakers. This may void your warranty.

Operation

1. Plug the DC adapter cable into the electrical outlet – the Power Indicator Led should lit.
2. Switch on your audio source and start playback on a connected audio source.
3. Regulate volume on the amplifier to adjust the level of sound.

Note! High volume levels can damage this amplifier or speakers. This may void your warranty.

Volume Regulator:

You can adjust the sound volume from minimum (0) (the knob – max counterclockwise) to maximum (10) (the knob – max clockwise). Distortion and sound quality worsening may occur when the knob is in the maximum position. It may damage the amplifier or speakers.

Bass Regulator:

You can adjust bass output of the amplifier (+/- 15dB, 30 Hz – 160Hz). The knob is in the center position (frequency 95Hz) when the white marker on the knob in the vertical position. Turn the knob counterclockwise (up to -15) to decrease the amount of low frequencies. Turn the knob clockwise to increase the amount of low frequencies (up to +15).

Treble Regulator:

You can adjust treble output of the amplifier (+/- 15dB, 4 Hz – 18 Hz). The knob is in the center position (frequency 10kHz) when the white marker on the knob in the vertical position. Turn the knob counterclockwise (up to -15) to decrease the amount of high frequencies. Turn the knob clockwise to increase the amount of high frequencies (up to +15).

Limiters:

ON: Limiter is active. It prevents clipping of the amplifier. It is used to dynamically bring the levels of the loud audio signal parts down.

OFF: Limiter is inactive.

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

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

Kit Content:

Amplifier	1EA
DC Adapter	1EA
2xRCA->3.5mm cable	1EA
Instruction Manual	1EA

Specifications

Power Output:	2 x 25W 8ohm, Class D
THD+N:	<= 0.3%
Signal/Noise ratio:	≥90db
Frequency Response:	30Hz – 18kHz
Inputs:	Stereo input (Balanced – pin screw terminal connectors; Unbalanced 3.5 mm AUX) (47KΩ/1V)
AC Power, Power Consumption:	DC 24V, max. 60W
Dimensions (H x W x D):	3.2 x 15.8 x 11 cm
Weight (net):	0.42 kg / pc

We reserve the right to change the technical data and the design of the product without notice as a result of further development.



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 2004/108/EC & 2006/95/EC 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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