

# **TAGA<sup>®</sup>**

## **CHARMONY**

To Achieve Glorious Acoustics

# **TAV-500B**

HIFI ACTIVE SPEAKER



Instruction Manual

# Introduction

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Thank you for purchasing this TAGA Harmony TAV-500B Active Speakers. This instruction manual provides all of the information that you need to know about your TAGA Harmony TAV-500B. Please read it carefully before you start using the unit.

## **Cleaning**

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

## **Specifications**

Full technical specifications are available on the **[www.TagaHarmony.com](http://www.TagaHarmony.com)** website.

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# Safety Instructions

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## 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

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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.

For products equipped with a separate power adapter make sure to leave at least 5 cm (2 inches) free space on all sides and top of the adapter.

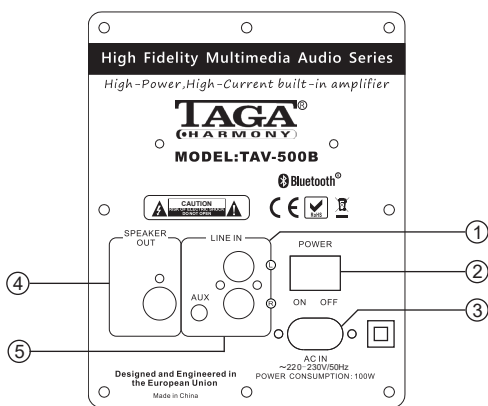
For products equipped with a separate power adapter make sure to leave at least 5 cm (2 inches) free space on all sides and top of the adapter.
9. Power Sources - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power 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.
21. [Refers to products equipped with vacuum tubes] Tube Cage - For your safety and to protect the vacuum tubes this product may be equipped with the factory installed vacuum tube cage.

It is not recommended to remove the cage unless it is required to change the vacuum tubes.

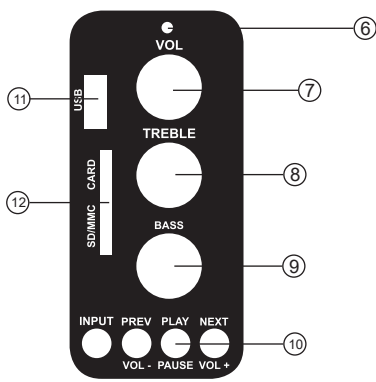
When the cage is removed - do not touch the vacuum tubes - they may be hot and burn the skin!

# System Set-Up

## Rear panel of the active speaker



## Control panel at the side of the active speaker



1. RCA Audio Input

2. Power Switch

3. AC Power Socket

4. Speaker Output

5. 3.5mm Aux-in Jack

6. LED Indicator
7. Volume Control

8. Treble Knob

9. Bass Knob

10. Control Buttons

11. USB Port

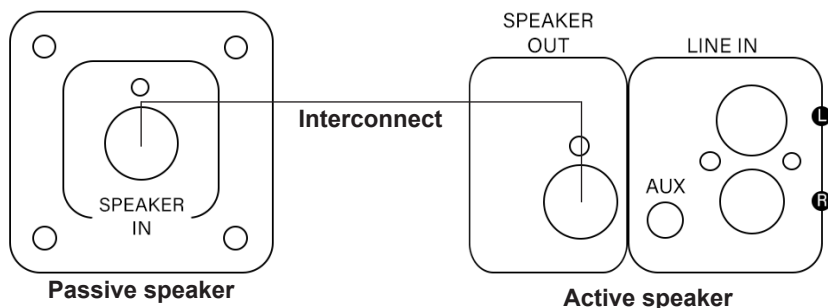
12. SD/MMC Card Slot

| LED Status          | Speaker Status              |
|---------------------|-----------------------------|
| RED Blinking        | Power on - AUX/LINE IN      |
| BLUE Blinking       | <b>Bluetooth®</b> Pairing   |
| BLUE Constant light | <b>Bluetooth®</b> Connected |
| Purple Blinking     | USB/SD Card                 |

# Connection of the active speaker with the passive speaker

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- Make sure the POWER switch is in OFF position (the active speaker is switched off).
- Using the supplied active-passive speaker interconnect cable connect SPEAKER OUT on the rear of the active speaker with SPEAKER IN on the rear of the passive speaker.
- Power on speakers by changing the position of POWER switch to ON.
- Your speakers are ready to use.



## Bluetooth® Connection

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### Bluetooth® Connection:

- Power on the speakers with the POWER switch on the rear panel.
- Select Bluetooth® on your audio source e.g. Smartphone, Laptop, etc.
- The LED Indicator on the control panel must be RED, indicating the speaker is currently ON. Press the button „INPUT“ till the LED Indicator is changed to BLUE.
- Search for TAV-500B on your audio source e.g. Smartphone, Laptop etc.
- After a short time TAV-500B will appear on your audio source screen. Select “Pair”.
- TAV-500B will now be ready to play your music wirelessly within a range of approximately 10 meters.

# Operation (Side control panel)

- **Volume:** Turn volume up or down to increase or decrease the volume. You may also adjust your source (laptop, smartphone, CD player etc.) volume to increase or decrease the volume of the TAV-500B speakers.
- **TREBLE:** This is the primary high frequency control which allows for 7dB of boost or cut at 10Khz.
- **BASS:** This is the primary low frequency control which allows for 7dB of boost or cut at 100Hz.
- **INPUT:** Press this button to choose one of the following sources: AUX/LINE, Bluetooth®, USB or SD/MMC (two last can be selected only when the USB drive or SD/MMC card are inserted).  
USB, SD/MMC Card will be automatically selected as a source after the USB drive or SD/MMC card is inserted – the priority has a device connected as the last one.  
The LED indicator will show the current status of the input:

| LED Status          | Speaker Status         |
|---------------------|------------------------|
| RED Blinking        | Power on - AUX/LINE IN |
| BLUE Blinking       | Bluetooth® Pairing     |
| BLUE Constant light | Bluetooth® Connected   |
| Purple Blinking     | USB/SD Card            |

Note! When both the USB drive and SD/MMC card are removed TAV-500B will always return to AUX/LINE input.

## When a source device is Bluetooth®, USB drive or SD/MMC card, you can control connected devices via the side control panel:

- Press **PLAY/PAUSE** button to start playback.
- To pause playback, press **PLAY/PAUSE**. To resume playback, press **PLAY/PAUSE** again.
- To select the next track, press **NEXT/VOL+** button.
- To select the previous track, press **PREV/VOL-** button.
- To stop playback by TAV-500B stop playback on your connected device or change **INPUT** on the speaker.

Note! some of the above functions could not be available for all **Bluetooth®** devices, USB drives or SD/MMC cards.

## Hardwire connection to TAV-500B:

TAV-500B has the option to connect an audio source such as CD/MP3/MP4 players, laptop, smartphone, table PC computer etc., using wired connection. TAV-500B offers LINE IN Stereo RCA as well as 3.5mm Stereo mini jack connection.

Note! do not use both wired connections at the same time.



# Troubleshooting

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If the unit fails to operate normally, check the following points to determine whether the fault can be corrected. If it cannot be corrected, or if the fault is not listed in the Problem column, disconnect the power cord and contact your authorised dealer or service centre for help

| Problem                                 | Cause/Remedy   |
|---|--|
| <b>No power when unit is turned on.</b> | <ul style="list-style-type: none"><li>• Switch on the electric current at the socket</li><li>• Check that the plug has been correctly inserted into the socket.</li><li>• The internal fuse has blown and must be replaced by a qualified service technician.</li><li>• The power cord has been damaged and must be replaced.</li><li>• Input selection is not correct.</li><li>• Ensure input selection is set to the correct source.</li></ul> |
| <b>No sound.</b>                        | <ul style="list-style-type: none"><li>• <b>Input source volume is low.</b><br/>Increase the volume level on the source device.</li><li>• <b>No volume or low volume.</b><br/>Turn the volume control to increase the volume level.</li></ul>   |
| <b>Sound is distorted.</b>              | <ul style="list-style-type: none"><li>• <b>Volume level on a connected device is set too high</b><br/>Decrease Volume.</li><li>• <b>Sound source is distorted.</b> WAV and MID files are sometimes of poor quality. Therefore distortion and noise are easily noticed on high quality systems. Try a different audio source (e.g. CD Player)</li></ul>   |

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:

|   |      |
|---|------|
| 1.5 meter detachable power cord                           | 1PCS |
| 3 meter active-pasive speaker interconnect cable          | 1PCS |
| 1.8 meter interconnect stereo audio 3.5mm-3.5mm mini jack | 1PCS |
| 1.8 meter RCA-RCA audio interconnect cable                | 1PCS |
| Instruction Manual  | 1PCS |

Specifications

|                          |  |                                  |   |
|--------------------------|--|----------------------------------|---|
| High-Frequency Driver    | 25mm (1") TWG faceplate, Silk dome       | Connectivity Wired               | 3.5mm stereo jack, RCA stereo, USB (MP-3 and charging up to 700mA), SD/MMC card |
| Bass / Midrange Driver   | 165mm (6.5"), Reinforced paper cone      | Connectivity Wireless            | Bluetooth®  |
| Built-in Amplifier Power | 2 x 25W RMS / 90W Dynamic Peak Class A/B | Power Requirements & Consumption | AC 220 – 230V / 50Hz ; 100W   |
| Frequency Response       | 52Hz - 20kHz                             | Dimensions (H x W x D)           | 32 x 20 x 26 cm   |
| Sensitivity              | 85dB / Input Sensitivity: 600mV          | Weight (net)                     | Active: 6.1 kg pc. / Passive 5.0 kg pc.   |

Bluetooth® is a registered trademark of Bluetooth SIG., Inc.

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/EU (EMC) & 2014/54/EU (R&TTE) & 2006/95/EU (LVD) 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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