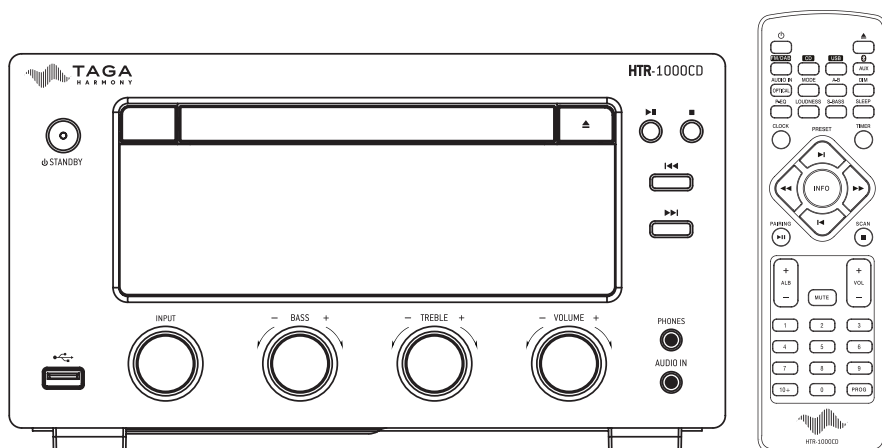




HTR-1000CD v.2

HYBRID STEREO CD-RECEIVER



Instruction Manual

Introduction

Thank you for purchasing this TAGA Harmony hybrid CD-Receiver.

TAGA Harmony HTR-1000CD v.2 is a high-fidelity, stereo hybrid FM/DAB+ receiver with a built-in CD player.

Key features:

- Compact size and sleek **aluminum front panel design** is suitable for most interiors.
- **Hybrid design** utilizing two high-performance PSVANE vacuum tubes from the Classic series in the preamp section ensures a very warm, linear and lifelike sound with high dynamic presentation at the same time.
- **High power** - 75W per channel can properly drive different types of speakers and allows to play music on higher levels without losing on clarity and dynamics.
- **DAB+** (Digital Audio Broadcasting) tuner - your favorite radio stations in the best digital quality. Enjoy your digital radio in high-resolution, crystal clear sound.
- **USB input** - to quickly and easily play music from a USB flash drive (supports MP3 and WMA files).
- **Bluetooth®** - to wirelessly stream music from smartphones, tablets or computers.
- **2 analog inputs** including a 3.5mm input on the front to quickly connect external analog audio devices (smartphones, MP3 players etc.).
- **Digital Optical input** - to connect a range of digital audio devices (CD/DVD/Blu-ray player, video game console etc.).
- **Subwoofer output** – to provide extra amount of deep bass by adding an active subwoofer to the system.
- **Headphone output** for those who prefer discrete listening.
- **High-end speaker terminals** accept raw speaker cables up to 10AWG and most popular types of connectors.
- **Variety of sound control functions** - to perfectly adjust the sound to your preferences.
- **Alarm and Sleep Timers** - to take full control of your system.
- Fully functional **remote controller**.

IEC C8 power inlet and a removable Europlug-IEC C7 power cord an option to upgrade your system with a premium audiophile power cable in any time.

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.TagaHarmony.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.



Class 1 Laser Product

- This unit utilises a laser. Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- Before moving the unit, ensure the disc tray is empty.
- Always remove the disc when the unit is not in use.
- Failure to do so will risk severely damaging the disc and the unit.
- Do not stack devices, heat from other devices may affect the performance of the unit.

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).

Remote Controller



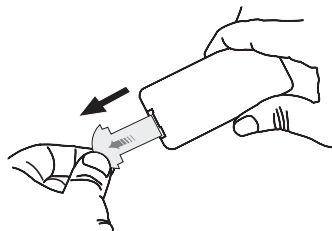
- Always use 2025 battery and do not use the rechargeable batteries.
- If the battery runs out, remove the old battery and replace it with a new one within several minutes.
- If the battery is placed incorrectly, it can cause explosion.
- Remove the battery if the remote controller is not used for a long period of time.
- Do not handle and store the batteries together with metallic tools.
- **KEEP AWAY FROM CHILDREN!**

Remember that small button cell batteries such as used in this product may be easily swallowed by young children and are dangerous for their health.

Battery Installation

First use of remote controller

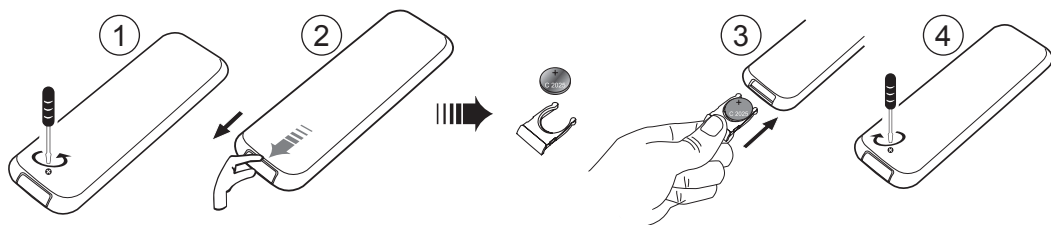
To activate the battery remove the protection which is located on the bottom back side of the remote controller.



Replacement of the battery

Prepare a single 2025 battery.

1. Using a screwdriver, loosen the battery compartment screw, which is located on the back side of the remote controller.
2. Pull out the battery compartment with your fingernails and remove the old battery.
3. Insert the new battery in the battery compartment keeping the same position like the original battery to maintain the correct polarity.
4. Tighten the battery compartment screw.

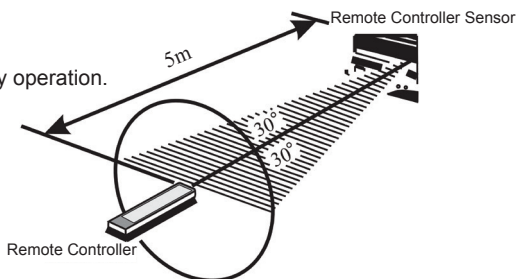


Operating range

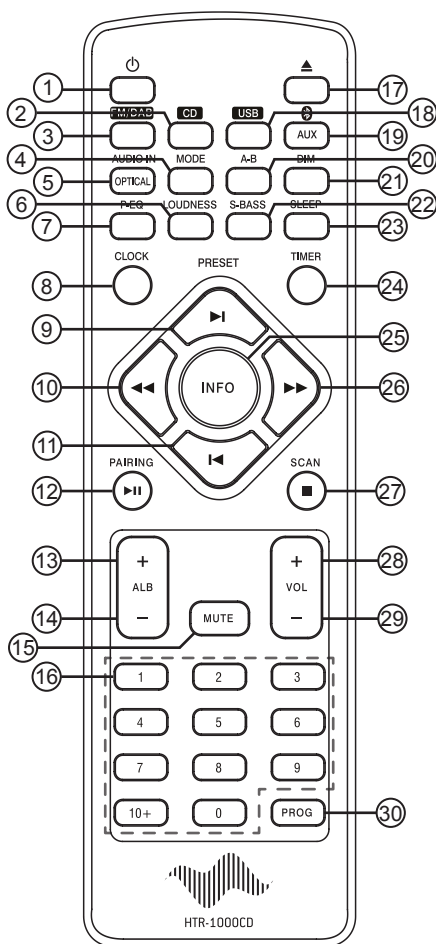
Use the remote controller by aiming it at the remote controller sensor.

The remote controller can operate in the maximum range of 5 meters away from the CD-Receiver and within 30 degrees from the axis of the controller sensor.

Note! Exposing the remote controller sensor to direct sunlight or strong light may cause faulty operation.

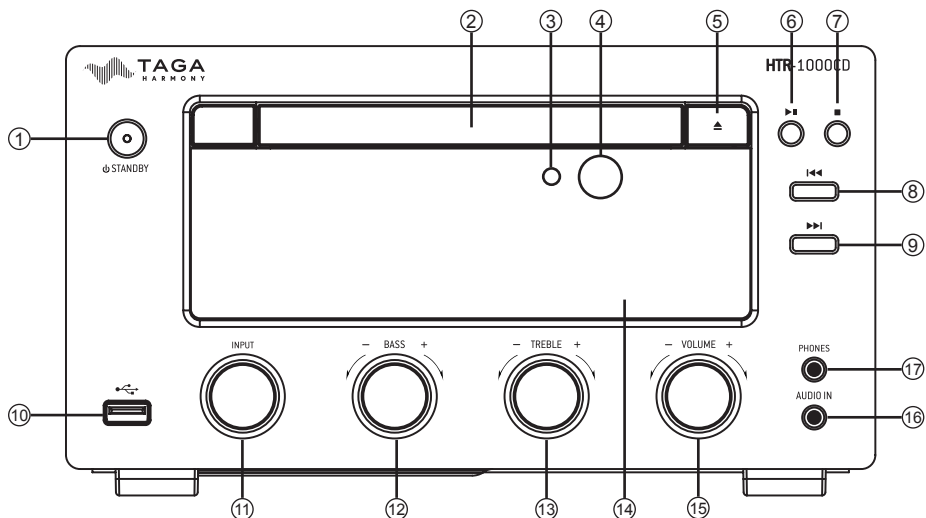


Remote Controller



1. Standby Button (⏻)
2. CD function Button (CD)
3. Tuner / DAB function Button (FM/DAB)
4. Mode Button (MODE)
5. AUDIO IN function Button (AUDIO IN)
6. OPTICAL function Button (OPTICAL)
7. Loudness Button (LOUDNESS)
8. Preset Equalizer Button (P-EQ)
9. Clock Button (CLOCK)
9. Next Button (▶I)
10. Preset Up Button (PRESET ▶I)
10. Long press: Search Backward Button (◀◀)
10. Tuning Backward Button (◀◀)
11. Previous Button (I◀)
10. Preset Down Button (PRESET I◀)
12. Play/Pause Button (▶II)
12. Stereo/mono select Button (▶II)
12. Clear Bluetooth Pairing History Button (PAIRING)
13. Album Up Button (ALB+)
14. Album Down Button (ALB-)
15. Mute Button (MUTE)
16. Number Buttons (0-9, 10+)
17. Open / Close Button (▲)
18. USB function Button (USB)
19. Bluetooth function Button (📶)
19. AUX function Button (AUX)
20. Repeat A-B Button (A-B)
21. Dimmer Button (DIM)
22. Super Bass Button (S-BASS)
23. Sleep Button (SLEEP)
24. Timer Button (TIMER)
25. Information Button (INFO)
25. RDS Information Button (INFO)
26. Long press: Search Forward Button (▶▶)
26. Tuning Forward Button (▶▶)
27. Stop Button (■)
27. SCAN Button (SCAN)
28. Volume Up Button (VOL+)
29. Volume Down Button (VOL-)
30. Program Button (PROG)
30. Long press: Auto Scan Button (PROG)
30. Memory Button (PROG)

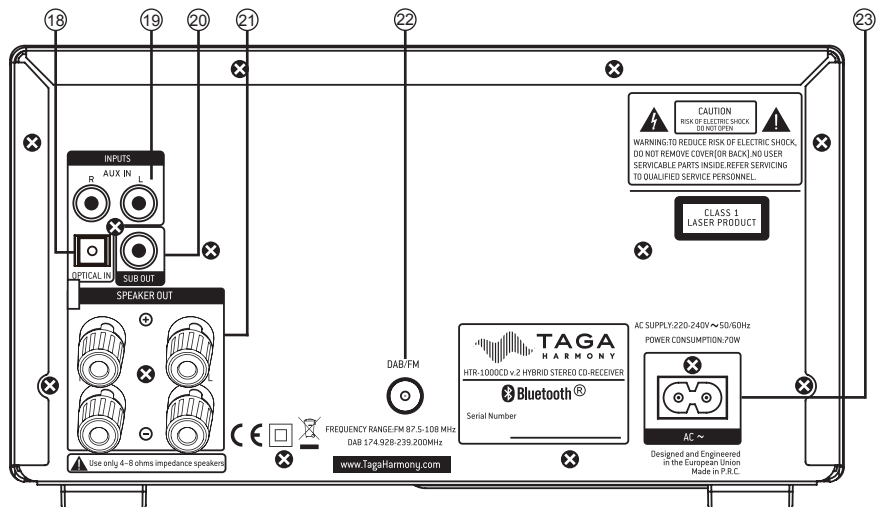
Front and Rear Panel



Front Panel:

1. Standby Button
2. Disc Tray Door
3. **Bluetooth®** Input Indicator
4. Remote Controller Sensor
5. Open/Close Button
6. Play/Pause Button
7. Stop Button
8. Previous Button
Search Backward Button
Tuning Backward Button
9. Next Button
Search Forward Button
Tuning Forward Button
10. USB Port
11. Input Selector
12. Bass Regulator
13. Treble Regulator
14. Display
15. Volume Regulator
16. AUDIO IN 3.5 mm (1/8") Stereo Input
17. Headphone 3.5 mm (1/8") Output

Front and Rear Panel



Rear Panel:

- 18. Digital Input OPTICAL
- 19. AUX Stereo RCA Input
- 20. Subwoofer RCA Output
- 21. Speaker Connectors: Right and Left Channel Output
- 22. DAB/FM Antenna Socket
- 23. Power Cable Input

Hooking Up Speaker Cables

The Speaker Connectors can accommodate up to 10AWG speaker cables as well as most of popular plugs (banana etc.). It is recommended to leave about 150 cm (5 feet) of extra cable at the CD-Receiver end to facilitate positioning and installation of the CD-Receiver. 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 CD-Receiver correctly with the speakers in each speaker group (speakers should be connected RED + with RED + CD-Receiver connector, BLACK – with BLACK – CD-Receiver connector).



Before connecting make sure that your CD-Receiver is turned off. Do not let bare speaker wires touch each other or any metal part of this unit it can damage this CD-Receiver and / or speakers. This may void your warranty.

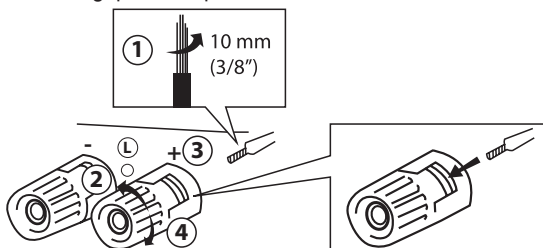
Please refer to your speaker instruction manual for more information.

Connecting speaker cables

Speaker cables have 2 conductors. Each conductors should be connected to a separate speaker connector - mind the polarity while connecting.

For each conductor:

1. Remove approximately 10 mm (3/8") of insulation from the end of the conductor.
Twist the bare wires firmly together.
2. Loosen the speaker connector.
3. Insert the bare wires of the conductor into the gap of the speaker connector.
4. Tighten the speaker connector.

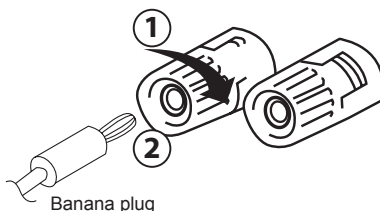


Connecting via banana plug

Mind the polarity while connecting.

Note! An insert hole for the banana plug in some speaker connectors maybe secured with a plastic plug - make sure to remove this plastic plug before inserting the banana plug.

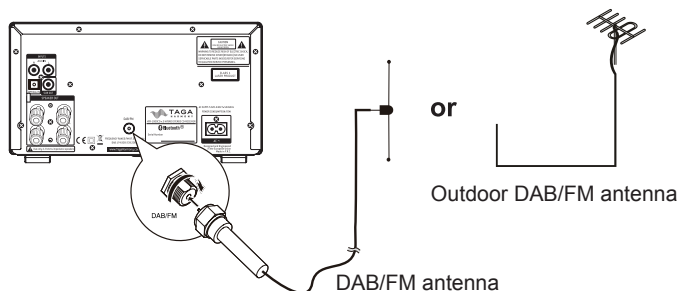
1. Tighten the speaker connector.
2. Insert the banana plug into the end of the corresponding connector.



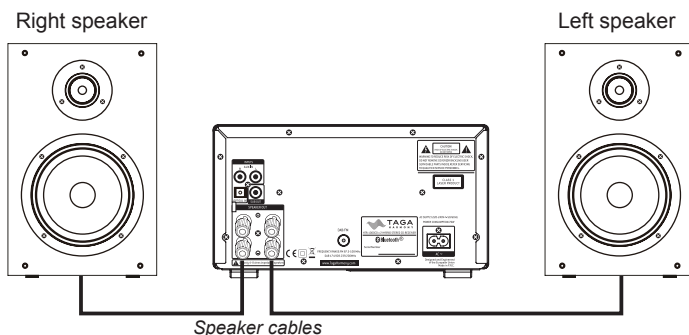
Hooking Up the CD-Receiver

1. Make sure that the Power Cable is disconnected from the CD-Receiver and the wall outlet.
2. Connect the supplied DAB/FM antenna to the DAB/FM antenna socket on the rear panel. For better DAB/FM reception, we recommend using an outdoor DAB/FM antenna (not supplied with this product).

Note! Make sure the antenna is firmly installed - otherwise the signal reception may be unstable. To avoid noises and distortions, keep the antenna away from the other cables in the system.

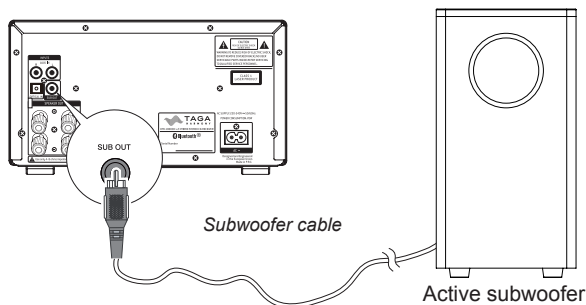


3. Using speaker cables (not supplied with this product) connect your speakers to the SPEAKERS OUT connectors located on the rear panel. Check "Hooking Up Speaker Cables" for more details.



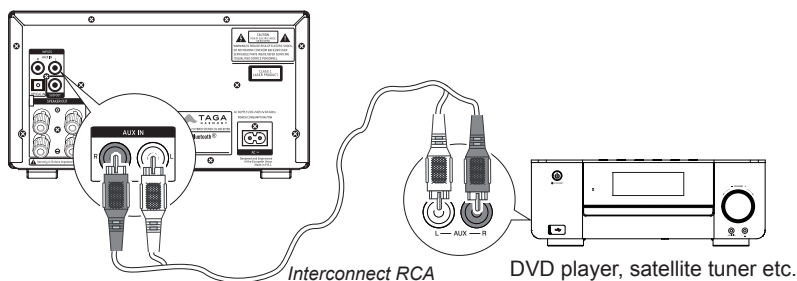
Hooking Up a Subwoofer

4. If you want to add an active subwoofer to your system: using a subwoofer cable (not supplied with this product) connect the subwoofer to the SUB OUT located on the rear panel. Please refer to your subwoofer instruction manual for more information.

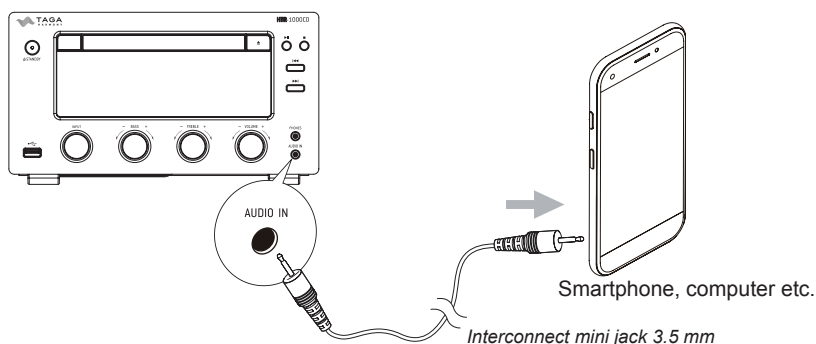


Hooking Up the CD-Receiver

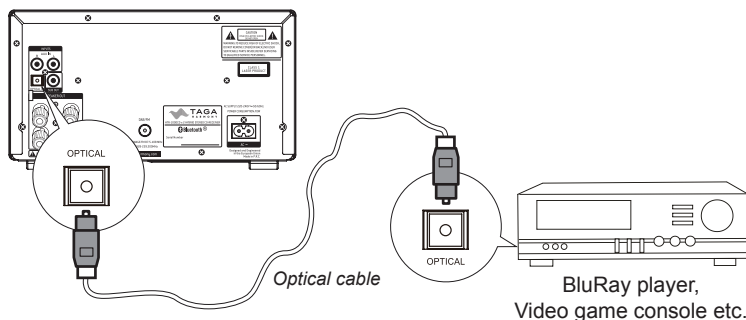
5. If you want to play music from audio source devices (CD player, satellite or TV tuner, smartphone etc.):
- a. equipped with an analog RCA output - using an RCA interconnect cable connect it to the analog input on the rear panel (AUX IN).



- b. equipped with an analog 3.5 mm (1/8") output - using a 3.5 mm (1/8") mini jack interconnect cable (not supplied with this product) connect it to the 3.5 mm (1/8") Stereo Input on the front panel (AUDIO IN).

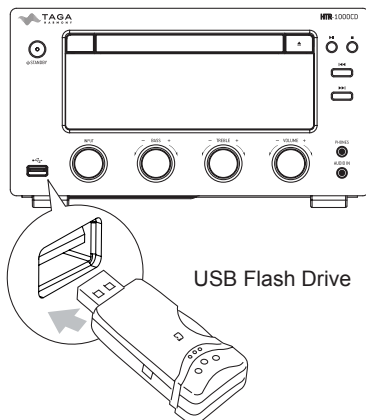


6. If you want to play a digital audio source (CD/DVD/Blu-ray player, video game console etc.) equipped with an optical output, connect it to the optical input on the rear panel (OPTICAL). Use a digital optical cable (not supplied with this product).
- Note!** This input supports the PCM format.

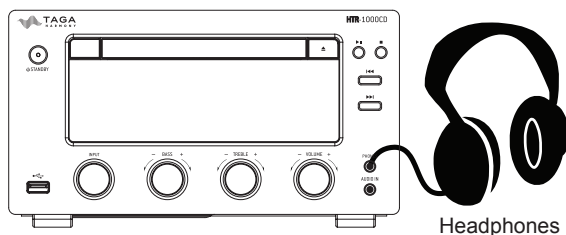


Hooking Up the CD-Receiver

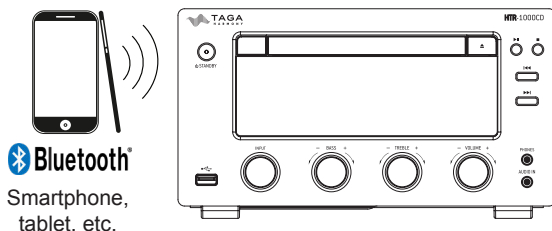
7. If you want to play digital audio files connect a USB Flash Drive (no supplied with this product) to the USB Port on the front panel. Make sure that this CD-Receiver supports the files you want to play. Check "Play from a USB Flash Drive" for more details.



8. If you want to listen to music via headphones: connect the headphones to the Phones output on the front panel. Check „Headphones connection (PHONES)” for more details.



9. If you want to stream music via **Bluetooth®** from compatible devices check "**Bluetooth®** Connection" for more details.



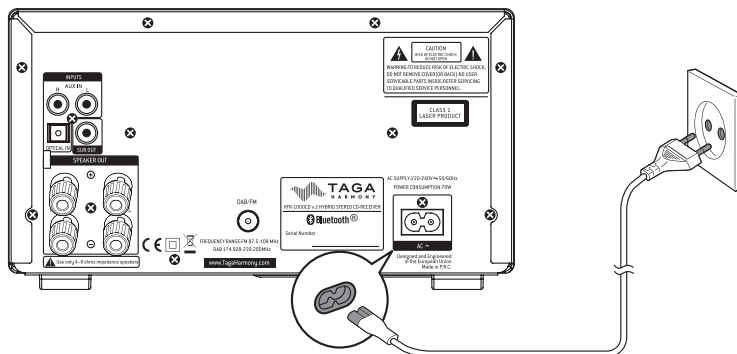
10. If you want to listen to music via a built-in tuner (FM or DAB) or a CD player, select the relevant input. Check „Operation" for more details.
11. Your CD-Receiver is ready for operation.



Only speakers within the range of impedance 4 - 8Ω may be connected to this CD-Receiver. Connecting speakers outside this range may damage this CD-Receiver and / or speakers. This may void your warranty.

Operation

Plug the Power Cable to the CD-Receiver and into the electrical outlet.



Note! Check "Additional Information" for other useful operating instructions.

ECO-Power/Standby and Automatic Standby features

Switching ON / OFF

When you connect the CD-Receiver to the electrical outlet for the first time, it will be in the Standby mode.

- Press the **Standby** button to switch the CD-Receiver on.
The word [HELLO] will be shown on the Display.
- A countdown of 10 seconds will start for preheating of the CD-Receiver.
Then, the CD-Receiver will switch to the last selected input.
- Press the **Standby** button to switch the CD-Receiver back to the Standby mode.
The words [BYE BYE] will be shown on the Display.

Switching the CD-Receiver to ECO Power/Standby mode

Press and hold the **Standby** button for 2 seconds or more to switch to the ECO Power Standby or Normal Standby.

- **ECO Power Standby mode**
The Clock will not be displayed.
Press the **CLOCK** button to display the Clock (if set) on the Display.
- **Normal Standby mode**
The Clock (if set) is displayed on the Display.

Automatic Standby Mode

If the CD-Receiver is turned on and no audio signal is transmitted to it, the device will automatically switch to the Standby mode after approximately 15 minutes.

Operation

Setting the Clock

Setting the Clock Manually

Note! You can set the Clock in the Standby mode only.

1. In the Standby mode, press and hold the **CLOCK** button to activate the Clock setting mode, [24] begins to blink on the Display.
2. Set the 12/24 hour format with the ►►I, I◄◄ on the front panel, or ►I, I◄ buttons on the remote controller.
3. Press the **CLOCK** button, the hour indicator will blink.
4. Set the hour with the ►►I, I◄◄ on the front panel, or ►I, I◄ buttons on the remote controller.
5. Press the **CLOCK** button, the minute indicator will blink.
6. Set the minute with the ►►I, I◄◄ on the front panel, or ►I, I◄ buttons on the remote controller.
7. Press the **CLOCK** button, the built-in clock starts operating.

Note!

- To exit the Clock setting mode without storing, press the ■ button.
- If no button is pressed in 90 seconds, the CD-Receiver exits the Clock setting mode automatically.
- If a power failure occurs or the CD-Receiver is disconnected from the electrical outlet, the Clock setting will be lost.

Setting the Clock Automatically

When the CD-Receiver is tuned in the DAB/RDS station for the first time and when the Clock is not set, the CD-Receiver can synchronize with the time transmitted by the DAB/RDS station (with CT information) automatically.

After that, Press the **INFO** button for over 2 seconds:


- » [CT SYNC] is displayed and the CD-Receiver reads the DAB/RDS time.
- » If no time signal is received, [NO CT] is displayed.

Display the Clock

In any Input mode, the built-in Clock shows the time on the Display by pressing the **CLOCK** button.

INPUT selection

By rotating the **INPUT** knob on the front panel or pressing one of the function buttons on the remote controller, select which audio input you want to play.

Double-function buttons on the remote controller (FM/DAB,  / AUX, AUDIO IN / OPTICAL) – press once to choose the first input, press twice to select the second input.

The selected input is indicated on the Display.

Make sure the audio source is properly connected and configured.

Operation

Sound Control



High volume levels can damage this CD-Receiver and / or speakers.
This may void your warranty.

VOLUME Regulator:

Using the **VOLUME** Regulator on the front panel or the **VOL +** and **VOL -** buttons on the remote controller, you can adjust the sound volume from minimum to maximum.



Distortion and sound quality worsening may occur when the volume level is in the maximum position. It may damage the CD-Receiver and / or speakers.
This may void your warranty.

MUTE:

During playback press this button to stop the CD-Receiver audio output (no sound will be audible in speakers, headphones nor through the SUB OUT).
Press it again to recover the audio signal output back.

P-EQ presetting equalizer:

You can use one of 5 built-in equalizer presets to control the sound quality of the CD-Receiver.

During playback press the **P-EQ** button to select one of the presets.

Each pressing will select the subsequent preset from the below list:

[FLAT] (FLAT) - not displayed on the Display.

[POP] (pop)

[JAZZ] (jazz)

[ROCK] (rock)

[CLASSIC] (classic)

Note! The P-EQ function disengages the settings of the TREBLE / BASS regulation or the currently selected sound control function (S-BASS or LOUDNESS).

To switch off the P-EQ function, select one of sound control functions (S-BASS or LOUDNESS) or use the TREBLE / BASS regulators.

TREBLE regulator:

You can adjust treble output of the CD-Receiver. The default is 0.

Turn the knob counterclockwise (-) to decrease the amount of high frequencies.

Turn the knob clockwise to increase the amount of high frequencies (+).

The current setting will be displayed on the Display.

Note! When one of the sound control functions (P-EQ, S-BASS or LOUDNESS) is selected, the current setting of the TREBLE regulation will be disengaged. Turn the knob to switch off the selected sound control function and get back to the TREBLE regulations.

BASS regulator:

You can adjust bass output of the CD-Receiver. The default is 0.

Turn the knob counterclockwise (-) to decrease the amount of low frequencies.

Turn the knob clockwise (+) to increase the amount of low frequencies (+).

The current setting will be displayed on the Display.

Note! When one of the sound control functions (P-EQ, S-BASS or LOUDNESS) is selected, the current setting of the BASS regulation will be disengaged. Turn the knob to switch off the selected sound control function and get back to the BASS regulations.

Operation

S-BASS super bass:

The S-BASS function is used to reinforce the quality and strength of the bass output - it is intended only to be used at low listening levels.

The function is controlled by the **S-BASS** button.

S-BASS ON – [DBB] is displayed on the Display.


Press the button again to disengage the function.

Note! The S-BASS function disengages the settings of the TREBLE / BASS regulation or the currently selected sound control function (P-EQ or LOUDNESS).

LOUDNESS:

The LOUDNESS function boosts low and high frequencies - it is intended only to be used at low listening levels.

The function is controlled by the **LOUDNESS** button.

[LOUDNESS ON] -  is displayed on the Display.

Press the button again to disengage the function.

Note! The LOUDNESS function disengages the settings of the TREBLE / BASS regulation or the currently selected sound control function (P-EQ or S-BASS).



Using the TREBLE / BASS / S-BASS / LOUDNESS and P-EQ functions at high volume levels may damage this CD-Receiver and / or speakers.
This may void your warranty.

Headphone connection

Headphone connection (PHONES):

When headphones (not supplied with this product) are plugged to the headphone output (Phones) the transmission of sound to the speakers is switched off.

The speakers will be active again after you disconnect the headphones.

Note! The SUB OUT will not be deactivated – make sure to turn off your subwoofer while using the headphones.

The volume of the headphones is regulated by the Volume Regulator.

All sound regulations (P-EQ / TREBLE / BASS / S-BASS / LOUDNESS) will affect the sound transmitted to the headphones.



Listening at high volume may cause hearing damage.

Dimmer

DIMMER (DIM):

The DIMMER function is used to change the brightness of the Display.

The function is controlled by the **DIM** button.

Press the **DIM** button repeatedly to choose the brightness.

Operation

DAB radio operation

Note!

- Make sure that you have correctly connected and fully extended the antenna.
- You can program up to 30 DAB radio stations.

Program DAB radio stations automatically

1. Rotate the **INPUT** knob on the front panel or repeatedly press the **FM/DAB** button on the remote controller to select the DAB input. The word [DAB] will be displayed on the Display.
2. Press the **SCAN** button to activate the automatic Program mode.
 - [SCANNING] is displayed.
 - All available stations are programmed and stored.
 - The first programmed radio station is broadcasted automatically.

Program DAB radio stations manually

1. Tune to a radio station.
2. Press the **PROG** button to activate the Program mode.
 - The preset number will blink.
3. Press the **PRESET ►I / I◄** buttons to allocate a number to this radio station.

Note! If you select a number higher than 30, then the preset number will be changed to “1” automatically.

4. Press the **PROG** button again to store the station.
5. Repeat above steps 1 to 4 for each station you want to store in the memory with a preset number.

Tuning to a DAB radio station

Repeatedly press the **►►I / I◄◄** buttons on the front panel or **►► / ◄◄** buttons on the remote controller to change the frequency until you find the station you want.

Tuning to programmed (Preset) DAB Stations

- Press the **0-9, 10+, PRESET ►I / I◄** buttons until the desired preset number is displayed. The unit will tune to the selected station automatically.
- If the preset number is less than 10, press the number buttons 1-9.
- If the preset number is over 10, press 10+ button and press the one of the number buttons 0-9.

Note! If the preset number over 20, press 10+ button twice and press the one of the number buttons 0-9.

Operation

DAB Information Display

Depending on the DAB radio station you are tuning to, some information may be unavailable. Repeatedly press the **INFO** button to display the following information.

- **Station Name**
When an DAB station is received, the name of that station will be displayed.
- **Ensemble Name**
A multiplex is a collection of radio stations that are bundled and transmitted on one frequency. There are national and local multiplexes. Local ones contain stations that are specific to that area.
Note! DAB – unlike the normal radio, groups together several radio stations and transmits them on one frequency.
- **Clock**
Displays the current time provided automatically by the broadcaster.
- **Date**
Displays the current date provided automatically by the broadcaster.
- **DLS (Dynamic Label Segment)**
Dynamic label segment is a scrolling message that the broadcasters may include with their transmissions. The message usually includes information, such as program details etc.
- **Signal Strength**
Shows a number to indicate the signal strength which is between 0 and 100, for example 15, 80 or 100. The stronger the signal, the higher the number.
- **Program Type**
Describes the style or genre of the program that is being broadcast.
- **Frequency**
Displays the frequency of the current station.
- **Audio Bit Rate**
Displays the digital audio bit rate being received.
- **Stereo/Mono**
The Display will show if the station being received is in mono or stereo.

FM radio operation

Note!

- Make sure that you have correctly connected and fully extended the DAB/FM antenna.
- You can program up to 20 FM radio stations.

Tuning in to a Station

1. Rotate the **INPUT** knob on the front panel or repeatedly press the **FM/DAB** button on the remote controller to select the TUNER input. The word [TUNER] will be displayed on the Display.
2. Select a station using one of the following methods:
 - **Auto Tuning**
Press and hold the **▶▶I / I◀◀** buttons on the front panel or **◀◀ / ▶▶** buttons on the remote controller for one second or more, the frequency changes down or up automatically until a station is found.
 - **Manual Tuning**
Repeatedly press the **▶▶I / I◀◀** buttons on the front panel or **◀◀ / ▶▶** buttons on the remote controller to change the frequency until you find the station you want.
 - **Preset Tuning (available only after the stations are programmed)**
Repeatedly press the **0-9, 10+, PRESET ▶I / I◀** buttons to select the desired preset number. The unit will tune to the selected station automatically.
 - If the preset number is less than 10, press the number buttons 1-9.
 - If the preset number is over 10, press 10+ button and press the one of the number buttons 0-9.**Note!** If the preset number over 20, press 10+ button twice and press the one of the number buttons 0-9.

Operation

Program radio stations

• Automatically

- Press and hold the **PROG** button for 2 seconds or more to activate the automatic Program mode.
 - [SCANNING] is displayed.
 - All available stations are programmed and stored.
 - The first programmed radio station is broadcasted automatically.

• Manually

1. Tune to a radio station.
2. Press the **PROG** button to activate the Program mode.
The preset number will blink.
3. Press the **PRESET ►I / I◄** buttons to allocate a number to this radio station.

Note! If you select a number higher than 20, then the preset number will be changed to “1” automatically.

4. Press the **PROG** button again to store the station.

Repeat above steps 1 to 4 for each station you want to store in memory with a preset number.

Note! If a power failure occurs or the CD-Receiver is disconnected from the electrical outlet, the preset stations will not be erased.

RDS (Radio Data System) Reception

Many FM stations are broadcasting with added data compatible with RDS (Radio Data System).

Repeatedly press the **INFO** button to display the following information.

• Station Name

When an RDS station is received, the name of that station will be displayed.

• PTY (Program Type)

Describes the style or genre of the program that is being broadcast.

• Clock

Displays the current time provided automatically by the broadcaster. The RDS CLOCK system may not properly operate in areas where RDS CLOCK service is not available. Once RDS CLOCK service is available, the RDS CLOCK system will start operation.

• Text

The broadcaster may include a message that displays information about the current program.

• Frequency

Displays the frequency of the current station.

CD Player Operation

CD Playing

1. Rotate the **INPUT** knob on the front panel or directly press the **CD** button on the remote controller to select the DISC input. The word [DISC] will be displayed on the Display.
2. Press the **▲** button to open the disc tray door and place the CD disc on the disc tray (with the printed side up).
3. Press the **▲** button to close the disc tray door, the CD-Receiver will read the disc and play it automatically. **Note!** If in the Stop mode, please press the **►II** button to start playing the disc.
4. Press the **►II** button to temporarily stop the playing, press the button again, it will continue to play.
5. Press the **■** button to stop the disc playing.

To Skip or Search and Play

- Press the **I◄◄ / ►►I** buttons on the front panel or **►I / I◄** buttons on the remote controller once or more to skip previous/forward one or more tracks on the disc.
- Press and hold the **I◄◄ / ►►I** buttons on the front panel or **►I / ◄◄** buttons on the remote controller to search for the position that you intend to start playing.
Release to resume normal play.

Operation

Programme Play

You can programme up to 20 tracks to play in any desired order.

The player must be in the Stop mode only with a CD disc inserted.

1. Insert a disc and press the **■** button when it starts playing.
2. Press the **PROG** button, the Display will show [001 p-01] and [PROG].
3. Press the **◀◀** / **▶▶** buttons on the front panel or **0-9**, **10+**, **▶** / **◀** buttons on the remote controller to select the desired track number.
 - To select track number 12, directly press 1, 2 buttons etc.
4. Press the **PROG** button to confirm the track number to be stored.
5. Repeat steps 3-4 to select and store all desired tracks.
6. Press the **▶||** button to start the programme play.
7. Press the **■** button once to stop the programme play.
Press the **■** button twice to clear the programme.

Playing Repeatedly (CD disc)

- ONE and ALL Repeat Play can be set by pressing the **MODE** button.
 - First press: To repeat the same track, the words [TRK] will blink and [REP] will stay lit.
 - Second press: To repeat playing all tracks on a disc, the words [TRK] and [REP ALL] will stay lit.
 - Third press: To play tracks randomly, the words [TRK] and [SHUF] will stay lit.
 - Fourth press: To cancel the repeat playing, the word [TRK] will stay lit.
- Repeat A-B can be set by pressing the **A-B** button.
 - First press: Select the start point, the words [REP A-] will stay lit.
 - Second press: Select the end point, the words [REP A-B] will stay lit.
 - Third press: To cancel repeat play, the word [REP A-B] will disappear.

Note! The section A and B can be set only within the same track.

Text Display During Playback (CD disc)

Repeatedly press the **INFO** button to show the current track number and single elapsed time or single remain time or total elapsed time or total remain time.

MP3/WMA Disc Playing

Note! MP3/WMA music playback from CD maybe be affected due to the type and format of disc or condition of the recording.

If you are having trouble playing a certain disc, it is recommended to use the USB input instead.

1. Rotate the **INPUT** knob on the front panel or directly press the **CD** button on the remote controller to select the DISC input. The word [DISC] will be displayed on the Display.
2. Press the **▲** button to open the disc tray door and place the MP3/WMA disc on the disc tray (with the printed side up).
3. Press the **▲** button to close the disc tray door, the CD-Receiver will read the disc and play it automatically.

Note! If in the Stop mode, please press the **▶||** button to start playing the disc.

4. Press the **▶||** button to temporarily stop the playing, press the button again, it will continue to play.
5. Press the **■** button to stop the disc playing.

Text Display During Playback (MP3/WMA discs)

- If playing file contains the ID3 information, when start playing, the file name will be scroll on the screen automatically.
- If playing file is no ID3 information, press the **INFO** button, the current track and track of time will be displayed.
- Press the **INFO** button to enter or exit the ID3 information mode.

Operation

To Select Album

- Press the **ALB+/-** buttons to select the next/previous album, and play the first track of this album.
- If the playing has ended, press the **ALB+/-** buttons to select the next/previous album.

Playing Repeatedly (MP3/WMA disc)

- ONE and ALL Repeat Play can be set by pressing the **MODE** button.
 - First press: To repeat the same track, the words [TRK] will blink and [REP] will stay lit.
 - Second press: To repeat playing album, the words [ALB] will blink and [TRK], [REP ALB] will stay lit.
 - Third press: To repeat playing all tracks on a disc, the words [TRK] and [REP ALL] will stay lit.
 - Fourth press: To play tracks randomly, the words [TRK] and [SHUF] will stay lit.
 - Fifth press: To cancel the repeat playing, the word [TRK] will stay lit.
- Repeat A-B can be set by pressing the **A-B** button.
 - First press: Select the start point, the words [REP A-] will stay lit.
 - Second press: Select the end point, the words [REP A-B] will stay lit.
 - Third press: To cancel repeat play, the word [REP A-B] will disappear.

Note! The section A and B can be set only within the same track.

Play from a USB Flash Drive

This CD-Receiver can play music from some USB Flash Drives and supports MP3 and WMA audio files.

1. Insert the USB Flash Drive into the USB port on the front panel.
2. Rotate the **INPUT** knob on the front panel or press the **USB** button on the remote controller to select the USB input. The word [USB] will be displayed on the Display.
3. In the Stop mode, press the **▶||** button to start playing.
During playing, press the **▶||** button to temporarily pause the playing, press the button again to continue playing.
4. Press the **■** button to stop playing.

Access a folder

- During playing, press the **ALB+/-** buttons to select a folder.
- In the Stop mode, press the **ALB+/-** buttons to select a folder and press the **I◀◀ / ▶▶I** buttons on the front panel or **▶I / I◀** buttons on the remote controller to select a file, and then press the **▶||** button to start playing.




Depending on the USB Flash Drive type, format and number or arrangements of folders and files some music files may be played differently or may not be recognized by the CD-Receiver.



We recommend to change the USB source to another one before removing the USB Flash Drive.

Bluetooth® Connection

1. Rotate the **INPUT** knob on the front panel or repeatedly press the  / **AUX** button on the remote controller to select the BT input. The word [BT] will be displayed on the Display.
 2. Select **Bluetooth®** on your audio source device (smartphone, laptop etc.) and start scanning for available **Bluetooth®** devices.
 3. After a short time "HTR-1000CD" will appear on the screen of your audio source.
 4. Select "Pair" on your audio source device to connect with the CD-Receiver.
After connection is successful the **Bluetooth®** Input Indicator will be illuminated continuously and it will remain illuminated as long as the current connection is active.
- Note!** For elder audio source devices, you may need to input "0000" as a pairing password.
5. HTR-1000CD v.2 will now be ready to play your music wirelessly within a range of approximately 5 meters. Start playback on your audio source device.
 6. You may control the playback on your audio source device or via the CD-Receiver.
- Note!** Not all audio sources may be controlled by the CD-Receiver.
- To pause/resume play, press **▶||**.
 - To skip to a track, press **I◀◀ / ▶▶I** on the front panel or **▶I / I◀** on the remote controller.
 - To stop play, press **■**.
7. Press the **PAIRING** button for approximately 2 second to clear the **Bluetooth®** pairing history.

Note! Please refer to your audio source user instruction for details on operating the **Bluetooth®**. Operation and names of specific functions may vary on different devices.

Important Notes - Bluetooth® Connection

1. When you want to use another **Bluetooth®** audio source than currently active, you have to disconnect the active connection and start the **Bluetooth®** connection procedure.
2. Make sure that there are no objects placed between an audio source and the CD-Receiver obscuring the **Bluetooth®** signal which may result in unstable or no connection.
3. This unit supports A2DP (Advanced Audio Distribution Profile).

Note! The above listed functionality may vary on different **Bluetooth®** audio sources (smartphones, computers or other compatible devices).

For some audio source devices it may take a shorter or longer period of time to reconnect to the CD-Receiver or it may even require to repeat the pairing procedure each time the **Bluetooth®** connection is lost.

Note! If your **Bluetooth®** audio source is not able to find the "HTR-1000CD" **Bluetooth®** device or connect to it then switch off, clear the pairing history and repeat the pairing procedure.

Setting the Sleep Timer

When the CD-Receiver is turned on, repeatedly press the **SLEEP** button to select a set period of time (in minutes): 120, 90, 60, 45, 30, 15.

When the Sleep Timer is activated, the [SLEEP] is displayed on the Display.

To deactivate the Sleep Timer

Press the **SLEEP** button repeatedly until [SLEEP OFF] is displayed on the Display.

When the Sleep Timer is deactivated, [SLEEP] is not displayed.

Setting the Alarm Timer

This unit can be used as an alarm timer (clock).

Note! Make sure that you have set the Clock correctly.

1. In the Standby mode, press and hold the **TIMER** button, until [TIMER SET] scrolls on the display and the input is displayed, e.g. DISC.
2. Press the ►►I, I◄◄ buttons on the front panel or ►I, I◄ buttons on the remote controller to select an input.
3. Press the **TIMER** button, the hour indicator will blink.
4. Repeat steps 2-3 to set the hour, minute and adjust the volume.

Note!

- To exit the Alarm Timer setting mode without storing, press the ■ button.
- If no button is pressed in 90 seconds, the unit exits the Clock setting mode automatically.
- If the CD/USB input is selected, and no disc or USB Flash Drive is inserted or an incompatible format is detected, the TUNER input will be activated automatically.

To deactivate or re-activate the Alarm Timer

In the Standby mode, press the **TIMER** button to activate or deactivate the Alarm Timer.

- If the Alarm Timer is activated, [🕒] is displayed on the Display.
- If the Alarm Timer is deactivated, [🕒] is not displayed.

Additional Information

Break-In

Your TAGA Harmony CD-Receiver sounds great immediately after it is taken out of the carton but as all hybrid devices, this CD-Receiver requires a “break-in” period to reach its full sonic capabilities.

During the “break-in” period it is recommended to operate the CD-Receiver 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.

It is recommended to avoid one-time short periods of operation unless the CD-Receiver reaches the first “break-in” level.

When the CD-Receiver is turned on, it should operate for around 4-6 hours.

Turn off procedure



If the CD-Receiver 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 CD-Receiver OFF / ON.

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

Vacuum tubes - noise floor and interferences

It is a normal phenomenon for an CD-Receiver equipped with vacuum tubes to produce significant amount of noise (called noise floor or self-noise) which can be audible in speakers and headphones (in one or both channels).

Devices equipped with vacuum tubes are more prone to various types of interferences generated by nearby electronic equipment – try to eliminate such a problem by moving this product away from the source of interference or trying to power it from a different power line than other equipment (e.g. from a power outlet in another room).

Vacuum Tube Replacement

The lifetime of vacuum tubes may vary and depends on their operation time and ambient temperature, playback volume levels and the number of on and off cycles.

Replacement vacuum tubes are not supplied with this product.



The warranty time for vacuum tubes is shorter than for other components of this device – for more details check your warrant terms or contact a local dealer.



The vacuum tubes are installed inside the device and should be replaced only by qualified service personnel.

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.

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).

Additional Information

Handling of CD discs



Playback side



- Do not touch the playback side of the disc.
- Do not attach paper or tape to the disc.

Cleaning Discs



- Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the centre outwards with a soft cloth. Always keep the disc clean.
- If you cannot wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened cloth and finish with a dry cloth.
- Do not use any type of solvent such as thinner, benzene, commercially available cleaners or antistatic spray. They may damage the disc.

Storing Discs

- Do not store discs in places subjected to direct sunlight or near heat sources.
- Do not store discs in places subjected to moisture and dust such as a bathroom or near a humidifier.
- Storing discs vertically in a case, stacking discs or placing objects on discs outside of their cases may cause warping.

Specifications

Vacuum tubes	2 x ECC83 PSVANE Classic Series
Power output / impedance	2 x 75W RMS 4Ω, Class D
Compatible CD formats	CD-Audio, CD-R/RW (audio files MP3, WMA)
Radio section	Tuner: FM (87.5 - 108MHz) RDS DAB+ (174.928 - 239.200 MHz) Preset: 20 FM / 30 DAB+
Wireless connectivity	Bluetooth®
Digital inputs	USB (MP3, WMA), Optical
Analog inputs	AUX AUDIO IN stereo jack 3.5 mm (front panel)
Analog outputs	SUB (frequency: 20 - 300Hz)
Headphone output	Impedance: 32Ω Output power: <10mW, 32Ω
Frequency response	30Hz - 20KHz (>-6dB)
Total Harmonic Distortions	≤1%
Signal/Noise ratio	>50dB
AC power / power consumption	220-240V 50/60Hz, 70W (max) / <0.5W (Standby Mode)
Dimensions (H x W x D)	14 x 24.5 x 29.5 cm

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.

Notes

Notes


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:

CD-Receiver	1 EA
Remote Controller	1 EA
DAB/FM Antenna	1 EA
Power Cable	1 EA
RCA interconnect cable	1 PAIR
Instruction Manual	1 EA

EU declaration of conformity

	<p>Your product is marked with the symbol shown on the left. As its manufacturer, hereby we declare that the product is in compliance with the following EU directives and regulations: 2014/35/EU (LVD) & 2014/53/EU (RED) & 2005/32/EC (ERP) & 2011/65/EU (RoHS)</p> <p>The full text of the EU declaration of conformity is available from the manufacturer.</p>
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Disposal of the product

	<p>Disposal of old electrical & electronic equipment (applicable in the European Union and other countries with separate collection systems)</p> <p>This symbol on the product or on its literature and packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring that this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health, which could be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local government office, your household waste disposal service or the shop where you purchased the product.</p>
	<p>Disposal of waste batteries (applicable in the European Union and other countries with separate collection systems)</p> <p>This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste. On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbol for lead (Pb) is added if the battery contains more than 0.004 % lead. By ensuring that these batteries are disposed of correctly, you will help to prevent potentially negative consequences for the environment and human health which could be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources. In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only. To ensure that the battery will be treated properly, hand over the product at end-of-life to the appropriate collection point for the recycling of electrical and electronic equipment. For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the appropriate collection point for the recycling of waste batteries. For more detailed information about recycling of this battery, please contact your local government office, your household waste disposal service or the shop where you purchased the product or battery.</p>

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