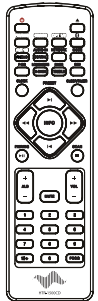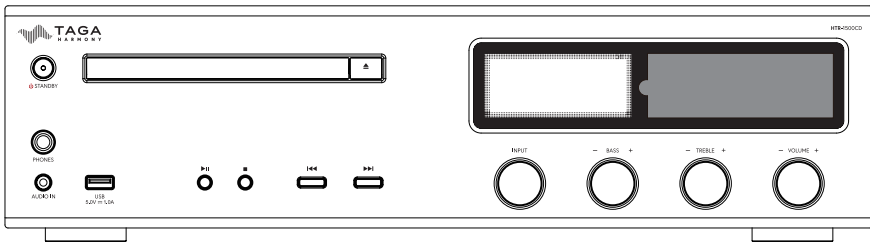# TAGA
HARMONY

HTR-1500CD

HYBRID STEREO CD-RECEIVER

WIRELESS

Instruction Manual

Introduction

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

The HTR-1500CD is a premium, stereo hybrid FM/DAB+ receiver with a built-in CD player and a network player, which allows to stream digital music content from smartphones, tablets, music libraries on computers or network storage, as well as from the best online streaming services and internet radio.

Key features:
- Hybrid design utilizing high-performance **PSVANE ECC83 vacuum tubes** from the Classic series in the preamp section ensures a very warm, linear and lifelike sound with high dynamic presentation.
- Sleek **aluminum front panel design** suitable for most interiors.
- **High power** - 120W per channel, backed by a toroidal power transformer, can properly drive different types of speakers and allows to play music on higher levels without losing on clearly and dynamics.
- **Wi-fi** and **Bluetooth®** to wirelessly stream music from smartphones, tablets, computers, online streaming services and internet radio.
  Equipped with **RJ45 Ethernet LAN** socket for wired network connection.
- Support of many **online streaming services** (incl. Spotify Connect and Tidal Connect) and **Internet radio** to enjoy the best music and broadcasts from around the world.
- Compatibility with **high-resolution** sources up to 24bit/192kHz (via wi-fi and LAN) – high quality sound utilizing **MS4344 DAC**.
- Support of a wide range of formats including high-resolution **lossless FLAC** and **APE**, and **uncompressed WAV** to get the most natural and detailed sound.
- **Streaming via free applications** (for instance: 4STREAM, WiiM Home) available on the Apple App Store® and the Google Play® Store.
- Selected apps provide **multiroom** features - you can enjoy music simultaneously on multiple HTR-1500CD receivers or other compatible devices in different zones and control them via a single app interface.
- **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 with charging** - to quickly and easily play music from a USB flash drive (supports AAC-LC, APE, FLAC, MP3, WAV, WMA files) as well as charge your mobile devices.
- **4 analog inputs** including a 3.5mm input on the front to quickly connect external analog audio devices (smartphones, MP3 players etc.) and a **turntable (MM cartridge) input** so you can enjoy music from your favorite vinyl records.
- **3 digital inputs** - 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**.

Introduction

IEC C14 power inlet and a removable Schuko-IEC C13 power cord give you 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**

Contents

Safety Instructions

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

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. [Refers 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).

PACKAGING WARNING
The packaging may contain elements such as plastic, that **should be kept away from small children**.
The thin foil or small elements can stick to the nose and mouth, or may be swallowed and prevent breathing.
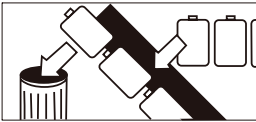
Batteries- Safety Instructions

IMPORTANT
READ THIS SECTION CAREFULLY BEFORE PROCEEDING!

Make sure to insert the battery aligning the correct polarity - the positive and negative ends should be facing in the correct direction as marked on equipment.
Incorrect fitting may cause leakage or, in extreme cases, fire or even an explosion.

Always replace the whole set of batteries at one time, taking care not to mix old and new batteries or batteries of different types, since this may result in leakage or, in extreme cases, fire or even an explosion.
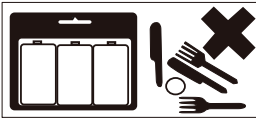
Store unused batteries in their packaging and away from metal objects which may cause a short-circuit resulting in leakage or, in extreme cases, fire or even an explosion.

Remove dead batteries from equipment and all batteries from equipment when you know you are not going to use for a long time. Otherwise the batteries may leak and cause damage.
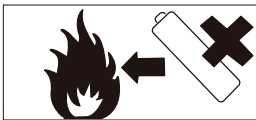
Never dispose of batteries in fire as this can cause them to explode. Please recycle dead batteries; do not put with the normal household waste.

Never attempt to recharge ordinary batteries, either in a charger or by applying heat to them. They may leak, cause fire or even explode. There are special rechargeable batteries which are clearly marked as such.

Supervise children if they are replacing batteries by themselves in order to ensure these safety instructions are followed.
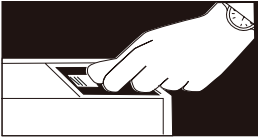
EN_batteries_safety_08-22

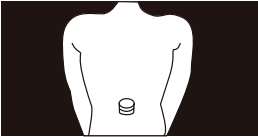# Batteries- Safety Instructions

 Remember that small button cell batteries such as used in some hearing aids, toys, games and other appliances, may be easily swallowed by young children and this is dangerous.

 Keep loose button cells away from young children.

 Make sure appliance battery compartments are securely closed.

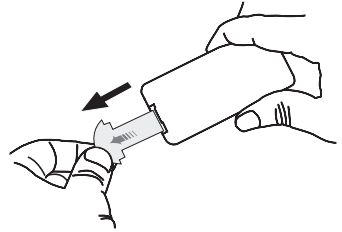 Seek medical assistance if you believe a battery has been swallowed.

Remote Controller

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.
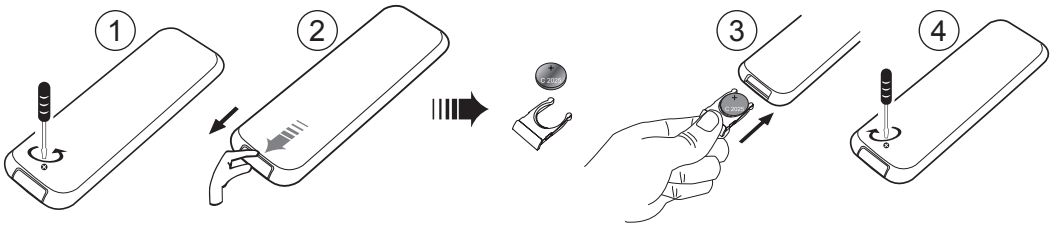
Operating range

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 Sensor

5m

30°
30°

Remote Controller

Remote Controller

1. Standby Button (⏻)
2. CD / USB function Button (CD/USB)
3. Tuner / DAB function Button (FM/DAB)
4. AUDIO IN function Button (**AUDIO IN**)
   COAXIAL function Button (**COAXIAL**)
5. AUX 1,2 function Button (AUX 1/2)
   PHONO function Button (**PHONO**)
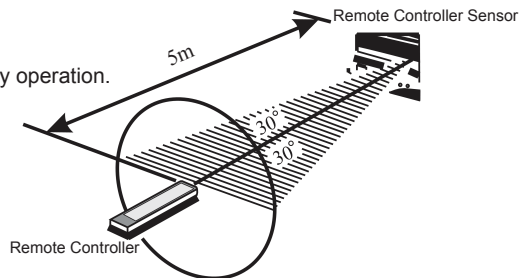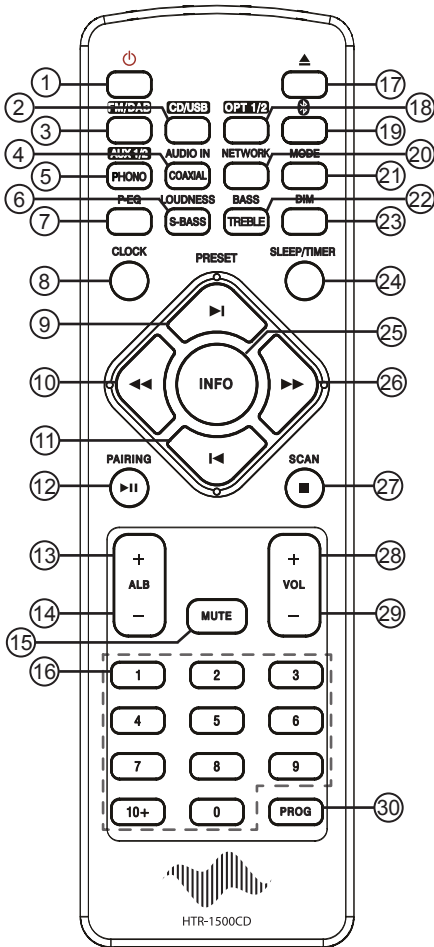6. Loudness Button (**LOUDNESS**)
   Super Bass Button (**S-BASS**)
7. Preset Equalizer Button (**P-EQ**)
8. Clock Button (**CLOCK**)
9. Next Button (▶I)
   Preset Up Button (**PRESET ▶I**)
10. Long press: Search Backward Button (◀◀)
    Tuning Backward Button (◀◀)
11. Previous Button (I◀)
    Preset Down Button (**PRESET I◀**)
12. Play/Pause Button (▶II)
    Pairing Mode 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. OPTICAL 1,2 function Button (OPT 1/2)
19. **Bluetooth® function Button (🟦)**
20. NETWORK function Button (**NETWORK**)
21. Mode Button (**MODE**)
    Stereo/mono select Button (**MODE**)
22. Bass Button (**BASS**)
    Treble Button (**TREBLE**)
23. Dimmer Button (**DIM**)
24. Sleep / Timer Button (**SLEEP/TIMER**)
25. Information Button (**INFO**)
    RDS Information Button (**INFO**)
26. Long press: Search Forward Button (▶▶)
    Tuning Forward Button (▶▶)
27. Stop Button (■)
    Reset the Network Connection Button (■)
    SCAN Button (**SCAN**)
28. Volume Up Button (**VOL+**)
29. Volume Down Button (**VOL-**)
30. Program Button (**PROG**)
    Long press: Auto Scan Button (**PROG**)
    Memory Button (**PROG**)

Front and Rear Panel
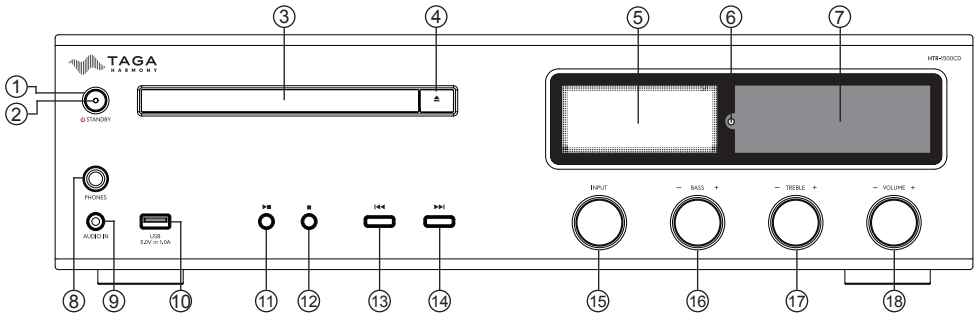
Front Panel:
1. Standby Button (⏻)
2. ECO Power Standby Mode Indicator
3. Disc Tray
4. Open/Close Button (⏏)
5. Vacuum Tube Window
6. Remote Controller Sensor
7. Display
8. Headphone 6.5 mm (1/4') Output
9. AUDIO IN 3.5 mm (1/8') Stereo Input
10. USB Port
11. Play/Pause Button (▶II)
12. Stop Button (■)
13. Previous Button (I◀◀)
    Search Backward Button (I◀◀)
    Tuning Backward Button (I◀◀)
14. Next Button (▶▶I)
    Search Forward Button (▶▶I)
    Tuning Forward Button (▶▶I)
15. Input Selector (INPUT)
16. Bass Regulator (− BASS +)
17. Treble Regulator (− TREBLE +)
18. Volume Regulator (− VOLUME +)

Front and Rear Panel
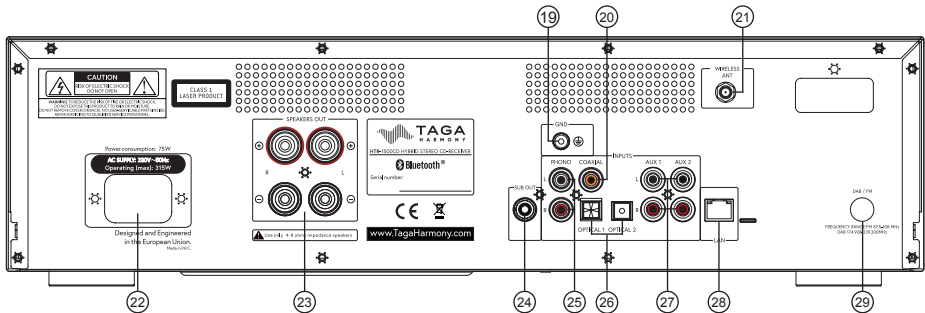
Rear Panel:

19. Phono Ground Screw - **GND**
20. Digital Input **COAXIAL**
21. Wireless (wi-fi and **Bluetooth**®) Antenna Socket - **WIRELESS ANT**
22. Power Cable Input
23. Speaker Connectors: Right and Left Channel Output - **SPEAKERS OUT**
24. Subwoofer RCA Output - **SUB OUT**
25. Analog Stereo RCA Input **PHONO** (MM)
26. Digital Inputs **OPTICAL 1** / **OPTICAL 2**
27. Analog Stereo RCA Inputs **AUX 1** / **AUX 2**
28. Wired connection to the local network device - **LAN**
29. DAB/FM Antenna Socket - **DAB / FM**

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 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 speakers in each speaker group (speakers should be connected RED + with RED + amplifier connector, BLACK – with BLACK – amplifier connector).

> ⚠ Before connecting make sure that your amplifier is turned off.
> Do not let bare speaker wires touch each other or any metal part
> of this unit it may damage this amplifier 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 conductor 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.
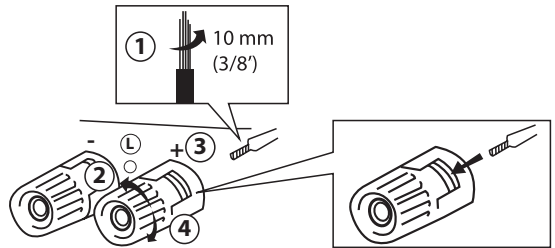
Connecting via banana plug
Mind the polarity while connecting.

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.

Banana plug

Hooking up the CD-Receiver

Right speaker   Left speaker

Speaker cables

Turntable (MM)

Internet

Wireless Network (wi-fi)

Smartphone, tablet, computer, etc.

Phono RCA-RCA interconnect

Ground cable

Router

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CLASS 1 LASER PRODUCT

SPEAKERS OUT

Power consumption: 75W

AC SUPPLY 230V~ 60Hz
Operating (max): 315W

Designed and Engineered in the European Union.
Made in P.R.C.

Use only 4~8 ohms impedance speakers

TAGA
HTA-1600CD HYBRID STEREO CD-RECEIVER

Serial number:

www.TagaHarmony.com

INPUTS

PHONO   COAXIAL   AUX 1   AUX 2

SUB OUT

OPTICAL 1   OPTICAL 2

LAN

DAB / FM

FREQUENCY RANGE: FM 87.5-108 MHz
DAB 174.928-239.200 MHz

DAB/FM Antenna

RCA-RCA subwoofer interconnect

Active Subwoofer

Digital coaxial cable

DVD / Blu-ray Player etc.

Digital optical cable

TV Set etc.

RCA-RCA interconnect

Network streamer etc.

Digital optical cable

Digital-to-Analog Converter etc.

RCA-RCA interconnect

RJ45 Ethernet cable

Wired Network (LAN)

Router

Internet

External power amplifier, powered speakers etc.

Headphones

TAGA
HARMONY

HTA-1600CD

STANDBY

PHONES

AUDIO IN

USB
5V⎓1V/2A

INPUT   — BASS +   — TREBLE +   — VOLUME +

3.5 mm mini jack - mini jack interconnect

USB Flash Drive

Smartphone, tablet, etc.

14

Hooking up the CD-Receiver

Note! Make sure that the Power Cable is disconnected from the CD-Receiver and the wall outlet.
Note! Make sure that external equipment which will be connected to the CD-Receiver is turned off.

Connecting DAB/FM Antenna
Note! The central pin of the connector in the supplied indoor DAB/FM antenna may be secured with a plastic cap - remove it before connecting the antenna. Otherwise the antenna may be damaged.
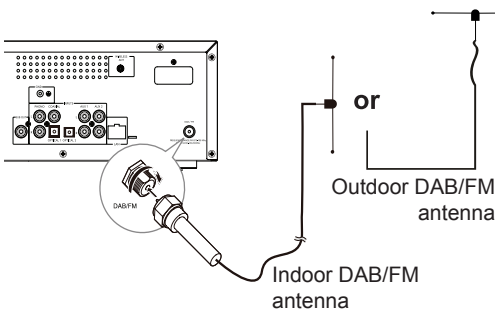
Connect the supplied indoor DAB/FM antenna to the DAB/FM Antenna Socket.
For better DAB/FM reception, we recommend using an outdoor DAB/FM antenna.
Note! Make sure the antenna is firmly installed - otherwise the signal reception may be unstable.
To avoid noises and distortions, keep the antenna away from the other cables in the system.

Outdoor DAB/FM antenna

Indoor DAB/FM antenna

Connecting the Wireless Antenna
Required for connecting to the Wireless Network (wi-fi) and *Bluetooth*®
Screw in the Wireless Antenna into the Wireless Antenna Socket.
Note! Make sure the antenna is securely and firmly installed – otherwise the wi-fi or
Bluetooth® connection may not be established or may be unstable.
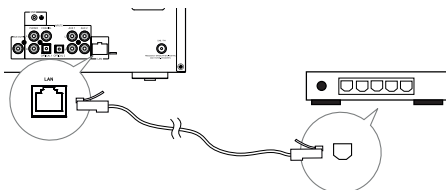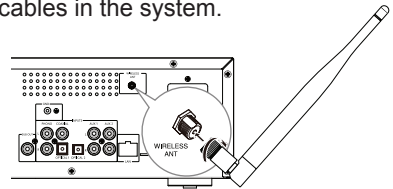
Connecting to the Wired Network (LAN)
Connect the CD-Receiver using an RJ45 Ethernet cable to your local network device (router etc.).
Note! Make sure you are using a shielded network cable.

Connecting a USB Flash Drive
If you want to play digital audio files connect a USB Flash Drive to the USB Port.
Make sure that this CD-Receiver supports the files you want to play.

Hooking up the CD-Receiver

Connecting Headphones

If you want to listen to music via headphones: using a cable terminated with a 6.35 mm (1/4') jack plug, connect the headphones to the PHONES output.

Connecting Speakers

Using speaker cables connect your speakers to the SPEAKERS OUT connectors.
Check "Hooking Up Speaker Cables" for more details.

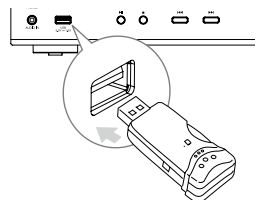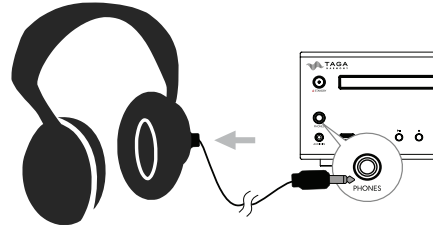> ⚠️ Only speakers within the range of impedance 4 - 8ohm may be connected to this CD-Receiver.
> Connecting speakers outside this range may damage this CD-Receiver and / or speakers.
> This may void your warranty.

Connecting an Active Subwoofer

If you want to add an active subwoofer to your system: using an RCA-RCA or Y-type subwoofer interconnect connect the subwoofer to the SUB OUT output.
Please refer to your subwoofer instruction manual for more information.

Connecting Audio Equipment With Built-In Analog Output

If you want to play music from audio source devices equipped with an analog output (CD player, Satellite tuner, Network streamer, Music player, Smartphone, Laptop etc.) choose the corresponding interconnect cables and connect the devices to the analog inputs (AUDIO IN, AUX 1, AUX 2).
Check "External audio equipment connection options" for more details.

Connecting a Turntable

If you want to play music from a turntable: using a Phono RCA-RCA interconnect connect the turntable to the PHONO input.
Screw in a ground cable of the turntable to the Phono Ground Screw (GND).
The PHONO input is only compatible with turntables equipped with the MM cartridge.
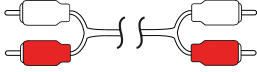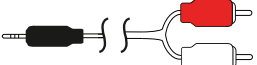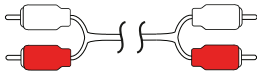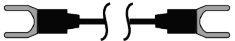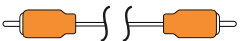
Connecting Audio Equipment With Built-In Digital Output

If you want to play a digital audio source (TV set, CD/DVD/Blu-ray player, video game console etc.) depending on a digital output your audio source is equipped with, connect it to one of digital inputs: OPTICAL 1, OPTICAL 2 or COAXIAL.
Use a digital optical cable for the OPTICAL input and a digital coaxial cable for the COAXIAL input.

External audio equipment connection options:

Signal	Input / Output HTR-1500CD	Input / Output external equipment	Connection cable
Analog	AUX1, AUX2 input	Output – RCA sockets	RCA-RCA interconnect (1 pair supplied)
	AUDIO IN input	Outputs: 3.5 mm (1/8') socket or RCA sockets	3.5 mm mini jack - mini jack interconnect (1 piece supplied) 3.5 mm mini jack - RCA interconnect (not supplied)
	PHONO (MM) input	Phono output RCA sockets Turntable (MM)	Phono RCA-RCA interconnect (not supplied)
	Phono Ground Screw	Phono ground	Ground cable (not supplied)
	SUB OUT output	Subwoofer inputs: SUB or L/R	RCA-RCA subwoofer interconnect (not supplied) Y-type subwoofer interconnect (not supplied)
Digital	OPTICAL input	Optical socket	Optical cable (not supplied)
	COAXIAL input	Coaxial socket	Coaxial cable (not supplied)

The sockets shown for external equipment and connection options may differ depending on the device.

Operation

Connecting to the Electrical Outlet
Plug the Power Cable to the CD-Receiver and
into the electrical outlet.
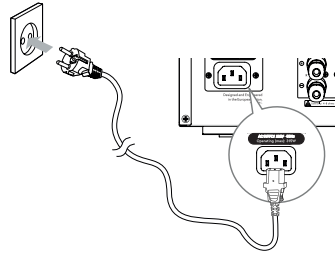
Your CD-Receiver is ready for operation.
Note! Check "Additional Information" for other useful operating instructions.

Display

In relation to the CD-Receiver features and operation, unless said otherwise, the square
brackets [ ] indicate that the information they contain will be displayed on the Display.

ECO-Power/Standby and Automatic Standby features

Switching ON / OFF
When you connect the CD-Receiver to the electrical outlet for the first time and when
switched on after a power failure, it will be in the Standby mode - [----:----] will be displayed.
• Press the ⏻ **Standby** or select any input on the remote controller to switch the
CD-Receiver on.
[TAGA HARMONY] will be displayed.
• [PREHEAT] will be displayed and 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.
[BYE BYE] will be displayed.

Switching the CD-Receiver to ECO Power/Standby mode
When the CD-Receiver is in one of the Standby modes (ECO Power or Normal) press and
hold the ⏻ **Standby** button for 2 seconds or more to switch between these modes.
• **ECO Power Standby mode**
After activating this mode, [ECO POWER] will be displayed and the ECO Power Standby
Mode Indicator will be illuminated.
Then the Display will be turned off. The Clock will not be displayed.
Press the CLOCK button to display the Clock (if set) for a short period of time.
• **Normal Standby mode**
After activating this mode, the ECO Power Standby Mode Indicator is not illuminated and
the following will be displayed: [----:----] - if the Clock is not set.
Time [hour:minute] - if the Clock is set.
After some time, the Display will be turned off and the CD-Receiver will automatically switch
to the ECO Power Standby mode.
Note! The power consumption in the Normal Standby mode is higher than in the ECO
Power Standby mode – check "Specifications" for more details.
Note! When switched off, the CD-Receiver will go to the Standby mode that was activated
before switching on.

Operation

Automatic Standby Mode
To save energy, the CD-Receiver will automatically switch to the Normal Standby mode and then after some time to the ECO Power Standby mode, in case:
- no buttons are pressed within approximately 15 minutes after the playback is stopped.
- the output sound is muted (MUTE) or the volume level is set to minimum (VOL MIN) for approximately 15 minutes.
Note! In some cases this feature may not be activated.

Setting the Clock

Setting the Clock Manually
Note! You can set the Clock in the Normal Standby mode only.
1. In the Standby mode, press and hold the **CLOCK** button to activate the Clock setting mode, [CLOCK SET] will be displayed, then the time format [24] or [12] will blink.
2. Set the 12/24 hour format using **VOL +/-**, ►I, I◄ on the remote controller, or **VOLUME** Regulator, ►►I, I◄◄ on the front panel.
3. Press the **CLOCK** button, the hour indicator will blink.
4. Set the hour using **VOL +/-**, ►I, I◄ on the remote controller, or **VOLUME** Regulator, ►►I, I◄◄ on the front panel.
5. Press the **CLOCK** button, the minute indicator will blink.
6. Set the minute using **VOL +/-**, ►I, I◄ on the remote controller, or **VOLUME** Regulator, ►►I, I◄◄ on the front panel.
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 within 10 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] will be displayed and the CD-Receiver will read the DAB/RDS time.
  » If no time signal is received, [NO CT] will be displayed.

Display the Clock
In any Input mode, press the **CLOCK** button to display the time for a few seconds.

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 (source) you want to play.
Sequence of changes via the **INPUT** knob: DAB → TUNER → BT MODE→ DISC → USB → AUDIO IN → AUX1 → AUX2 → PHONO → OPTICAL1 → OPTICAL2 → COAXIAL → NETWORK MODE

Operation

Multi-function buttons on the remote controller (FM/DAB, CD/USB, OPT 1/2, AUX 1/2 / PHONO, AUDIO IN / COAXIAL) - repeatedly press the button until the required input is selected.

Note! For some inputs, if the network connection is configured and active, playing the audio content from the connected audio source device will automatically switch the CD-Receiver from the active input to the NETWORK MODE input.

Certain audio inputs may also be selected from the Control Application - check "Control Application" for more details.

The selected input will be indicated on the Display.
Make sure the audio source is properly connected to the CD-Receiver and configured.

Sound Control

VOLUME regulation:
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.

Note! While regulating the volume, you may hear the sound accompanying the level changing (from the speakers, headphones or through the SUB OUT), this is a normal phenomenon.

⚠ Too high volume level may result in deterioration of sound quality and distortion, which may damage the CD-Receiver and / or speakers - this may void your warranty. If you hear distortion or notice that the speakers are not working normally, turn down the volume immediately.

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) - blinking [MUTING] will be displayed.
Press it again or use the volume regulation 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)
[POP] (pop)
[JAZZ] (jazz)
[ROCK] (rock)
[CLASSIC] (classic)

Note! The P-EQ function disengages the settings of the BASS / TREBLE regulation or the currently selected sound control function (LOUDNESS or S-BASS).
To switch off the P-EQ function, select one of sound control functions (LOUDNESS or S-BASS) or use the BASS / TREBLE regulation.

Operation

TREBLE regulation:
You can adjust treble output of the CD-Receiver in the range from -05 to +05.
The default is 0.
Front panel
Turn the knob counterclockwise (-) to decrease the amount of high frequencies.
Turn the knob clockwise (+) to increase the amount of high frequencies.
Remote controller
Press the BASS/TREBLE button to select this regulation.
Use the ►I, I◄ buttons to set the desired amount of high frequencies.
The current setting will be displayed.

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 or press the TREBLE button and use the ►I, I◄ buttons on the remote to switch off the selected sound control function and to restore the previous settings of the BASS/TREBLE regulation.

BASS regulation:
You can adjust bass output of the CD-Receiver in the range from -05 to +05.
The default is 0.
Front panel
Turn the knob counterclockwise (-) to decrease the amount of low frequencies.
Turn the knob clockwise (+) to increase the amount of low frequencies.
Remote controller
Press the **BASS / TREBLE** button to select this regulation.
Use the ►I, I◄ buttons or the volume regulation to set the desired amount of low frequencies.
The current setting will be displayed.

Note! When one of the sound control functions (P-EQ, LOUDNESS or S-BASS) is selected,the current setting of the BASS regulation will be disengaged. Turn the knob or press the **BASS** button and use the ►I, I◄ buttons on the remote to switch off the selected sound control function and to get back to the BASS regulations.

Operation

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 - [LOUDNESS ON] will be displayed.
To disengage the function, press the button until [OFF] is displayed.
Note! The LOUDNESS function disengages the settings of the BASS / TREBLE regulation or the currently selected sound control function (P-EQ or S-BASS).

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 – [S-Bass ON] will be displayed.
To disengage the function, press the button until [OFF] is displayed.
Note! The S-BASS function disengages the settings of the BASS / TREBLE regulation or the currently selected sound control function (P-EQ or LOUDNESS).

> ⚠ Using the P-EQ / BASS / TREBLE / LOUDNESS / S-BASS 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 are plugged to the headphone output (Phones) the transmission of sound to the speakers and the subwoofer is switched off.
The speakers and the subwoofer will be active again after disconnecting the headphones.
The volume of the headphones is regulated by the volume regulation.
All sound regulations (P-EQ / BASS / TREBLE / LOUDNESS / S-BASS) will affect the sound transmitted to the headphones.

> ⚠ Listening at high volume may cause hearing damage.

Operation

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.

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.
• National letters containing diacritical marks may not be displayed correctly.

Tuning in to a Station
1. Rotate the **INPUT** knob on the front panel or press the **FM/DAB** button on the remote controller to select the DAB input. [DAB] will be displayed.
   When you switch the CD-Receiver on for the first time, [SCANNING] will be displayed and the device will search for the first available station.
   If there is no signal, [NO DAB] will be displayed.
2. Select a station using one of the following methods:
• **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 CD-Receiver 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 10 or higher, press the 10+ button and one of the number buttons 0-9.
◦ If the preset number is 20 or higher, press the10+ button twice and one of the number buttons 0-9.
◦ If the preset number is 30, press the 10+ button three times and 0.

Program radio stations
• **Automatically**
   Press the **SCAN** button once to activate the Scanning mode.
◦ [SCANNING] will blink.
◦ All available stations will be programmed and stored.
◦ The first programmed radio station will be broadcasted automatically.
• **Manually**
1. Tune in 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 select a preset number for this radio station.
Note! If you select a number higher than 30, then the preset number will be changed to "1" automatically.

Operation

4.Press the **PROG** button again to store the station – [SAVED] will be displayed.

5.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.

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.
• National letters containing diacritical marks may not be displayed correctly.

Operation

Tuning in to a Station

1. Rotate the **INPUT** knob on the front panel or press the FM/DAB button on the remote controller to select the TUNER input. [TUNER] will be displayed.
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 approximately one second and then release, 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 CD-Receiver 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 10 or higher, press the 10+ button and one of the number buttons 0-9.
     ◦ If the preset number is 20, press the 10+ button twice and 0.

Program radio stations
- **Automatically**
  Press and hold the **PROG** button for 2 seconds or longer to activate the automatic Program mode.
  ◦ [AUTO Program] will be displayed.
  ◦ All available stations will be programmed and stored.
  ◦ The first programmed radio station will be broadcasted automatically.
- **Manually**
1. Tune in 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.
5. 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).

Operation

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

Playback Memory
The CD-Receiver stores the last position played on the CD disc and the playback will be continued from that point. To erase the playback memory stop the playback using the **STOP** button or use another CD disc.

CD Playing
1. Rotate the **INPUT** knob on the front panel or press the **CD/USB** button on the remote controller to select the DISC input. [DISC] will be displayed.
2. Press the ⏏ button to open the disc tray and place the CD disc on it (with the printed side up).
   Note! If the disc tray is not closed manually within approximately 60 seconds, it will close automatically.
3. Press the ⏏ button to close the disc tray, the player 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.

CD AUDIO Information
The following information is displayed:
- During playing - the current track and its elapsed playing time. Repeatedly press the **INFO** button to display single elapsed time or single remain time or total elapsed time or total remain time.
- In the Stop mode - the total number of tracks and the total time of the disc.
- In the Pause mode - the selected time will blink.

Operation

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 or use the number buttons. To select track number 12, directly press 1, 2 buttons etc.
Press and hold the I◄◄ / ►►I buttons on the front panel or ►► / ◄◄ buttons on the remote controller to search for the position that you intend to start playing.
Release to resume normal play.

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, [001 P--01] will be displayed.
3. Press the **ALB+/-** buttons to select a folder.
4. Press the I◄◄ / ►►I buttons on the front panel or **0-9, ►I / I◄** buttons on the remote controller to select the desired track number.
   • To select track number 12, directly press 1, 2 buttons etc.
5. Press the **PROG** button to confirm the track number to be stored.
6. Repeat steps 3-4 to select and store all desired tracks.
7. Press the ►II button to start the programme play.
8. Press the ■ button once to stop the programme play.
   Press the ■ button twice to clear the programme, [PRG CLR] will be displayed.

Repeat and shuffle play (CD disc)
• During playing - ONE/ALL Repeat Play and Shuffle Play can be set by pressing the **MODE** button.
   ◦ First press: to repeat the same track, [RPT ONE] will be displayed.
   ◦ Second press: to repeat all tracks on a disc, [RPT ALL] will be displayed.
   ◦ Third press: to play all tracks randomly (shuffle mode), [SHUF ON] will be displayed.
   ◦ Fourth press: to cancel the repeat or the shuffle mode, [RPT OFF] will be displayed.

MP3/WMA Disc Playing
Note! Correct MP3/WMA music playback from CD depends on the type and format of the disc and the condition of individual recordings.
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 press the [CD/USB] button on the remote controller to select the DISC input. [DISC] will be displayed.
2. Press the ▲ button to open the disc tray and place the MP3/WMA disc on it (with the printed side up).
   Note! If the disc tray is not closed manually within approximately 60 seconds, it will close automatically.
3. Press the ▲ button to close the disc tray, the player 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.

Operation

5. Press the ■ button to stop the disc playing.

CD MP3/WMA CD Information
The following information is displayed:
• During playing - the current file number and its elapsed playing time. Repeatedly press the **INFO** button to display the title, artist and album name (if they are available).
• In the Stop mode - the total number of folders and files.
• In the Pause mode – the file elapsed time will blink.
Note! For some content the information may be not available or maybe not accurate.

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 files on the disc or use the number buttons. To select file number 12, directly press 1, 2 buttons etc.
• Press and hold the I◄◄ / ►►I buttons on the front panel or ►► / ◄◄ buttons on the remote controller to search for the position that you intend to start playing. Release to resume normal play.

Programme Play
You can programme up to 20 files 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, [001 P--01] will be displayed.
3. Press the **ALB+/-** buttons to select a folder.
4. Press the I◄◄ / ►►I buttons on the front panel or **0-9, ►I / I◄** buttons on the remote controller to select the desired file number.
   • To select file number 12, directly press 1, 2 buttons etc.
5. Press the **PROG** button to confirm the file number to be stored.
6. Repeat steps 3-4 to select and store all desired files.
7. Press the ►II button to start the programme play.
8. Press the ■ button once to stop the programme play.
   Press the ■ button twice to clear the programme, [PRG CLR] will be displayed.

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 ►II button to start playing.

Repeat and shuffle play (MP3/WMA disc)
• During playing - ONE/ALL Repeat Play and Shuffle Play can be set by pressing the **MODE** button.
   ◦ First press: To repeat the same file, [RPT ONE] will be displayed.
   ◦ Second press: To repeat playing all files on a disc, [RPT ALL] will be displayed.
   ◦ Third press: to repeat a folder, [RPT ALB] will be displayed.
   ◦ Fourth press: to play all files randomly (shuffle mode), [SHUF ON] will be displayed.
   ◦ Fifth press: to cancel the repeat or the shuffle mode, [RPT OFF] will be displayed.

Play from a USB Flash Drive

⚠️ Maximum supported USB flash drive capacity is 64GB.
Not all USB flash drives may be compatible and supported.

Playback Memory
The CD-Receiver stores the last position played on the USB Flash Drive and the playback will be continued from that point. To erase the playback memory stop the playback using the ■ button or use another USB Flash Drive.

1. Insert a USB Flash Drive into the USB port.
2. Rotate the **INPUT** knob on the front panel or press the CD/USB button on the remote controller to select the USB input. [USB] and then [READING] will be displayed.
3. If supported file formats are found, the playback will start automatically.
4. During playing, press the ►II button to temporarily pause the playing, press the button again to continue playing.
5. Press the ■ button to stop playing.
   Press the ►II button to start playing.

USB Flash Drive Information
The following information is displayed:
• During playing - the file name, the current file number and its elapsed playing time. Repeatedly press the **INFO** button to display the title, artist and album name (if they are available).
• In the Stop mode - the total number of folders and files.
• In the Pause mode - the file elapsed time will blink.
Note! For some content the information may be not available or maybe not accurate.

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 files on the disc or use the number buttons. To select file number 12, directly press 1, 2 buttons etc.
• Press and hold the I◄◄ / ►►I buttons on the front panel or ►► / ◄◄ buttons on the remote controller to search for the position that you intend to start playing. Release to resume normal play.

Programme Play
You can programme up to 20 files to play in any desired order.
The USB Flash Drive must be inserted in the USB port.
1. Insert the USB Flash Drive and press the ■ button when it starts playing.
2. Press the **PROG** button, [001 P--01] will be displayed.
3. Press the **ALB+/-** buttons to select a folder.
4. Press the I◄◄ / ►►I buttons on the front panel or **0-9, ►I / I◄** buttons on the remote controller to select the desired file number.
   • To select file number 12, directly press 1, 2 buttons etc.
5. Press the **PROG** button to confirm the file number to be stored.
6. Repeat steps 3-4 to select and store all desired files.
7. Press the ►II button to start the programme play.
8. Press the ■ button once to stop the programme play.
   Press the ■ button twice to clear the programme, [PRG CLR] will be displayed.

Play from a USB Flash Drive

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 ►II button to start playing.

Repeat and shuffle play
- ONE/ALL Repeat Play and Shuffle Play can be set by pressing the MODE button.
- First press: To repeat the same file, [RPT ONE] will be displayed.
- Second press: To repeat playing all files, [RPT ALL] will be displayed.
- Third press: to repeat a folder, [RPT ALB] will be displayed.
- Fourth press: to play all files randomly (shuffle mode), [SHUF ON] will be displayed.
- Fifth press: to cancel the repeat or the shuffle mode, [RPT OFF] will be displayed.

⚠ Depending on the USB Flash Drive type, format and number or arrangements of folders and files some music files may be played in different order 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.

Play from a USB Flash Drive

Supported File Formats
The CD-Receiver can only play files in AAC-LC, APE, FLAC, MP3, WAV, WMA formats.
Note! Depending on the sampling rate (kHz), bitrate (kbps) and other parameters, some files in listed formats may not be played - for more information check product page on **www.TagaHarmony.com**. If a USB Flash Drive contains unsupported files then it may obstruct the CD-Receiver operation - make sure to remove such files.

Charging a Mobile Device via USB
To charge a mobile device use a USB cable and connect it to the USB port.

Charging is also available in both standby modes.

Note! Charging in the standby mode increases the energy consumption of the CD-Receiver.

> ⚠ The maximum current for USB charging is 5.0V 1.0A.

> ⚠ Some mobile devices may not be charged.

Play via *Bluetooth*®

Rotate the **INPUT** knob on the front panel or press the ⓑ button on the remote controller to select the BT input.
[BT MODE] and then [BT] will be displayed.

DEVICE NAME
The CD-Receiver **Bluetooth**® device name is "HTR-1500CD ####", where #### is 4 last hex digits of its unique MAC address.
The CD-Receiver MAC address can be found in the Control Application: Settings → Speaker Info.

PAIRING
1. As long as the same audio source device is being used with the CD-Receiver, pairing needs only to be done once.
2. If no audio source device is paired with the CD-Receiver then then [BT] will blink.
   - [BT] quickly blinking : the CD-Receiver is in the pairing mode.
   - [BT] slowly blinking : press the PAIRING (►II) button on the remote controller for 2 seconds or longer to enter the pairing mode. A voice prompt will be audible in speakers or headphones.
3. Activate and select **Bluetooth**® on your audio source device (smartphone, laptop etc.) and start scanning for available **Bluetooth**® devices.
4. After a short time "HTR-1500CD ####" will appear on the screen of your audio source.
5. Select "Pair" on your audio source device to connect with the CD-Receiver. After connection is successful [BT] stops blinking.
Note! For elder audio source devices, you may need to input "0000" as a pairing password.
Note! Some audio source devices may not be compatible.
6. The CD-Receiver will now be ready to play your music wirelessly within a range of approximately 5 meters. Start playback on your audio source device.

Play via *Bluetooth*®

CONTROL FROM THE CD-RECEIVER
You may control the playback on your audio source device and for basic functions from the CD-Receiver.
Note! Not all audio sources may be controlled by the CD-Receiver.
• To pause/resume play, press ►ll.
• To skip to a track, press l◄◄ / ►►l on the front panel or ►l / l◄ on the remote controller.

PAIRING HISTORY CLEARING
Select the Network input. [NETWORK MODE] will be displayed.
When in the [NETWORK MODE] press the ■ button for 8 seconds or longer to clear network (w-fi) and **Bluetooth**® connected history – [RESET] and % of operation progress will be displayed. A voice prompt will be audible in speakers or headphones.
Note! It resets all connections data, login data to streaming and Internet radio service and restores the default name of the device.

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-1500CD ####" device or connect to it then switch off, clear the pairing history and repeat the pairing procedure.

Play from Network

DEVICE NAME
The CD-Receiver network device name is "HTR-1500CD ####", where #### is 4 last hex digits of its unique MAC address.
The CD-Receiver MAC address can be found in the Control Application : Settings → Speaker Info.

NETWORK STATUS

STATUS	SHOWN ON THE DISPLAY
Not connected to the network	NO NET
Connected to the WIRELESS (wi-fi) network	WIFI
Connected to the WIRED (LAN) network	LAN

BEFORE BEGINNING
1. Download the Control Application for mobile devices - check "Control Application" for more details.
2. Make sure that your local network device (router, access point etc.) is connected to the Internet.
3. Hook-up the CD-Receiver to work with your local network device.
   Check „ Connecting the Wireless Antenna" for more details.
   Check „ Connecting to the Wired Network (LAN)" for more details.
Note! The CD-Receiver operates only in 2.4 GHz wireless networks.
4. Make sure to activate the following options in your audio source device setup (mobile devices and computers):

	Wi-fi	GPS	Bluetooth®
Mobile device	√	√ (required for the setup)	√
Computer	√ (not required for LAN)		√

5. Make sure that the audio source device and the CD-Receiver, and for mobile devices the Control Application as well, are in the same network.
6. Turn on the CD-Receiver and rotate the **INPUT** knob on the front panel or press the **NETWORK** button on the remote controller to select the Network input.
   [NETWORK MODE] will be displayed.
   If there is no network connection, [NO NET] will be displayed.

Play from Network

NETWORK CONFIGURATION
I. WIRELESS (wi-fi) CONNECTION CONFIGURATION (setup on mobile devices)

1. If the CD-Receiver is not in the Network Mode– select it (check point 6 in "BEFORE BEGINNING").
   The built-in wireless receiver is waiting to be configured.
2. Open the Control Application - the system will ask for your permission to use multimedia library and files, to find and connect to devices on your local network, to use your location (GPS), to use **Bluetooth®** – accept to continue.
   Note! The GPS use permission is required for the setup – once the setup is finished, you can disable it in the settings of your mobile device.
3. Application will start searching for compatible devices and when found will list out all devices available for setup – select the CD-Receiver you want to connect to.

Searching for your device
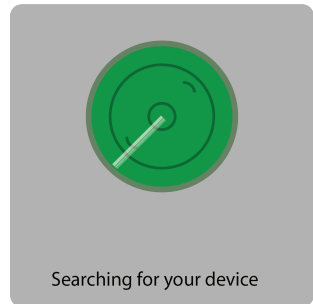
4. The Control Application will list out all networks available for connection – select the one you want to connect to.
5. Enter the password to the selected network.
6. Once the connection is set, the Control Application will automatically check for new updates.
7. You can change the name for the device by selecting from a list or entering your own.
8. The name of the device will be displayed in a list of added devices in the Control Application.
9. You can start streaming music.

Ia. If the Control Application cannot find a compatible device automatically
1. Tap on **Add Device**.

Add Device

2. The device setup screen will be displayed and **indicator is blinking** will be shown in the Application. Press the ■ button for 2 seconds or longer to re-enter the network connection configuration and after a while tap on **indicator is blinking**.

indicator is blinking
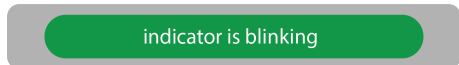
Play from Network

3. The Control Application will list out all devices available for setup - select the CD-Receiver you want to configure and tap on **Setup this device**.

> Setup this device
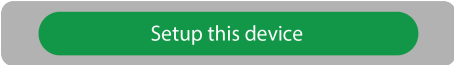
4. Continue with the steps provided in "WIRELESS (wi-fi) CONNECTION CONFIGURATION (setup on mobile devices)" starting from point 4.

Note!
- Operation and user interface may vary depending on the mobile device model, its operating system and application version.
- Your mobile device may ask for granting permission for the Control Application to access to different mobile device resources.
  Make sure to select the correct choices to avoid problems with the configuration.
- If you change the network password for the local network device (router etc.) then you must reset the current network connection and configure it one more time.
- Make sure the Wireless Antenna is securely and firmly installed, and that there are no objects placed between your local network device and the CD-Receiver obscuring the wireless signal which may result in unstable or no connection.
- Make sure that the Internet transfer speed is sufficient - too slow transfer may cause interruptions in playback of some content.

II. WIRED (LAN) CONNECTION CONFIGURATION (setup on mobile devices)

1. If the CD-Receiver is not in the Network Mode – select it (check point 6 in "BEFORE BEGINNING").
2. Open the Control Application - the system will ask for your permission to use multimedia library and files, to find and connect to devices on your local network, to use your location (GPS), to use **Bluetooth®** – accept to continue.
   Note! The GPS use permission is required for the setup – once the setup is finished, you can disable it in the settings of your mobile device.
3. Once the connection is set, the Control Application will automatically check for new updates.
4. You can change the name for the device by selecting from a list or entering your own.
5. The device name will be displayed in a list of added devices in the Control Application.
6. You can start streaming music.

ACTIVITY LED		INTERNET LED	
Status	Data	Status	Internet
Off	No	Off	No
Yellow(Blinking)	Yes	Green	Yes

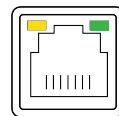**LAN**

Play from Network

Note!
- Operation and user interface may vary depending on the mobile device model, its operating system and application version.
- Your mobile device may ask for granting permission for the Control Application to access to different mobile device resources.
  Make sure to select the correct choices to avoid problems with the configuration.
- LAN connection has priority over the Wireless (wi-fi) connection.
- Make sure that the Internet transfer speed is sufficient - too slow transfer may cause interruptions in playback of some content.

CONTROL FROM THE CD-RECEIVER
You may control the playback on the Control Application and for basic functions from the CD-Receiver.
Note! The playback from some streaming services or media libraries may not be controlled by the CD-Receiver.
• To pause/resume play, press ►ll.
• To skip to a track, press l◄◄ / ►►l on the front panel or ►l / l◄ on the remote controller.

RECONFIGURING THE NETWORK CONNECTION [ONLY FOR WIFI]
When in the [NETWORK MODE] press the ■ button for 2 seconds or longer to re-enter the network connection configuration.
A voice prompt will be audible in speakers or headphones.

RESETTING THE NETWORK CONNECTION
When in the [NETWORK MODE] press the ■ button for 8 seconds or longer to clear the network (w-fi) and **Bluetooth**® connected history – [RESET] and % of operation progress will be displayed. A voice prompt will be audible in speakers or headphones.
Note! It resets all connections data, login data to streaming and Internet radio service and restores the default name of the device.

Control Application

This CD-Receiver may be controlled from a mobile device by third-party applications, such as for instance 4STREAM or WiiM Home, which are available on the
Apple App Store® and the Google Play® Store.

4STREAM

WiiM Home

APPLICATION OPTIONS
Note!
- Settings and operation in this manual are shown based on the 4STREAM application.
- Operation and user interface may vary depending on the mobile device model, its operating system, Control Application and its version.
- The application may not be available in your language, some options and descriptions may not be translated or incorrectly translated into your language.

Control Application

View after starting the Control Application

After the launch, the Control Application will start in the Device option.

Play / Pause All

Selected Device

Add Device

List of added Devices

Selected Device Bar

Main Options

Play All	Devices +
HTR-1500CD Living room	⊞
♫ No Music Select	
🔊 ●————— LR ⚙	
HTR-1500CD Kitchen	⊞
♫ No Music Select	
🔊 ●————— LR ⚙	
♫ HTR-1500CD Living room	▶

Browse   Device   Settings
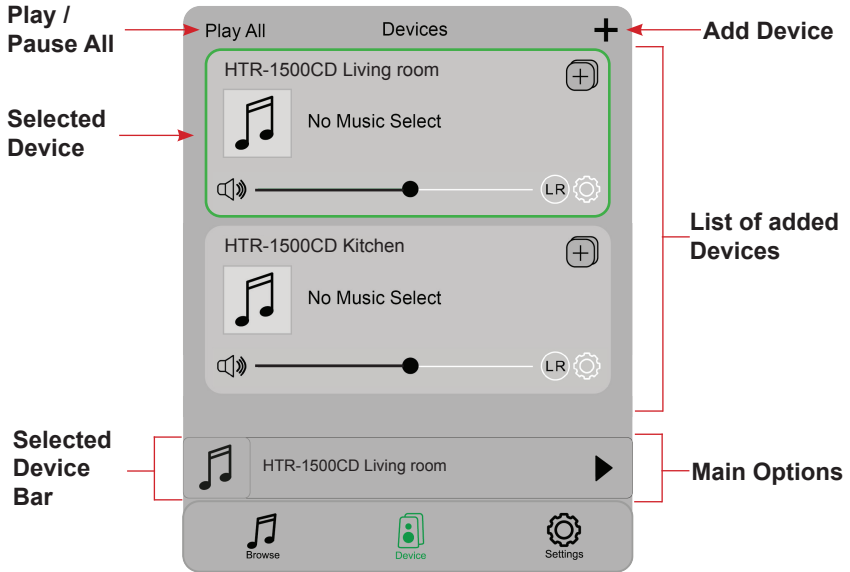
MAIN OPTION - DEVICE

Browse   Device   Settings

Top bar

Play / Pause All
Playback control for all devices.

Play All   Devices   +

Add Device
Adding a new Device to the list.

+ When adding a new device, follow the instructions for connecting to the Wireless (Wi-Fi) or Wired (LAN) network provided in „Play from Network''.

Control Application

List of all added streaming Devices.

HTR-1500CD Living room ⊕

♪ No Music Select

🔊 ———————●——————— LR ⚙

Add / Remove Device to Multiroom
You can group different devices into multiple rooms or zones.
For instance, your system consists of 4 streaming devices.
You can group devices 1,2 and 3 to play the same music
simultaneously, or group devices 1 and 2 as the zone A and
devices 3 and 4 as the zone B, and play different music in
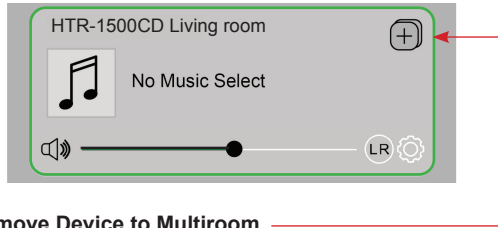these zones.

Add / Remove a Device to Multiroom
To add:
- Tap on the ⊕ icon of the device you want to be the Master device.
- A list of available devices will pop out and you can select the device you want to add
  as the Slave device.
- Tap on **Done** to confirm.

The gray tick icon represents the Master device and the green tick icon represents the
Slave device.

To remove:
- Tap on the ⊕ icon again to bring up the device list, and unselect a Slave device you
want to remove.
- Tap on **Done** to confirm.
Note! If all Slave devices are removed, the multiroom function will be disabled.

HTR-1500CD Living room
HTR-1500CD Kitchen
HTR-1500CD Tarrace ⊕

♪ Bluetooth �𝄜

Group Volume
🔊 ——————●—————— ∧

HTR-1500CD Living room
🔊 ——————●—————— LR ⚙   1 *Master*

HTR-1500CD Kitchen
🔊 ——————●—————— LR ⚙   2

HTR-1500CD Tarrace   *Slave*
🔊 ——————————●— R ⚙   3

♪ No Music Select

To play synchronized

HTR-1500CD Living room	✓
HTR-1500CD Kitchen	✅
HTR-1500CD Tarrace	✅
HTR-1500CD Bedroom	○

Control Application

Device Volume Level

HTR-1500CD Living room

Settings
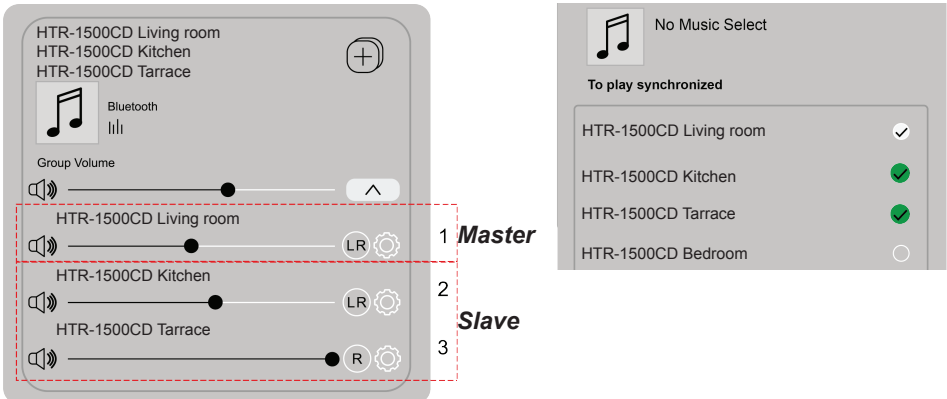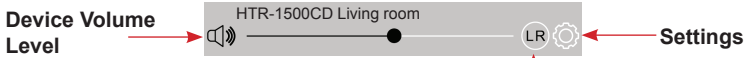
Left and Right Channel
You can configure playback according to below options:
LR - Stereo
L - Only the Left channel of the audio source device is output to both speakers
R - Only the Right channel of the audio source device is output to both speakers

⚠️ Distortion and sound quality worsening may occur when the volume level is too high.
It may damage your audio equipment and void the warranty.
When you hear distortion - lower the volume level.

Settings

HTR-1500CD Settings

Rename >
Speaker Info >
EQ >
Alarm Clock >
Preset Content >

Rename:
Change the device name.

EQ:
Equalizer function - availability and functionality varies on the Control Application.

Alarm Clock:
Setup up to 4 different alarm clocks with music of your choice.
Note! The alarm clock is not active when the CD-Receiver is turned off and not in the Network Mode.
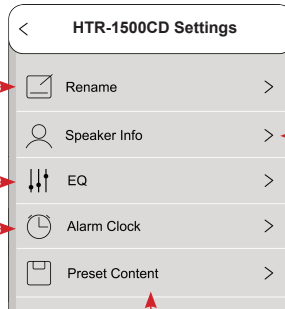
Preset Content:
10 Preset content buttons.

Speaker Info:
Display device information such as a wi-fi status, wi-fi strength, IP an MAC address, SSID, firmware version and **restore factory settings** [resets all connections data, login data to streaming and Internet radio services, restores the default name of the device, etc.], etc.

Operation bar for the Selected Device (available in all main option views)

Tap to open the playback information screen and available features during playback.
Note! Certain features may be different or not available for selected services.

Cover (if available)

HTR-1500CD Living room

Play / Pause

Device Name and Playing Content

Control Application

Track progress bar

Information

Volume Level

00:00   -00:00

No Music Select

···
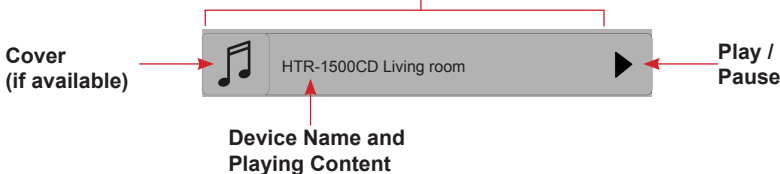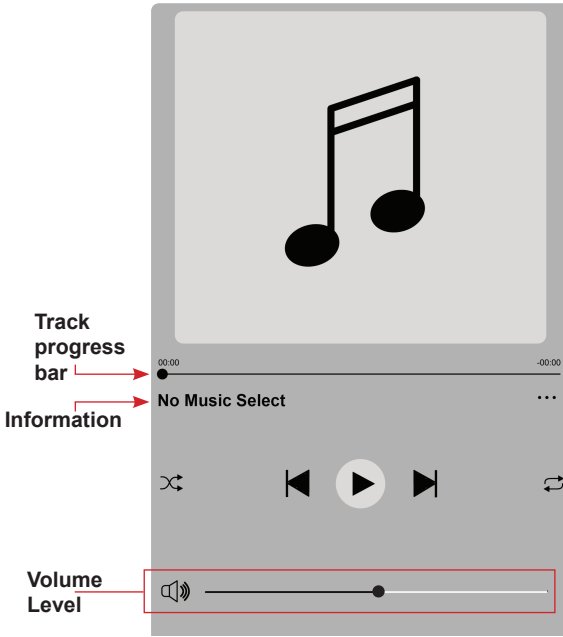
1 Preset

Add / Remove from favorites

Add to playlist

Alarm

Sleep Timer
countdown to turn off the playback

Equalizer function (EQ)
Availability and functionality varies on the Control Application.

00:00   -00:00

No Music Select

···
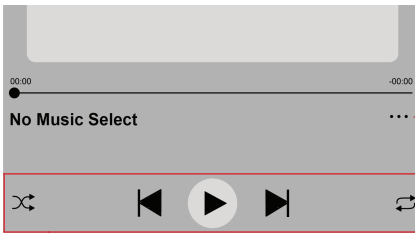
Repeat All

Repeat the song

Random playback

Skip backward / forward

Playlist and Add to Presets Content

Play / Pause playback

Stop playback

Previous / Next track

Control Application

🎵 Browse   🔊 Device   ⚙️ Settings

Preset

Preset Content
10 Preset content buttons.

<	**Preset Content**	
Preset **Favorite** playlist for easy access		

Access your favorite music by pressing the preset buttons on the remote control or device.
HTR-1500CD

1	2	3
mp3	Empty	Empty

My library

Favorites
Quick access to your favorite playlists on your mobile device.
You can preset up to 10 favorite playlists on the application for easy access.
Note! Playlists are accessible only from the application.

My Music
Playback of music stored on your mobile device. Playback of music stored on a NAS drive on your network. My Playlists and Recently Played songs.
Note!
- Only NAS drives with the DLNA feature are supported.
- Some content may be protected which will prevent from playing it.

<	My Music	
📱	Phone 58 Songs	>
💾	Home Music Share 5 Numbers	>
🎵	My Playlists 0 Number	>
🕐	Recently Played 1 Song	>
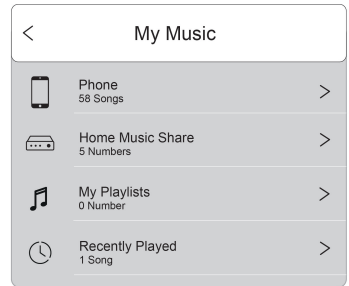
Music service

List of added Streaming and Internet Radio Services
Note!
- It may be required to register an account on a service provider platform in order to use their online streaming service.
- Some streaming services and internet radio may require paid subscription.
- Some streaming services and internet radio may not be available in your country.
- Internet access is required.
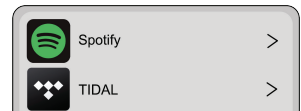
🟢 Spotify	>
✦ TIDAL	>

Spotify connect
Use your phone, tablet or computer as a remote control for Spotify.

Go to **spotify.com/connect** to learn how.

🟢 **Spotify** 🔊

Control Application

Manage Music services
Add more or remove selected streaming and Internet radio services.

Select source on Device

The Control Application allows to select one of the following inputs (sources) : WiFi (Network Mode), Bluetooth (BT Mode), Line-IN (AUX1), Radio (Tuner), AUX (AUX2), Optical (Optical1), CO-AXIAL (Coaxial), Phono, Optical2.
Other inputs (sources) selection may also be available. However, the Control Application is universal and supports various devices, that is why, the names of the inputs in the Control Application may not coincide with those available in the CD-Receiver.
We recommend using the input selection directly on the CD-Receiver or its remote controller.

MAIN OPTION – SETTINGS

Control Application version and sending feedback to the app developer.

Firmware Update

When the new firmware is released, you will be notified by an arrow icon shown following the device name in the Control Application.
Tap on the icon to install the firmware.
It's recommended to update the firmware each time it is available.
Note! The update is only for the network functionality of the CD-Receiver.

Play from a computer

There are several methods and computer programs compatible with this product which allow to play music from local storage, media library and online services.
Make sure that the CD-Receiver is connected to the Internet and the network connection is configured - check „Play from Network" for more details.

You can use a freeware PC music player for Windows® to play files using UPnP protocol, for instance "foobar2000".
1. Download "foobar2000" from https://www.foobar2000.org/ and install it.
2. Install the UPnP component in the Preferences → Components
   Follow the installation instructions.
3. After restarting the Foobar2000, choose this CD-Receiver in the
   Preferences → Playback → Output → Device

Setting the Sleep Timer

When the CD-Receiver is turned on, repeatedly press the **SLEEP/TIMER** button to select a set period of time (in minutes): 120, 90, 60, 45, 30, 15.
When the Sleep Timer is activated, the sleep time will be displayed for 3 seconds.
Note! When the Sleep Timer is activated, press the **SLEEP/TIMER** button to display the time.

To deactivate the Sleep Timer
Press the **SLEEP/TIMER** button repeatedly until [SLEEP OFF] will be displayed.

Setting the Alarm Timer

The CD-Receiver can be used as an alarm timer (clock) for the following inputs: DISC, USB, TUNER, DAB.
Note!
* Setting the Alarm Timer is only available in the Normal Standby Mode.
* Make sure that you have set the Clock correctly.
1. In the Normal Standby mode, press and hold the **SLEEP/TIMER** button, until [TIMER SET] scrolls and the input will be displayed, e.g. DISC.
2. Using **VOL +/-**, ►I, I◄ on the remote controller, or **VOLUME** Regulator, ►►I, I◄◄ on the front panel to select an input.
3. Press the **SLEEP/TIMER** button, the hour indicator will blink.
4. Repeat steps 2-3 to set the hour, minute and adjust the volume.
   Note! After the CD-Receiver is activated by the Alarm Timer, the volume level will be gradually increased until it reaches the set level.
   Adjusting the volume regulation manually will stop increasing.

Note!
• To exit the Alarm Timer setting mode without storing, press the ■ button.
• If no button is pressed in 10 seconds, the CD-Receiver exits the Clock setting mode automatically.
• If the the CD or USB input is selected, and no disc or a 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 **SLEEP/TIMER** button to activate or deactivate the Alarm Timer.
• If the Alarm Timer is activated, [ALM] and time will be displayed.
• If the Alarm Timer is deactivated, [ALM OFF] will be 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 1-2 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.

Additional Information

. . . .

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).

Handling of CD discs
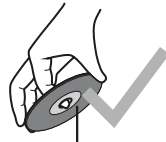
Playback side

- 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, benzine, 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.

Trademarks and Software Notice

All trademarks and trade names used in this manual are those of their respective owners.

- *Bluetooth® is a registered trademark of Bluetooth SIG, Inc.*
- Windows® is a registered trademark of Microsoft Corporation in the United States and / or other countries.
- The Spotify software is subject to third party licenses found here: https://www.spotify.com/connect/third-party-licenses
- TIDAL and TIDAL logo are registered trademark of Aspiro AB in the European Union and other countries.
- Apple Store® is a trademark of Apple Inc., registered in the U.S. and other countries and regions.
- Google Play and the Google Play logo are trademarks of Google LLC.

Third-party applications and software recommended in this manual are provided for your convenience only and should be used at your own risk.
TAGA Harmony does not provide technical support for third party software and does not guarantee their proper operation.

Kit Content:

CD-Receiver	1 EA
Remote Controller (1 battery included)	1 EA
DAB/FM Antenna	1 EA
Wireless Antenna	1 EA
Power Cable	1 EA
RCA-RCA interconnect	1 PAIR
3.5 mm mini jack - mini jack interconnect	1 EA
Instruction Manual	1 EA

Specifications

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.

Specifications

Vacuum tubes	2 x ECC83 PSVANE Classic Series
Power output / impedance	2 x 60W RMS 8ohm 2 x 120W RMS 4ohm
DA converter	MS4344 [audio decode: up to 192kHz/24bit] – for network AP1064 [audio decode: up to 192kHz/16bit and up to 96kHz/24bit] – for optical and coaxial digital inputs.
Network features	Wi-Fi 802.11 b/g/n 2.4GHz RJ45 Ethernet DLNA, UPnP support Supported audio formats: AAC, APE, FLAC, MP3, WAV, WMA
Streaming services	Spotify Connect, Tidal Connect
Internet radio	Yes
Multiroom	Up to 10 zones (devices) via the mobile app
Control applications and software	Available on the Apple App Store® and the Google Play® Store: 4STREAM, WiiM Home For computers: Foobar2000 and other programs supporting DLNA and UPnP.
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+ DAB/FM antenna impedance: 75ohm
Wireless connectivity	**Bluetooth®** 5.1 (SBC codec) Frequency Range: 2402 - 2480MHz Max EIRP: 4.6dBm **Wi-Fi** Frequency Range: 2412 - 2472MHz Max EIRP power transmitted: 18.30dBm **Antenna** Dipole Max antenna gain: 1.7dBi
Digital inputs	USB (AAC-LC, APE, FLAC, MP3, WAV, WMA)* * parameters of compatible formats available on the product web page Optical 1, Optical 2, Coaxial

Specifications

Analog inputs	AUX 1, AUX 2 Stereo Jack 3.5mm (front panel) Phono (MM): • Input impedance: 47kohm / 47pF • Gain: 60dB • Input voltage: 100mV • THD: <0.1% (output 1K 1W) • SNR: 70dB (output)
Analog outputs	Subwoofer (frequency: 20 - 300Hz)
Headphone output	Impedance: 32ohm Output power: <10mW, 32ohm
Frequency response	30Hz - 20KHz (>-6dB)
Total Harmonic Distortions	≤1% (1K, 1W)
Signal/Noise ratio	>50dB
AC power / Power consumption	230V~50Hz Power consumption: 75W Power consumption ECO Standby Mode: <0.5W Power consumption Normal Standby Mode: <4W Operating (max): 315W
Charging	Via USB Port: max. 5.0V 1.0A
Dimensions (H x W x D)	11.9 x 43 x 35.3 cm
Weight	9.2 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.

	RF Radiation Exposure Statement
⚠	This equipment complies with radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

EU declaration of conformity

CE	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) & 1275/2008/EC (ErP) & 2015/863/EU (RoHS) The full text of the EU declaration of conformity is available from the manufacturer.

Disposal of the product

	Disposal of old electrical & electronic equipment **(applicable in the European Union and other countries with separate collection systems)**
	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.
	Disposal of waste batteries **(applicable in the European Union and other countries with separate collection systems)**
	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.