

7202-023800200

**TEAC**

# CR-H260i

**CD Receiver**  
**OWNER'S MANUAL**  
**MODE D'EMPLOI**  
**MANUAL DEL USUARIO**

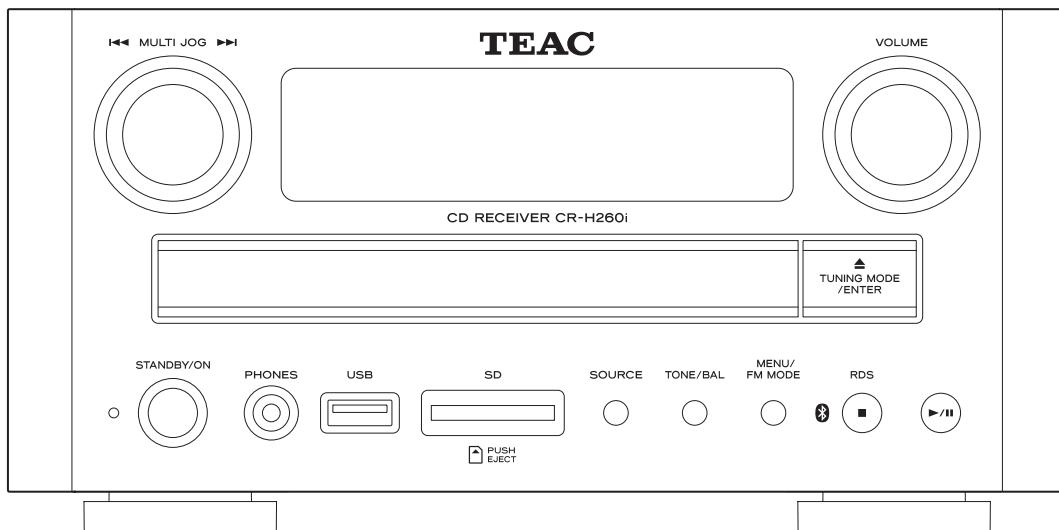
ENGLISH

FRANÇAIS

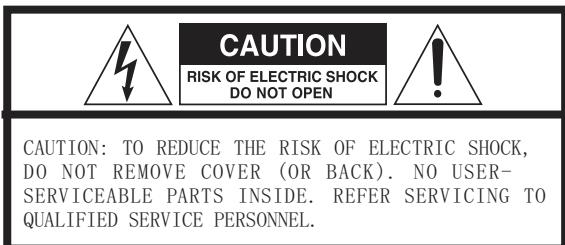
ESPAÑOL



Made for  
iPod iPhone iPad



## IMPORTANT SAFETY PRECAUTIONS



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

The lightning flash with arrowhead in an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that could be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point in an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

### CAUTION

✓ DO NOT REMOVE EXTERNAL CASES OR CABINETS TO EXPOSE THE ELECTRONICS. NO USER SERVICEABLE PARTS ARE WITHIN!

✓ IF YOU ARE EXPERIENCING PROBLEMS WITH THIS PRODUCT, CONTACT TEAC FOR A SERVICE REFERRAL. DO NOT USE THE PRODUCT UNTIL IT HAS BEEN REPAIRED.

✓ USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN

COULD RESULT IN HAZARDOUS RADIATION EXPOSURE.

IN NORTH AMERICA USE ONLY ON 120 V SUPPLY.

For U. S. A.

This equipment complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device may not cause interference and 2) This device must accept any interference, including interference that may cause undesired operation of the device. Information to the user:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the equipment and/or the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body

### CAUTION

Changes or modifications to this equipment not expressly approved by TEAC CORPORATION for compliance will void the user's warranty.

### IC STATEMENT

This device complies with Industry Canada licence-exempt RSS standard(s).

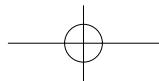
Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

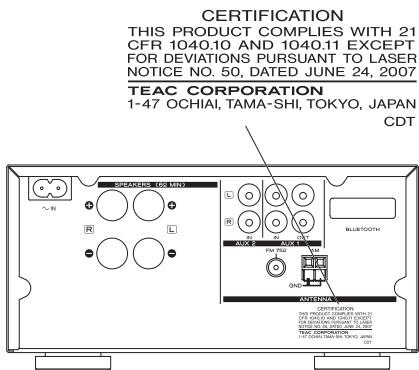
This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.



This product has been designed and manufactured according to FDA regulations "title 21, CFR, chapter 1, sub-chapter J, based on the Radiation Control for Health and Safety Act of 1968", and is classified as class I laser product. There is not hazardous invisible laser radiation during operation because invisible laser radiation emitted inside of this product is completely confined in the protective housings. The label required in this regulation is as follows:

For U.S.A.



#### Laser:

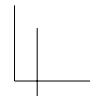
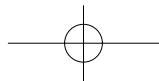
Type: SF-P101N  
Manufacturer: Sanyo Electric Co.,LTD  
Laser output: Less than 1 mW on the objective lens  
Wavelength:  $790\pm30\text{nm}$

Type: EP-C101  
Manufacturer: Ever Bright Teachnolog and Science Electronical Co.,LTD  
Laser output: Less than 0.3 mW  
Wavelength:  $790\pm25\text{nm}$

#### ⚠ Precautions concerning batteries

Misuse of batteries could cause them to rupture or leak leading to fire, injury or the staining of nearby things. Please read and observe the following precautions carefully.

- Be sure to insert the batteries with correct positive (+) and negative (-) orientations.
- Use batteries of the same type. Never use different types of batteries together.
- If the remote control is not used for a long time (more than a month), remove the batteries to prevent them from leaking.
- If the batteries leak, wipe away the leakage inside the battery compartment and replace the batteries with new ones.
- Do not use batteries of types other than those specified. Do not mix new batteries with old ones or use different types of batteries together.
- Do not heat or disassemble batteries. Never throw batteries into fire or water.
- Do not carry or store batteries with other metallic objects. The batteries could short circuit, leak or explode.
- Never recharge a battery unless it is confirmed to be a rechargeable type.



## IMPORTANT SAFETY INSTRUCTIONS

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.  

- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- The apparatus draws nominal non-operating power from the AC outlet with its POWER or STANDBY/ON switch not in the ON position.
- The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- Caution should be taken when using earphones or headphones with the product because excessive sound pressure (volume) from earphones or headphones can cause hearing loss.

### CAUTION

- Do not expose this apparatus to drips or splashes.
- Do not place any objects filled with liquids, such as vases, on the apparatus.
- Do not install this apparatus in a confined space such as a book case or similar unit.
- The apparatus should be located close enough to the AC outlet so that you can easily reach the power cord plug at any time.
- If the product uses batteries (including a battery pack or installed batteries), they should not be exposed to sunshine, fire or excessive heat.
- CAUTION for products that use replaceable lithium batteries: there is danger of explosion if a battery is replaced with an incorrect type of battery. Replace only with the same or equivalent type.

iPad, iPhone, iPod, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.

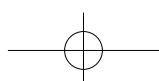
MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.

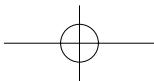
This product is protected by certain intellectual property rights of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft.

SDHC Logo is a trademark of SD-3C, LLC.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by TEAC is under license.

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## For European Customers

### Disposal of electrical and electronic equipment

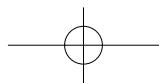
- (a) All electrical and electronic equipment should be disposed of separately from the municipal waste stream via collection facilities designated by the government or local authorities.
- (b) By disposing of electrical and electronic equipment correctly, you will help save valuable resources and prevent any potential negative effects on human health and the environment.
- (c) Improper disposal of waste electrical and electronic equipment can have serious effects on the environment and human health because of the presence of hazardous substances in the equipment.
- (d) The Waste Electrical and Electronic Equipment (WEEE) symbol, which shows a wheeled bin that has been crossed out, indicates that electrical and electronic equipment must be collected and disposed of separately from household waste.
- (e) Return and collection systems are available to end users. For more detailed information about the disposal of old electrical and electronic equipment, please contact your city office, waste disposal service or the shop where you purchased the equipment.



### Disposal of batteries and/or accumulators

- (a) Waste batteries and/or accumulators should be disposed of separately from the municipal waste stream via collection facilities designated by the government or local authorities.
- (b) By disposing of waste batteries and/or accumulators correctly, you will help save valuable resources and prevent any potential negative effects on human health and the environment.
- (c) Improper disposal of waste batteries and/or accumulators can have serious effects on the environment and human health because of the presence of hazardous substances in them.
- (d) The WEEE symbol, which shows a wheeled bin that has been crossed out, indicates that batteries and/or accumulators must be collected and disposed of separately from household waste.  
If a battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg), and/or cadmium (Cd) as defined in the Battery Directive (2006/66/EC), then the chemical symbols for those elements will be indicated beneath the WEEE symbol.
- (e) Return and collection systems are available to end users. For more detailed information about the disposal of waste batteries and/or accumulators, please contact your city office, waste disposal service or the shop where you purchased them.





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## Before use

### What's in the box

Check to be sure the box includes all the supplied accessories shown below.

Please contact the store where you purchased this unit if any of these accessories are missing or have been damaged during transportation.

**Power cord × 1**

**Remote control unit (RC-1307) × 1**

**Batteries for remote control unit (AAA) × 2**

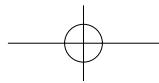
**AM loop antenna × 1**

**FM antenna × 1**

**Owner's manual (this document) × 1**

● Keep this manual in a safe place for future reference.

**Warranty card × 1**



## CAUTION

Read this before attempting any operations.

- Avoid placing the unit in direct sunlight or close to any source of heat, such as a radiator, heater, open fireplace or amplifier. Also avoid locations that are subject to vibrations or exposed to excessive dust, cold or moisture.
- This unit consumes energy when in standby.
- Place the unit in a stable location near the audio system that you will use.
- Be careful to avoid injury when moving the unit due to its weight. Get someone to help you if necessary.
- The voltage supplied to the unit should match the voltage as printed on the rear panel. If you are in any doubt regarding this matter, consult an electrician.
- As the unit could become warm during operation, always leave sufficient space around it for ventilation. When placing this unit, position it so that it is at least 20 cm (8") from walls and other devices in order to allow good heat dissipation. When installing it in a rack, leave at least 15 cm (6") open above the unit and 10 cm (4") open behind it. DO NOT place anything, not even CDs, CD-Rs, LP records or cassette tapes, on top of the unit.
- Do not open the body of the unit as this might result in damage to the circuitry or cause electric shock. If a foreign object should get into the unit, contact your dealer or TEAC service company.
- When removing the power plug from the wall outlet, always pull directly on the plug; never yank on the cord.
- Depending on the electromagnetic waves of television broadcasts, interference might appear on television screens when this unit's power is on. This does not indicate that this unit or the TV is malfunctioning. If this occurs, turn this unit's power off.

### DO NOT MOVE THE UNIT DURING PLAYBACK

During playback, the disc rotates at high speed. Do not lift or move the unit during playback. Doing so may damage the disc or the unit.

### WHEN MOVING THIS UNIT

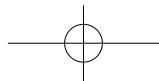
Always remove the disc before relocating or moving this unit. Moving the unit with a disc inside could cause a malfunction.

## Maintenance

If the surface of the unit gets dirty, wipe it with a soft cloth or use diluted mild liquid soap. Allow the surface of the unit to dry completely before using.

- ⚠ For safety, disconnect the power cord from the socket before cleaning.
- Never spray liquid directly on this unit.
- Do not use thinner or alcohol as they could damage the surface of the unit.
- Avoid allowing rubber or plastic materials to touch this product for long periods of time, because they could damage the cabinet.

ENGLISH



## Compact discs

### Audio CDs

**CDs that bear the "COMPACT disc DIGITAL AUDIO" logo (12 cm/4.7")**



**CD-R and CD-RW discs that have been correctly recorded in the audio CD format and finalized, as well as finalized CD-R and CD-RW discs that contain MP3 or WMA files, can be played by this unit.**

**⚠ Playback of any other disc type could result in an unpleasant loud noise, damage to the speakers as well as potential harm to your hearing. Never play back any other type of disc.**

- The logo should be on the disc label or the CD jacket.
- Depending on disc quality and recording conditions, playback of some discs might not be possible. Please see the manual for the device that you used to create the disc.
- Video DVDs, audio DVDs, Video CDs, DVD-ROMs, CD-ROMs and similar types of discs cannot be played on this unit.
- Copy-protected discs, dual-layer discs and other discs that do not conform to the CD standard might not play correctly in this player. If you use such discs in this unit, TEAC and its subsidiaries will not be responsible for any consequences or guarantee the quality of reproduction. If you experience problems with such non-standard discs, you should contact their issuers.

### CD-R/CD-RW discs

This unit can play back CD-R and CD-RW discs that have been recorded in the audio CD format (CD-DA) and the MP3 or WMA format.

- Discs created by a CD recorder must be finalized with the CD recorder that was used to create the discs before being used with this unit.
- Depending on disc quality and recording conditions, playback of some discs might not be possible. Please see the manual for the device that you used to create the disc.
- If you are uncertain about the handling of a CD-R or CD-RW disc, please contact the seller of the disc directly.

### Handling precautions

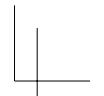
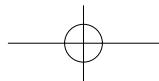
- Always insert the disc into the disc tray with the label side up. Only one side of a Compact Disc can be played or used for recording.
- To remove a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.



How to remove the disc



How to hold the disc



## Storage precautions

- Discs should be returned to their cases after use to avoid dust and scratches that could cause the laser pickup to "skip."
- Do not expose discs to direct sunlight or high temperature and humidity for extended periods. Long exposure to high temperatures will warp discs.
- CD-R and CD-RW discs are more sensitive to the effects of heat and ultraviolet rays than ordinary CDs. It is important that they are not stored in locations where they will be exposed to direct sunlight. They should also be kept away from sources of heat, such as radiators and heat-generating electrical devices.
- Dirt on discs can lower the sound quality, so clean them and always store them in a clean state.

## Maintenance

- If a disc becomes dirty, wipe its surface radially from the center hole outward towards the outer edge with a soft, dry cloth.



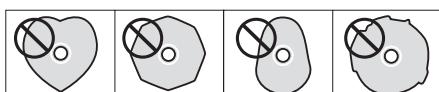
- Never clean discs using chemicals such as record sprays, antistatic sprays and fluids, and thinner. Such chemicals will do irreparable damage to the disc's plastic surface.

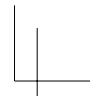
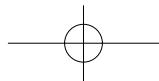
If you are in any doubt as to the care and handling of a disc, read the precautions supplied with the disc or contact the disc manufacturer.

ENGLISH

## CAUTION

- Do not play any disc that is warped, deformed or damaged. Playing such discs could cause irreparable harm to the playing mechanisms.
- While printable CD-R and CD-RW discs utilizing modern printing technologies are generally acceptable, older systems that use adhesives to attach paper type labels to the disc surface are not recommended.
- Do not stick paper or protective sheets on discs and do not use any protective coating sprays.
- Never use a stabilizer. Using commercially available CD stabilizers with this unit will damage the mechanisms and cause them to malfunction.
- Do not use irregularly shaped discs (octagonal, heart-shaped, business card size, etc.). Such CDs could damage the unit.





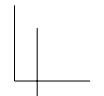
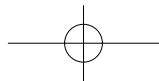
## MP3/WMA files

This unit can play MP3 and WMA files that are on CD-R/CD-RW discs, SD cards, and external USB flash drives\*. See the manual for the software that you are using when you create an MP3 or WMA file using a PC.

\*The USB port on this unit only supports USB flash drives (also known as "thumb drives" and "jump drives"). It does not support standard USB hard drives.

- For file names and ID3 tag information, the display of this unit can only show single-byte alphanumeric characters. If the file information uses Japanese, Chinese or other double-byte characters, playback is possible but the name will not be shown correctly.
- Always include the extension in the file name. This unit recognizes MP3 files by their ".mp3" file extensions or WMA files by their ".wma" file extensions.
- Files without extensions cannot be played. Files that are not in the MP3 or WMA format cannot be played even if they have ".mp3" or ".wma" file extensions.
- This unit can play back mono and stereo MP3 files that are in the MPEG-1 Audio Layer 3 format with a sampling rate of 44.1 or 48 kHz and a bit rate of 320 kbps or less.

- This unit can play back WMA files with a sampling rate of 44.1 kHz and a bit rate of 192 kbps or less.
- Variable bit rate files might not play back correctly.
- Unfinalized CD-R/RW discs cannot be played with this unit. Finalize such a disc in the CD recorder you used to create the disc and try again.
- CDs that are not recorded in ISO 9660 format cannot be played with this unit.
- The maximum number of playable files and folders are 999 and 255 respectively. If the media has more than 999 files or 255 folders, this unit cannot play any file in a folder that is 256th or later or any file that is the 1000th or later in a folder.
- This unit is not compatible with discs that have been recorded using multiple sessions. Only the first session can be played back.
- Depending on disc conditions, this unit might not be able to play a disc or skipping might occur.
- Copyright-protected audio files cannot be played with this unit.



## Using the remote control

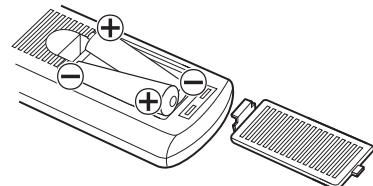
### Precautions for use

**⚠ Misuse of batteries could cause them to rupture or leak leading to fire, injury or the staining of items nearby. Please carefully read and observe the precautions on page 3.**

- Point the remote control unit at the main unit's remote sensor from within 5 meters (16 feet) of it. Make sure that there are no obstructions between the remote control and the main unit.
- If direct sunlight or strong artificial illumination shines on the remote sensor, the remote control might not function. If that is the case, move this unit to another location.
- If the remote control unit is operated near other devices that generate infrared rays, or if other remote control devices using infrared rays are used near the unit, it might operate incorrectly. The other devices might also operate incorrectly.

### Battery installation

Remove the cover from the back of the remote control and insert two AAA batteries with their  $+$ / $-$  ends oriented in the case as shown. Replace the cover.

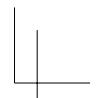
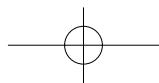


ENGLISH

### Battery replacement

If the operation range of the remote control decreases, the batteries have become exhausted. In this case, replace the batteries with new ones.

For detailed information about the collection of batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.



## Using an iPod/iPhone/iPad

### Compatible iPod/iPhone/iPad models

This unit can be connected to and used with the following iPod/iPhone/iPad models.

**iPod nano (2nd, 3rd, 4th, 5th and 6th generations)**

**iPod touch (1st, 2nd, 3rd and 4th generations)**

**iPhone 4S, iPhone 4, iPhone 3GS, iPhone 3G**

**iPad (3rd generation), iPad 2, iPad**

- You cannot transmit the iPod/iPhone/iPad video signal through this unit.
- To connect an iPod/iPhone/iPad to this unit's USB port, use the USB cable provided with the iPod/iPhone/iPad.

### iPod/iPhone/iPad software

If the unit or remote control buttons do not work properly with your iPod/iPhone/iPad, updating its software might solve the problem.

Download the latest software for your iPod/iPhone/iPad from the following Apple website.

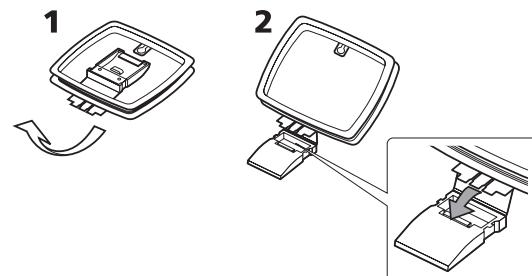
<http://www.apple.com/downloads/>

## Connecting antennas

### AM antennas

#### AM indoor loop antenna

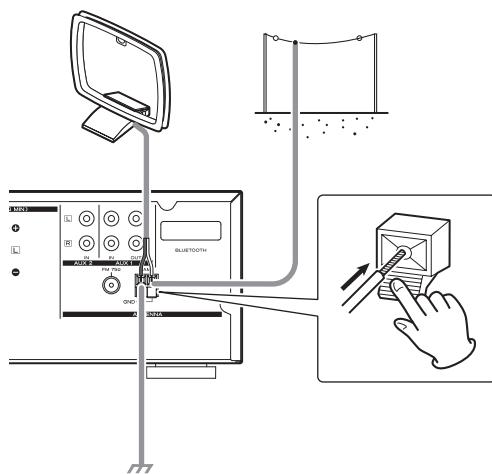
To stand the loop antenna on a surface, insert the claw into the slot in the antenna base. Connect the loop antenna's wires to the AM antenna terminals.



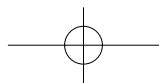
Make sure to connect the black wire to the GND terminal. Place the antenna on a shelf or hang it on a window frame, for example, in the direction that gives the best reception. Keep all other wires such as power cords, speaker wires or interconnect cables as far away from the antenna as possible.

#### AM outdoor antenna

In an area where AM radio signals are weak, stretch a 6-15m insulated antenna wire horizontally by a window or outdoors, and connect it to the AM antenna connector (not the GND terminal).



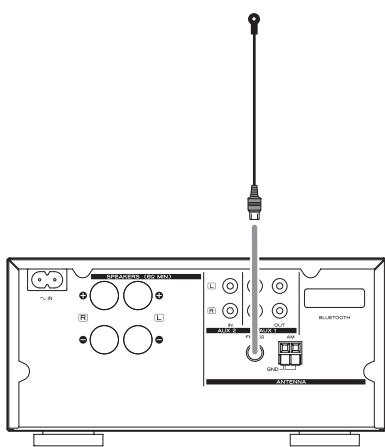
- When using an outdoor antenna, always connect a grounding wire to the GND terminal.
- Leave the included AM loop antenna connected even when also using a connected outdoor antenna.



## FM antennas

### FM indoor antenna

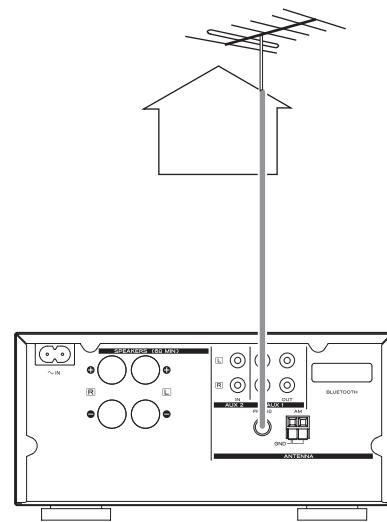
Connect the included FM antenna to the FM antenna connector on the rear panel and extend the antenna. Fix the antenna to a window frame, wall or other position that improves reception the most.



### FM outdoor antenna

In an area where FM radio signals are weak, use a three-element outdoor antenna (commercially available), and use a  $75\ \Omega$  coaxial cable to connect it.

In an area where radio signals are particularly weak, use a five-element antenna.



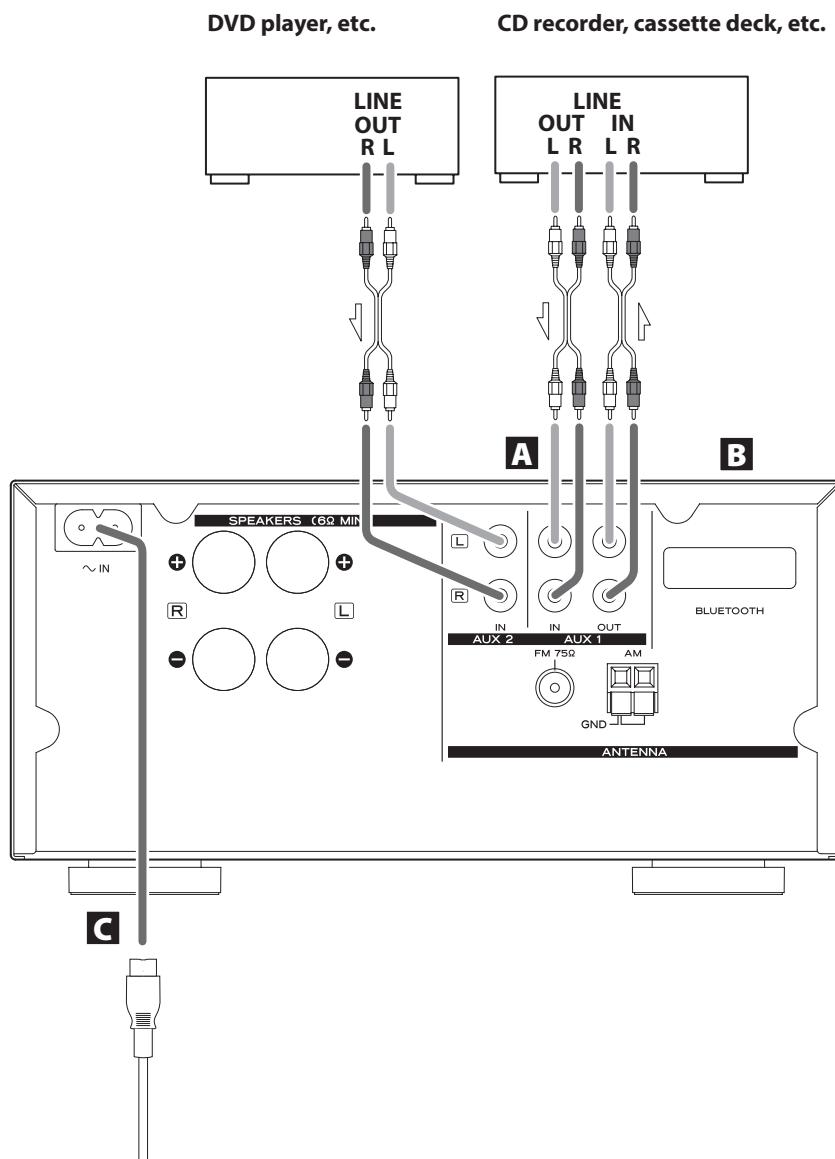
ENGLISH

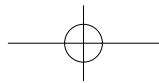
- Disconnect the FM indoor antenna when using an outdoor antenna.

## Making connections (1)

### ⚠ Precautions when making connections

- Complete all other connections before connecting power plugs to power outlets.
- Read the owner's manuals of all devices that will be connected, and follow their instructions.
- Do not bundle connecting cables with power cords. Doing so could cause noise.





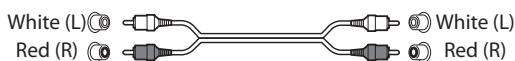
## A Analog audio input/output jacks

### [AUX1/AUX2]

Use to input/output analog audio signals.

Connect this unit's input and output jacks to the output and input jacks of other devices using commercially available audio cables.

- Connect an audio cable's white pin plug to the white (L) jack and connect its red pin plug to the red (R) jack.



- Be sure to insert each plug securely. To prevent humming and interference, avoid bundling the signal interconnection cables together with the AC power cord or speaker cables.

## B Bluetooth antenna (Bluetooth)

This is used for communication with other Bluetooth devices.

## C Power cord

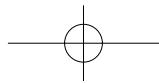
After all connections are complete, connect the power cord's plug to the AC wall socket.

- If you do not expect to use this unit for a long period of time, unplug the power cord from the wall outlet.

### ⚠ CAUTION

- Be sure to connect the power cord to an AC outlet that supplies the correct voltage.
- Hold the power plug when plugging it into an outlet or unplugging it. Never pull or yank on the power cord.

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## Making connections (2)

### Connecting Bluetooth devices

You can use this unit to listen wirelessly to music playing back on Bluetooth-enabled devices. Bluetooth devices must first be paired to enable communication between them. Follow these procedures to pair this unit with another device.

- You will also need to operate the other Bluetooth device in order to pair it with this unit. Read the owner's manual of that device for instructions about how to use it.

#### 1 Press the SOURCE button repeatedly to select "Bluetooth".

- When using the remote control, press its Bluetooth button.

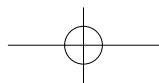
#### 2 Enable Bluetooth communication on the other Bluetooth device.

- If using an iOS device, open its Settings application, select the General category and then set the Bluetooth item to ON.

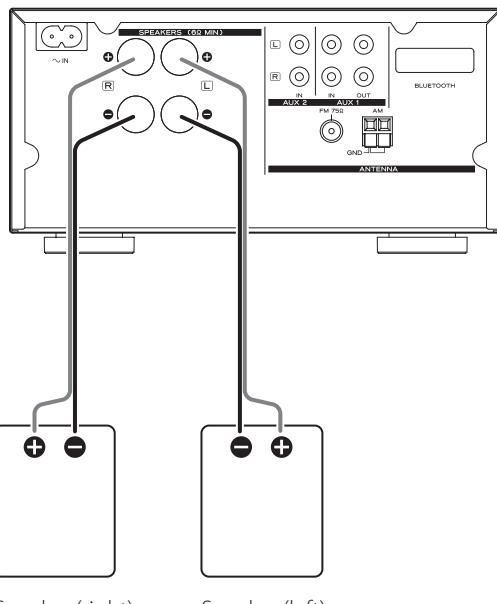
#### 3 Select "CR-H260i" (this unit) from any other Bluetooth devices shown to connect them.

After successfully connecting them, "Connected" will appear on the display.

- If no external Bluetooth device is successfully connected after one minute, "Not Connected" will appear on the display.
- If another Bluetooth device has been successfully connected before, the unit will automatically try to connect to that device again.
- If you want to connect a Bluetooth device other than the one that was connected previously, press and hold the STOP (■) button for at least 2 seconds to put the unit into pairing mode.
- Three minutes after connection fails, the unit will automatically stop powering its Bluetooth transmitter and enter energy-saving mode.
- To try connecting again, press and hold the STOP (■) button for at least 2 seconds.



## Speaker connections



Speaker (right)

Speaker (left)

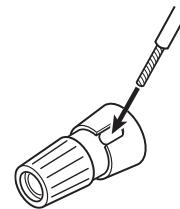
Connect speakers to this unit using commercially-available speaker cables.

- The black speaker terminals are  $\ominus$  (negative). Generally, the  $\oplus$  wire of the speaker cable is marked to make it distinguishable from the  $\ominus$  wire of the cable. Connect this marked wire to the red  $\oplus$  terminal and the unmarked wire to the black  $\ominus$  terminal.
- Check the impedance of your speakers. Connect speakers with an impedance of 6 ohms or more.
- If the exposed end of a core wire in a speaker cable contacts another cable or terminal, a short could occur. Do not allow this to happen.
- To avoid noise, do not bundle the speaker cables with the power cord or other cables.

### Connecting speaker cables

- 1 Turn the terminal cap counterclockwise to loosen it.

- 2 Insert the wire into the terminal and turn the terminal cap clockwise to securely connect it.



- 3 Make sure it is fastened firmly by pulling the cable lightly.

### Connecting speakers using banana plugs

You can also connect speakers using commercially available banana plugs. Connect the speaker cable to the banana plug first, and then insert the plug into the terminal.

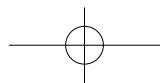
- Be sure to loosen the terminal cap before using the banana plug.
- Carefully read the instructions of the banana plugs that you intend to use with this unit.



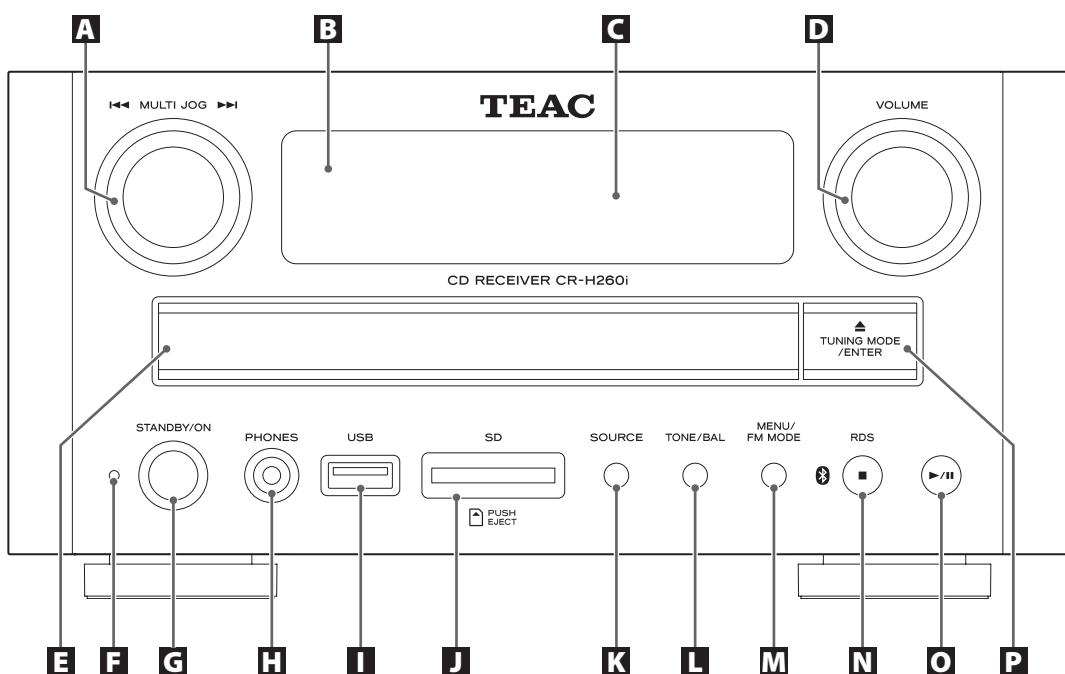
### For European customers

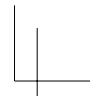
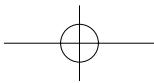
In accordance with European safety regulations, it is not possible to connect banana plugs to the speaker terminals on European models. The holes into which banana plugs are inserted have been covered with black caps. Connect the speakers using spades or bare wires. If the black caps become separated from the terminals, return them to their original position.

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## Names and functions of parts (main unit)



**A MULTI JOG knob**

In CD/USB/SD mode, use this knob to skip to the previous or next track or file (page 33).  
In iPod mode, use this knob to scroll up and down the menu.  
In TUNER modes, use this knob to tune to stations or select preset stations (page 38).  
After pressing the TONE/BAL button, turn this knob to adjust bass, treble and balance (page 24).

**B Remote control signal receiver**

When using the remote control, point it toward this receiver panel.

**C Display****D VOLUME knob**

Use this knob to adjust the volume.

**E Disc tray****F STANDBY/ON indicator**

The standby indicator lights orange when in standby and turns off when the unit is on.

**G STANDBY/ON button**

Press this button to turn the unit on or put it in standby mode.

- If there is no playback signal from the selected input source and this unit is not operated for 30 minutes, this unit will enter standby mode (page 23).

**H PHONES jack**

Connect headphones with a standard 3.5 mm (1/8") stereo plug here.  
● In iPod mode, no sound is output from the PHONES jack.

**I USB port**

Connect an iPod/iPhone/iPad or USB flash drive here.

**J SD memory card slot**

Insert an SD memory card here.

**K SOURCE button**

Use this button to select the source.

**L TONE/BAL button**

Use this button with the MULTI JOG knob to adjust bass, treble and balance.

**M MENU/FM MODE button**

In iPod mode, use this button to go back to the previous menu.  
In TUNER FM mode, use this button to select stereo or mono.

**N STOP [■], RDS (For Europe)****STOP [■] (For North America)**

In CD/USB/SD mode, use this button to stop playback.  
In TUNER FM mode, use this button to select an RDS mode. (Only for Europe)  
To enter Bluetooth pairing mode, press and hold this button for at least 2 seconds.

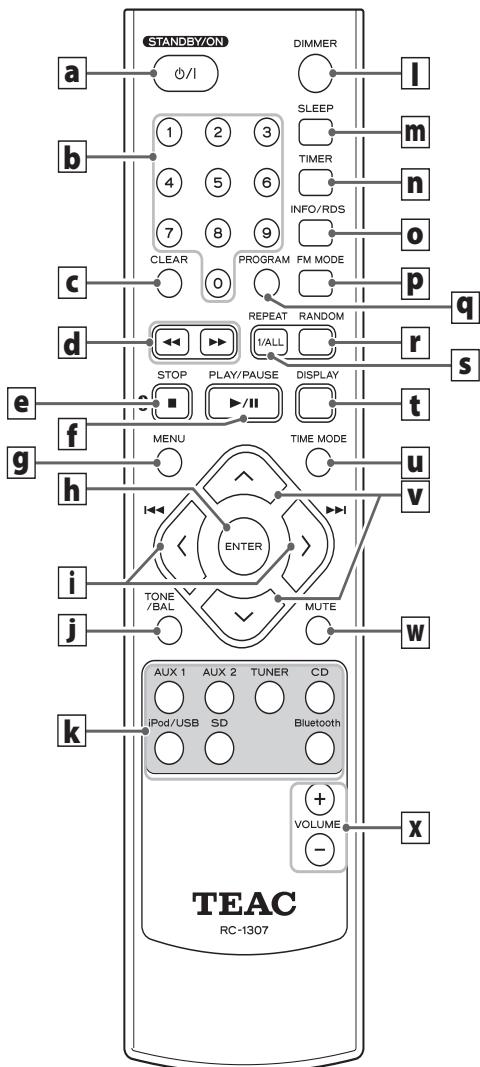
**O Play/Pause [▶/■]**

In CD/USB/SD/iPod mode, use this button to start or pause playback.

**P Open/Close [▲], TUNING MODE/ENTER button**

In CD mode, use this button to open and close the disc tray.  
In iPod mode, use this button to confirm selections in menus.  
In TUNER mode, use this button to select the tuning mode (page 38).  
While setting the timer or the clock, use this button to confirm the setting.

## Names and functions of parts (remote control) (1)



When both the main unit and the remote control have buttons with the same functions, this manual explains how to use either of them. The corresponding buttons can be used in the same manner.

### a STANDBY/ON button [∅/I]

Press this button to turn the unit on or put it in standby mode.

### b Number buttons

In CD/USB/SD mode, use these buttons to select a track/file number. For detailed information about selecting a track or file with the number buttons, see page 34.

In TUNER mode, use these buttons to select preset stations.

### c CLEAR button

In CD/USB/SD mode, use this button to clear the track or file number you are entering.

### d Search buttons [◀◀/▶▶]

In CD/USB/SD/iPod mode, use these buttons to search for a point in a track, file or song.

In TUNER mode, press and hold either of the buttons to start auto-tuning.

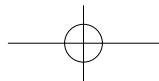
### e STOP button [■■■]

In CD/USB/SD mode, use this button to stop playback. To enter Bluetooth pairing mode, press and hold this button for at least 2 seconds.

- This button does not function in iPod mode.

### f PLAY/PAUSE button [▶/■■]

In CD/USB/SD/iPod mode, use this button to start or pause playback.



### **[g] MENU button**

In iPod mode, use this button to return to the previous menu.

### **[h] ENTER button**

In CD/USB/SD mode, use this button to confirm selection of a track or file.

In iPod mode, use this button to confirm selections in menus.

### **[i] Cursor buttons [⟨⟩]**

While setting the clock or the timer, use these buttons to select the item to be set.

#### **Skip buttons [|◀◀|/|▶▶|]**

In CD/USB/SD/iPod mode, use these buttons to skip to the previous or next track or file.

In TUNER mode, use these buttons to select preset stations.

### **[j] TONE/BAL button**

Use this button with the Scroll buttons (↖/↗) to adjust bass, treble and balance.

### **[k] Source buttons [AUX 1 AUX 2, TUNER, CD, USB, SD, iPod]**

Use these buttons to select sources.

Press the TUNER button again to switch between TUNER AM and TUNER FM.

### **[l] DIMMER button**

Use this button to change the brightness of the display (page 24).

### **[m] SLEEP button**

Use this button to set the sleep timer (page 25).

### **[n] TIMER button**

Use this button to turn the sleep timer on and off (page 46).

### **[o] INFO/RDS (Only for Europe)**

In TUNER FM mode, use this button to select an RDS mode.

Please ignore "INFO" on the remote control unit.  
(INFO function does not work on this unit.)

● This button does not work at all on the North American model.

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### **[p] FM MODE button**

In TUNER FM mode, use this button to switch between stereo and mono (page 39).

### **[q] PROGRAM button**

When playback is stopped in CD/USB/SD CARD mode, use this button to enter program mode.

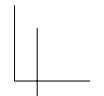
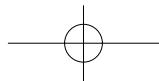
In TUNER mode, use this button to enter preset mode.

### **[r] RANDOM button**

In CD/USB/SD/iPod mode, use this button to start random playback.

Continued on the next page ➔

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## Names and functions of parts (RC) (2)

### **s** REPEAT 1/ALL button

In CD/USB/SD/iPod mode, use this button to set the repeat playback mode (page 37).

### **t** DISPLAY button

In CD/USB/SD mode, use this button to change the information shown on the display during playback.

### **u** TIME MODE button

Use this button with the Scroll buttons (↖/↗) to set the timer (page 46).

### **v** Scroll buttons [↖/↗]

In CD/USB/SD mode, use these buttons to select a folder (MP3/WMA only).

When in TUNER mode, use these to change the frequency received.

Press and hold for at least one second to start automatic station tuning.

When setting the clock or the timer, use these to change the time or number of minutes.

After pressing the TONE/BAL button, use these buttons to adjust bass, treble and balance.

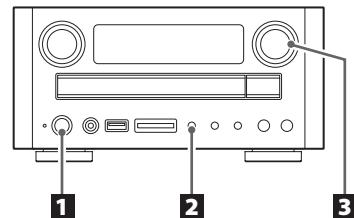
### **w** MUTE button

Use this button to temporarily mute the sound (page 24).

### **x** VOLUME buttons [+/-]

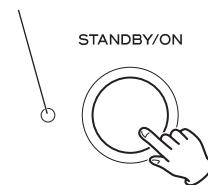
Use these buttons to adjust the volume. The "+" button increases and the "-" button decreases the volume.

## Basic operation (1)



### **1** Press the STANDBY/ON button to turn the unit on.

#### Standby indicator



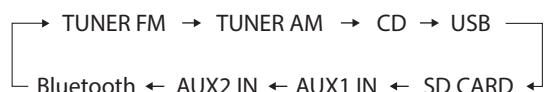
The standby indicator lights orange when in standby and turns off when the unit is on.

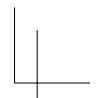
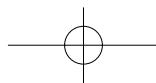
### **2** Press the SOURCE button repeatedly to cycle through the source options.

#### SOURCE

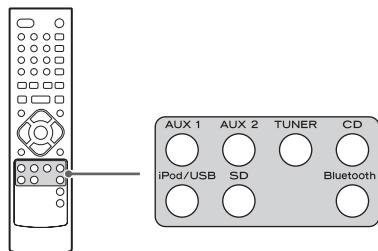


Each time you press the SOURCE button, the source setting changes as follows:

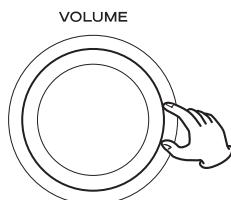




- To listen to an external source connected to an AUX IN jack, select the corresponding "AUX 1 IN" or "AUX 2 IN" setting.
- If the source is set to USB when an iPod/iPhone/iPad is connected to the USB port, "USB" will appear on the display until the unit recognizes the iPod/iPhone/iPad, then "iPod" will appear on the display.
- You can also select a source you want to listen to by pressing the corresponding source button on the remote control (AUX1, AUX2, TUNER, CD, iPod/USB, SD or Bluetooth).



- 3 Play the source, and gradually turn the volume up to the desired level by turning the VOLUME knob.**



## Automatic standby

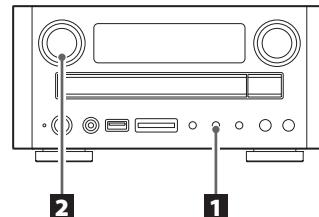
In order to reduce power consumption, if there is no playback signal from the selected input source and this unit is not operated for 30 minutes, this unit will enter standby mode.

The unit will not enter standby mode automatically, however, if any of the following input sources are selected.

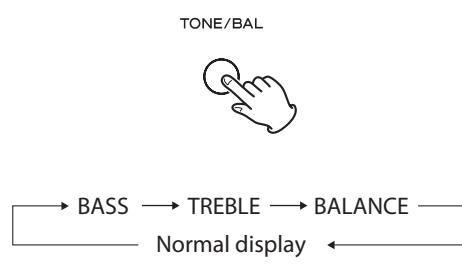
- TUNER FM
  - TUNER AM
  - Bluetooth (when connected to another Bluetooth device)
- Even if Bluetooth is selected as the input source, if no other Bluetooth device is connected to the unit (paired), the unit will automatically enter standby mode if it is not operated for 30 minutes.

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## Adjusting the tone and balance

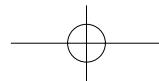


- 1 Press the TONE/BAL button to cycle through the items that can be adjusted.**



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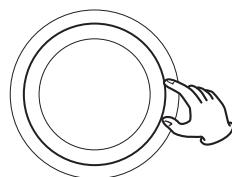
**23**



## Basic operation (2)

- 2** Within 3 seconds, turn the MULTI JOG knob to adjust the setting.

◀◀ MULTI JOG ▶▶



- 3** Wait for 3 seconds after adjusting the item to finish setting it.

- To adjust another item, press the TONE/BAL button again to select the item and adjust it within 3 seconds.

### Available items and settings

#### BASS

Adjusts the level of low frequency sounds.  
The level can be set between “-10” and “+10”.

BASS 0

#### TREBLE

Adjusts the level of high frequency sounds.  
The level can be set between “-10” and “+10”.

TREBLE 0

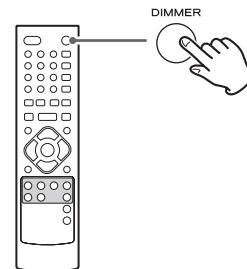
#### BALANCE

Adjusts the balance of the volume level between the left and right speakers.  
The level can be set between “L +16” and “R +16”.

BALANCE CENTER

### Dimmer

You can dim the brightness of the display.  
When the dimmer is turned on, “DIMMER ON” appears on the display briefly and the display darkens.

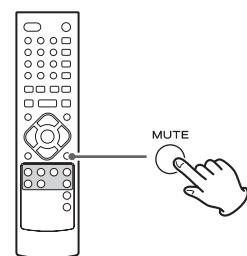


DIMMER ON

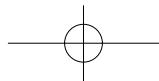
- This dimmer is turned off when the unit is turned off.

### Muting the output

To mute the sound temporarily, press the MUTE button.  
Press the MUTE button again to restore the sound.



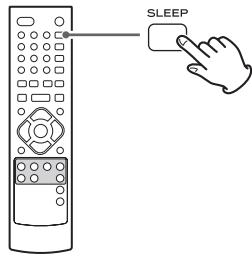
- When the sound is muted, “MUTE” appears on the display.
- If you change the volume when the sound is muted, muting will be cancelled.
- If you change the source when the sound is muted, muting will be canceled.



## Sleep timer

The power can be set to turn off after a specified amount of time.

Press the SLEEP button repeatedly until the desired setting appears on the display.



### SLEEP 90 (60, 30, 20, 10)

The power will turn off 90 (60, 30, 20,10) minutes later.

### SLEEP OFF

The sleep timer is not active.

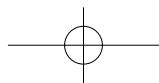
- The display is dimmed when the sleep timer is active.
- Press the SLEEP button once to check the remaining time. The remaining time will be shown for 3 seconds, then the display will return to normal.

## Connecting headphones

To listen with headphones, first reduce the volume level to the minimum. Then, insert the headphones plug into the PHONES jack and adjust the volume using the VOLUME knob. No sound will be output from the speakers while headphones are connected.



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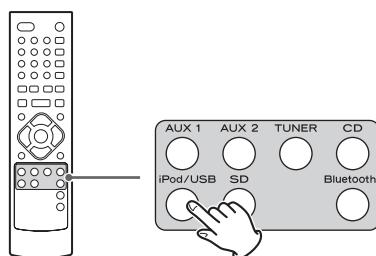


## Listening to an iPod

Before starting iPod playback, read "Using an iPod/iPhone/iPad" on page 12.

The following explanations refer to an iPod, but they also apply to use with an iPhone or iPad.

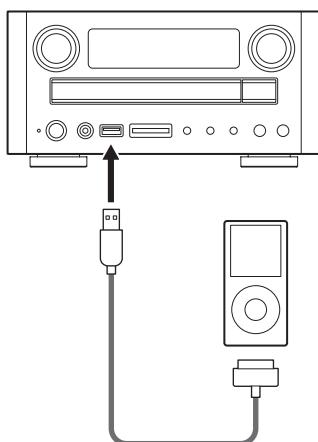
### 1 Press the iPod/USB button on the remote control unit.



If no iPod is connected to this unit's USB port, "Not Connected" will appear on the display.

If an iPod has already been connected, playback will start.

### 2 Connect the iPod to the USB port.



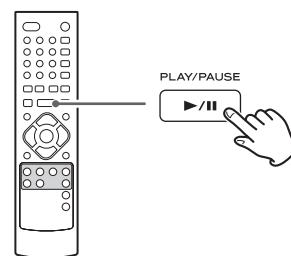
"Reading" will appear on the display followed briefly by "Direct Mode". After this message disappears, "iPod" appears.

The iPod automatically turns on and starts playback from its music list.

- Use the USB cable provided with the iPod to connect it to this unit's USB port.

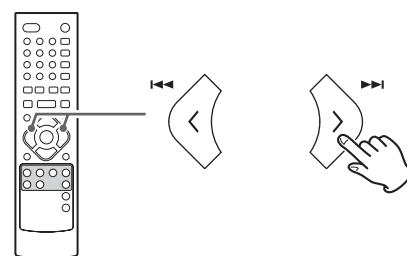
- The iPod's battery will be recharged when it is connected and this unit is turned on. Charging will stop once the iPod is fully charged. It will not be charged when this unit is in standby mode.
- In iPod mode, the STOP button (■) does not function.
- When in iPod mode, no sound is output from this unit's headphones jack.
- After connecting the iPod to this unit, if you connect headphones to the iPod, no sound will be output from this unit.

### Pausing playback



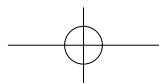
During playback, press the PLAY/PAUSE button (▶/■) to pause playback. To resume playback, press the PLAY/PAUSE button (▶/■) again.

### Searching for the desired track/file

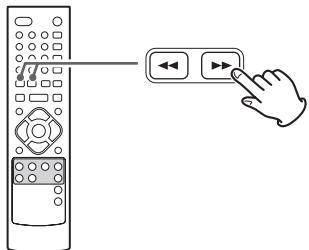


When playing back or paused, press the Skip button (◀◀/▶▶) repeatedly until the desired song is found.

- If the ▶▶ button is pressed during playback, the song being played will be played from the beginning.

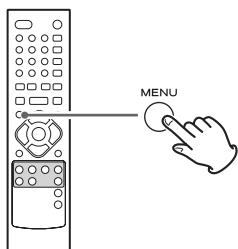


## Searching for a part of a track/file



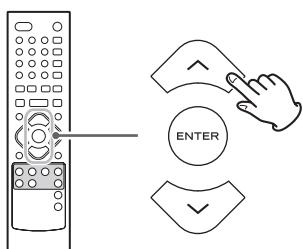
During playback, press and hold a Search button (◀◀/▶▶) to search forward or backward in the track or file. Release the button when you find the part you want to hear. Playback starts from that point.

## Returning to the previous menu



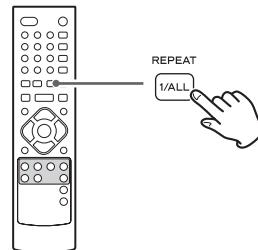
Press the MENU button to go back to the previous menu.

## Selecting a menu item



Use the remote control's Scroll buttons (↑/↓) to select a menu item and press the ENTER button.

## Repeat playback



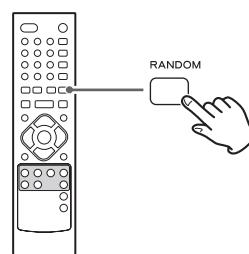
Press the REPEAT 1/ALL button to cycle through the iPod's repeat modes as follows:



- If the iPod is set to repeat one song, the icon appears on the display of the iPod.
- If the iPod is set to repeat all songs, the icon appears on the display of the iPod.

ENGLISH

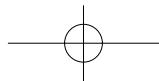
## Shuffle playback



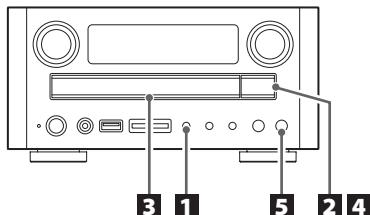
During playback, press the RANDOM button to change the shuffle mode. Each time the RANDOM button is pressed, the shuffle mode is changed as follows:



- If the iPod is set to either of the shuffle modes, the icon will appear on the iPod's display.



## Listening to a CD



### 1 Press the SOURCE button repeatedly to select "CD".

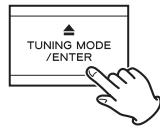
When using the remote control, press its CD button.

SOURCE

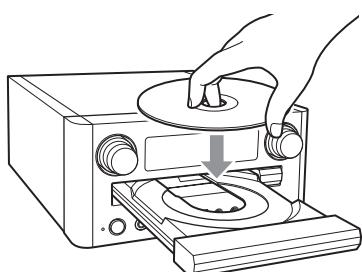


"No disc" will be displayed if no disc has been inserted.

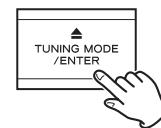
### 2 Press the Open/Close button (▲).



### 3 Place a disc on a tray with the labeled side facing up.



### 4 Press the Open/Close button(▲).



The disc tray closes. Be careful not to let any of your fingers get pinched by the tray.

- Loading a disc takes a few seconds.
- During loading, no buttons will work. Wait until the total track number and total playback time of the disc are displayed.

#### When an audio CD is loaded:

The total number of tracks ("T") and total playback time of the disc are displayed.

Example:

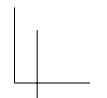
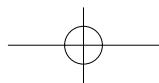
CD/Stop AM09:00  
T023 65:10

#### When an MP3 or WMA disc is loaded:

The total number of folders ("F") and files ("T") of the disc are displayed.

Example:

CD/Stop AM09:00  
F031 T999



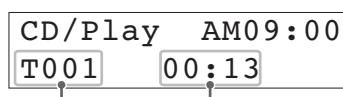
## 5 Press the Play/Pause button (▶ / II).



Playback starts from the first track/file.

### When an audio CD is played back:

Example:

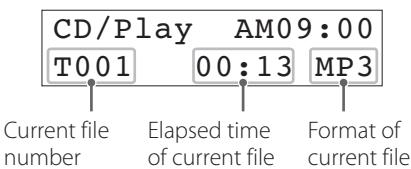


Current track number

Current track elapsed time

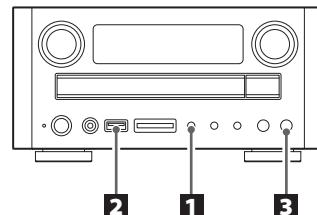
### When an MP3 or WMA disc is played back:

Example:



- This unit treats MP3/WMA files that are not in folders as being in the first (F001) folder. Playback starts with the first track in F001.
- This unit skips folders that contain no MP3/WMA files.
- The unit stops automatically when playback of all the tracks/files has finished.
- If you load a disc, and then press the Play/Pause button (▶ / II) without closing the disc tray first, the disc tray will close before playback starts.

## USB playback



This unit can play MP3/WMA files stored on USB flash drives.

- This unit can play USB flash drives with capacities of up to 32 GB.

ENGLISH

## 1 Press the SOURCE button repeatedly to select "USB".

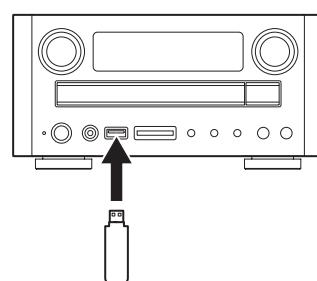
When using the remote control, press its iPod/USB button.

SOURCE



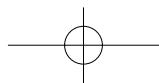
"Not Connected" will be displayed if no USB flash drive is connected.

## 2 Connect a USB flash drive to the unit's USB port.

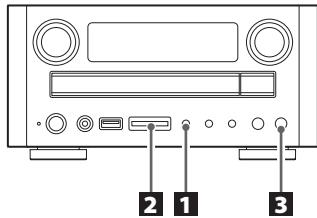


## 3 Press the Play/Pause button (▶ / II).





## SD playback



This unit can play MP3/WMA files contained on SD memory cards.

### 1 Press the SOURCE button repeatedly to select "SD CARD".

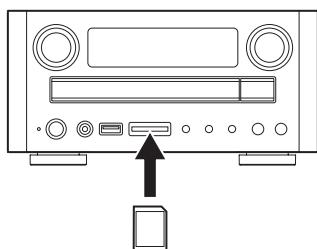
When using the remote control, press its SD button.

SOURCE



"No SD Card" will be displayed if no SD memory card is loaded.

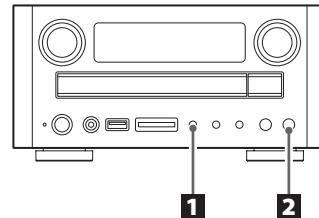
### 2 Insert an SD memory card into the unit's SD slot.



### 3 Press the Play/Pause button (▶ / II).



## Bluetooth device playback



This unit can transmit audio played back on a Bluetooth device.

Connect a Bluetooth device in advance (page 16).

### 1 Press the SOURCE button repeatedly to select Bluetooth.

You can also select Bluetooth by pressing the remote control's Bluetooth button.

SOURCE



If the unit does not detect the Bluetooth device, "Not Connected" will appear on the display.

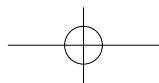
### 2 Press the Play/Pause button (▶ / II).



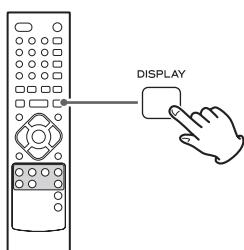
## Cautions for using Bluetooth devices

This unit supports the AVRCP Bluetooth profile standards. If the connected Bluetooth-enabled device is compliant with AVRCP, this unit's remote control can control its basic operations.

Some Bluetooth devices, however, might not respond to commands from the remote control or might respond to them incorrectly.



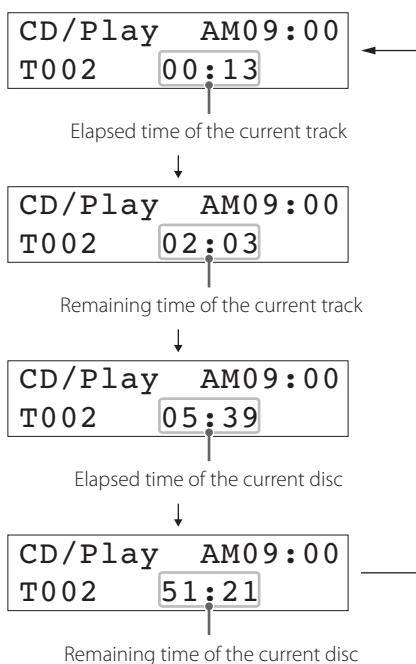
## Information shown on the display



During playback, press the DISPLAY button to cycle through the information shown on the display as follows:

### Audio CD:

Example: Ordinary information display



### MP3/WMA (SD,USB flash drive, CD-R/RW):

Default display (current file number and the elapsed time of the file)

↓  
Current file name

↓  
Title, artist name and album name \*

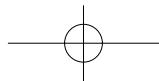
↓  
Current folder number and track number

\* For file names and ID3 tag information, the display of this unit can only show single-byte alphanumeric characters. If the file information uses Japanese, Chinese or other double-byte characters, playback is possible but the name will not be shown correctly.

If the file does not have ID3 tags (song name and other information), nothing will be shown.

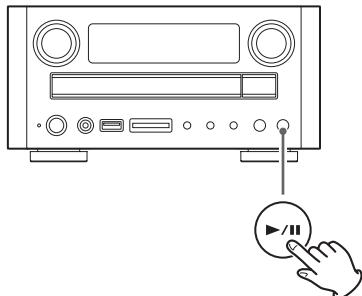
ENGLISH

- When searching forward or backward, pressing the DISPLAY button will not change the information shown on the display.



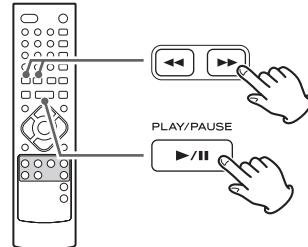
## General playback (CD/USB/SD)

### Suspending playback temporarily



Press the Play/Pause button (▶/II) during playback to pause playback at the current position. Press the Play/Pause button (▶/II) when paused to restart playback.

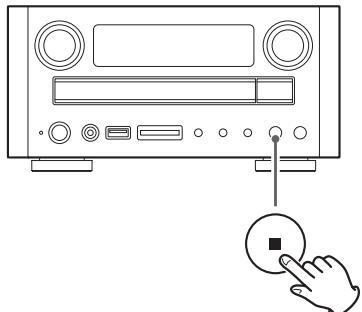
### Searching for a part of a track/file



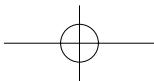
Press a search button (◀◀ or ▶▶) once during playback to start searching backward or forward. Press the Play/Pause button (▶/II) when you find the beginning of the part you want.

- No sound is output while searching.

### Stopping playback

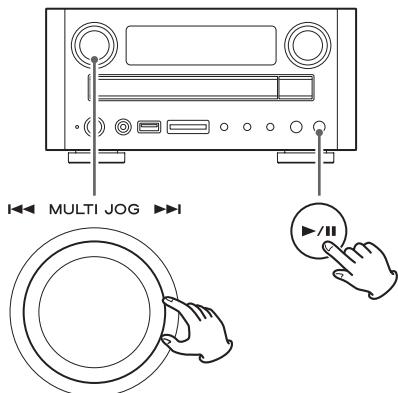


Press the Stop button (■) to stop playback.



## Programmed Playback (CD/USB/SD) (1)

### Searching for the desired track/file



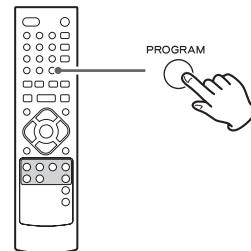
During playback, turn the MULTI JOG knob until you find the desired track/file. The selected track/file will be played from the beginning.

When stopped or paused, turn the MULTI JOG knob until you find the desired track/file. Press the Play/Pause button (▶/II) to start playback from the selected track/file.

- During programmed playback, the next or previous track/file in the program will be played.

Up to 30 tracks/files can be programmed in the desired order.

- 1 Press the PROGRAM button when playback is stopped.

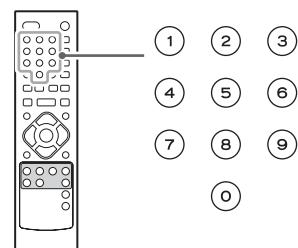


Example:

P-01 T013 42:38

ENGLISH

- 2 Select a track/file using the Number buttons.

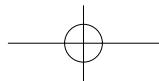


P-01 T007

- You can also use the Skip buttons (◀◀/▶▶) to select a track/file.

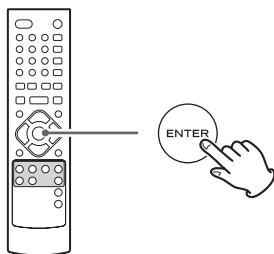
Continued on the next page ➔

33



## Programmed Playback (CD/USB/SD) (2)

### 3 Press the ENTER button.



- When you press the ENTER button, the track number that is currently blinking will be added to the program.

Example:

#### To select track 2:

Press "0," "0" and "2," or press "2" and then press the ENTER button.

#### To select track 12:

Press "0," "1" and "2," or press "1" and "2" and then press the ENTER button.

#### To select track 123:

Press "1," "2" and "3," and then press the ENTER button. (3-digit numbers are only for MP3/WMA files.)

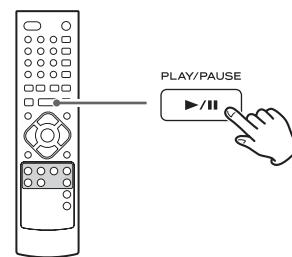
- If you enter a number that is greater than the total number of tracks, the highest available track number will appear blinking (and can be added to the program).

For example, if you input "999," but the media only contains 60 tracks, "T060," which is the highest track number, will appear and "060" will blink.

### 4 Repeat steps 2 and 3 to program more tracks/files.

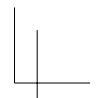
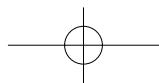
- If you make a mistake, press the CLEAR button to remove the last input track/file number.
- Up to 30 tracks/files can be programmed. If you attempt to program more than 30 tracks/files, "PROG FULL" will appear on the display.

### 5 When programming has been finished, press the PLAY/PAUSE button (▶/II).

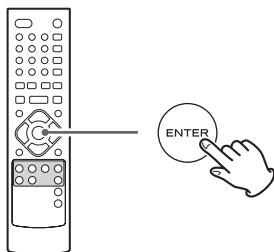


Programmed playback will start.

- After playback of all the programmed tracks/files has finished or you stop programmed playback, you can restart programmed playback by pressing the Play/Pause button (▶/II).
- If the PROGRAM button is pressed when playback is stopped, all program contents will be cleared.



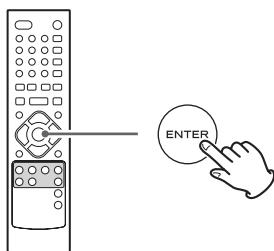
## Checking the programmed order



When programmed playback is stopped, press the ENTER button repeatedly. The track number and program number will be shown on the display.

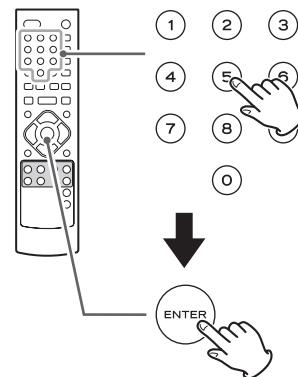
## Changing or adding a track/file to the program

### 1 When programmed playback is stopped, press the ENTER button repeatedly until the program number of the track/file you want to change appears on the display.



- If you want to add a track/file to the end of the program, press the ENTER button repeatedly until "T\_\_" appears on the display.

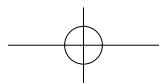
### 2 Use the Number buttons to select the track/file that you want to add and then press the ENTER button.



- You can also select a track/file using the Skip buttons (◀◀/▶▶).

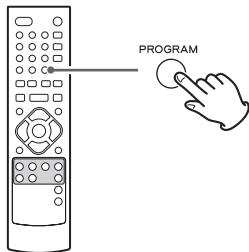
The selected track will replace the track at the program number set in step 1, or be added to the end of the program if "T\_\_" was shown when the track was selected.

ENGLISH



## Programmed Playback (CD/USB/SD) (3)

### Clearing the program



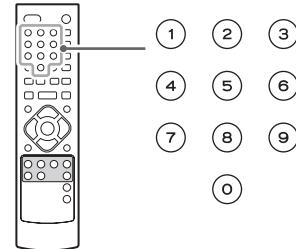
Press the PROGRAM button when playback is stopped to clear all program contents.

- The following actions will also clear the programmed contents:

- Pressing the unit's PROGRAM button
- Pressing the unit's SOURCE button
- Pressing the AUX 1, AUX 2, TUNER, CD, iPod/USB, SD or Bluetooth button on the remote control
- Pressing the STANDBY/ON button
- Opening the disc tray
- Disconnecting the AC power cord

## Direct playback (CD/USB/SD)

You can use the remote control's Number buttons to select a track/file during playback and when playback is stopped.



**Press the Number buttons to select a track/file.  
Playback starts from the selected track.**

- Direct playback is only possible when the display shows the ordinary information.
- Direct playback is not possible when searching forward or backward.

Examples:

#### To select track number 2:

Press "0", "0" and "2", or press "2" and the PLAY/PAUSE button (▶/■).

- If you press "2" and wait for a few seconds, playback will start from track 2.

#### To select track number 12:

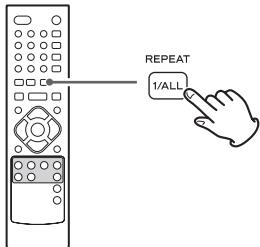
Press "0", "1" and "2", or press "1", "2" and the PLAY/PAUSE button (▶/■).

- If you press "1" and "2" and wait for a few seconds, playback will start from track 12.

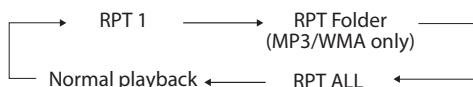
#### To select track number 123 (MP3/WMA files only):

Press "1", "2" and "3".

## Repeat Playback (CD/USB/SD)



Press the REPEAT 1/ALL button during playback to cycle through repeat modes as follows:



- Repeat mode will be cancelled if you stop playback or change the source.

### Repeat one track/file (RPT 1)

The track being played will be played repeatedly. If you press a Skip button (◀◀/▶▶) and select another track/file, that track/file will be played repeatedly.

### Repeat all the files in the folder (RPT Folder) (MP3/WMA only)

All the tracks in the current folder will be played repeatedly.

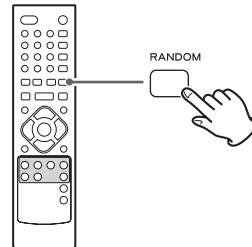
- You cannot select this mode if the media has no folders.

### Repeat all tracks/files (RPT ALL)

All tracks/files will be played repeatedly.

- During programmed playback, all the programmed tracks/files will be played repeatedly.

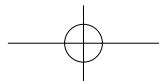
## Random playback (CD/USB/SD)



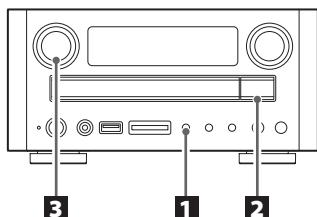
Press the RANDOM button during playback or when playback is stopped to play the tracks/files in random order. "Random" appears on the display when this mode is active.

- If you press the ▶▶ button during random playback, the track/file that is played next will be randomly selected and played. If you press the ▶▶ button, the currently played track/file will be played from the beginning.
- To cancel random playback, press the RANDOM button.
- To stop random playback, press the STOP button (■).

ENGLISH



## Listening to the radio (1)



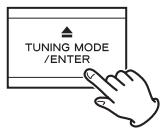
### 1 Press the SOURCE button repeatedly to select "TUNER FM" or "TUNER AM".

When using the remote control, press its TUNER button once or twice to select FM or AM.

SOURCE



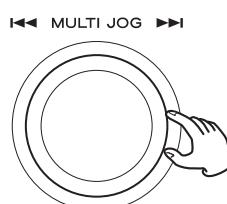
### 2 Press the TUNING MODE button to select the tuning mode.



Each time you press the TUNING MODE button, the tuning mode changes as follows:



### 3 Turn the MULTI JOG knob to tune the station you want.



#### Manual tune

Turn the MULTI JOG knob until you find the station you want. On the remote control unit, press the Scroll buttons ( $\wedge/\vee$ ).

The frequency changes by fixed steps (FM: 0.05 MHz for European model and 0.1 MHz for North American model, AM: 9 kHz).

#### Automatic tune

Turn the MULTI JOG knob to start automatic tuning.

When a station is found, the unit tunes in to the station automatically.

Press and hold one of the scroll ( $\wedge/\vee$ ) buttons for at least a second to start automatic station tuning. When a station is received, automatic tuning will stop.

Repeat this step until the station you want to listen to is found.

- If you want to stop the tuning process, press the Stop button (■).

#### Preset tune

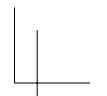
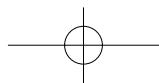
Turn the MULTI JOG knob to tune in to a selected preset station.

You can also use the remote control's Skip buttons (◀◀/▶▶) to tune in to a selected preset station.

- For detailed information about presetting a station, see pages 39 and 40.

### If the reception is poor

Rotate or relocate the FM or AM antenna to find the best position for reception.

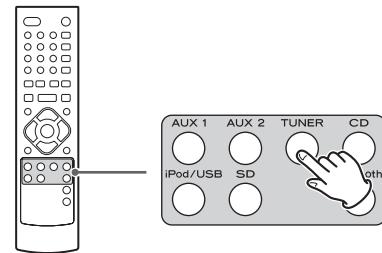


## Preset tuning (1)

You can store presets for up to 30 FM and 15 AM stations.

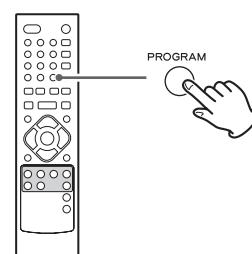
### Automatically setting station presets

- 1 Select "TUNER FM" or "TUNER AM" by pressing the TUNER button.



ENGLISH

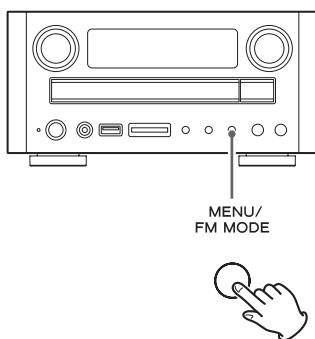
- 2 Press and hold the PROGRAM button for more than 3 seconds.



Stations will automatically be selected and assigned  
presets in order.

### FM mode

When a stereo FM program is tuned in, you can select between stereo and mono by pressing the FM MODE button.



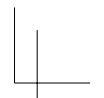
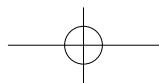
#### Stereo

Stereo FM broadcasts are received in stereo and "Stereo" appears on the display.

- If reception is poor, set the unit to receive in mono.

#### Mono

Stereo FM broadcasts are converted to mono. If reception of an FM broadcast is poor, this mode will make the signal mono, but it will also reduce noise and make it easier to listen to.

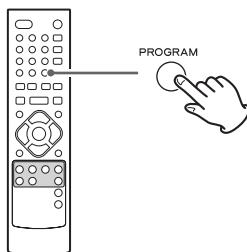


## Preset tuning (2)

### Manually setting station presets

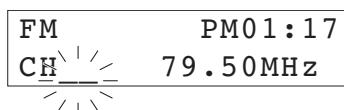
**1** Tune in to a station you want to add as a preset (page 38).

**2** Press the PROGRAM button.

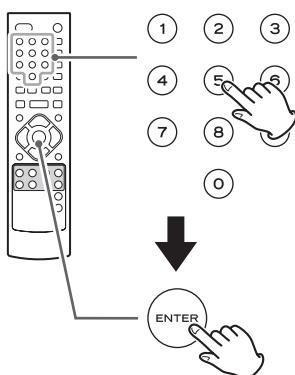


"\_\_" blinks on the display.

Example:



**3** Within 20 seconds, select a preset channel number to store the station.

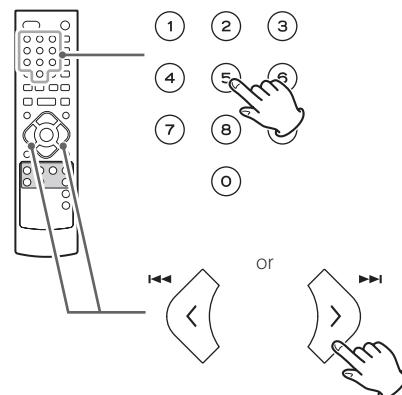


- For example, to set preset number 15, press "1", "5" and the ENTER button.
- If you do not press the ENTER button within 20 seconds of selecting the channel, the selection will be cancelled.
- If you store a new station to a preset channel, the station previously stored as that channel will be overwritten.

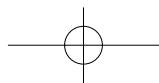
To store more station presets, repeat steps **1** to **3**.

### Listening to a preset station

Use the Number buttons or the Skip buttons (|<</>>|) to select the preset.

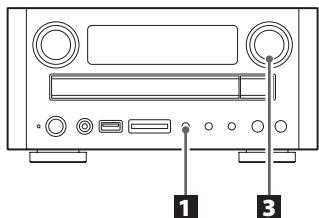


- If the Number buttons do not function, press the TUNER button and then try again.



## Listening to a connected device

You can listen to the audio signals of video players, televisions, portable audio players, cassette decks and other devices by connecting their line level or headphone outputs to the AUX1 and AUX2 jacks on this unit.



### 1 Press the SOURCE button repeatedly to select "AUX1" or "AUX2".

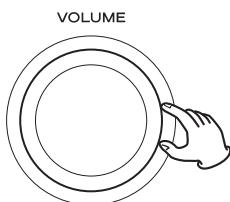
You can also select "AUX1" or "AUX2" by pressing the remote control's AUX1 or AUX2 button.

SOURCE



### 2 Start playback on the connected device.

### 3 Turn the VOLUME knob to adjust the volume.



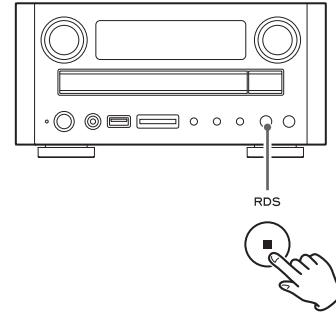
## RDS (only for Europe) (1)

The Radio Data System (RDS) is a broadcasting service that allows stations to send additional information along with the regular radio program signal.

**RDS works on the FM frequency band in Europe only.**

### 1 Tune in to an FM RDS station (see page 38).

### 2 Press the RDS button (or the RDS button of the remote control unit).



ENGLISH

Pressing the RDS button cycles through RDS modes as follows:

#### Program service (PS)

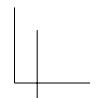
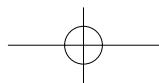
When you select Program service, "PROGRAM SERVICE" will blink for about 3 seconds and then the program service name or station's name will be displayed. If there is no program service data, the frequency will be displayed.

#### RDS Program type (PTY)

When you select RDS Program type, "RDS PROGRAM TYPE" will blink for about 3 seconds and then the program type will be displayed.

Continued on the next page ➔

41

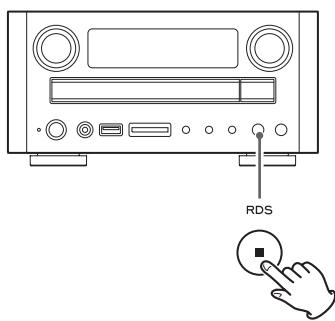


## RDS (only for Europe) (2)

### RDS Clock time (CT)

Displays time information provided by the station. When you select RDS Clock time, "RDS CLOCK TIME" will blink for about 3 seconds and then the provided clock time will be displayed.

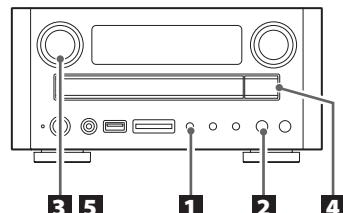
This unit's clock setting will be automatically adjusted according to the CT data. To turn automatic clock adjustment on or off, press and hold the RDS button for at least 3 seconds when RDS Clock time is selected. "RDS CT SYNC ON" or "RDS CT SYNC OFF" will be displayed.



### RDS Radio text (RT)

When you select RDS Radio text, "RDS RADIO TEXT" will blink for about 3 seconds and then information from the station consisting of up to 64 characters will be displayed.

## PTY search (only for Europe) (1)



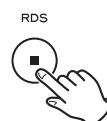
You can search for stations by program type. This function is available only through the RDS services of FM frequency stations in Europe.

- 1 Press the SOURCE button repeatedly to select "TUNER FM".

SOURCE

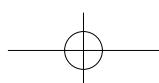


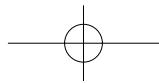
- 2 Press and hold the RDS button for at least 3 seconds.



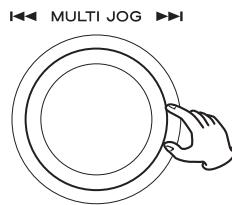
"RDS PROGRAM TYPE" appears on the display.

- This function is not available when RDS Clock time (CT) mode is active.





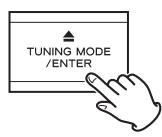
**3 Select the desired program type using the MULTI JOG knob.**



You can select from 31 program types (PTY).  
The program type blinks.

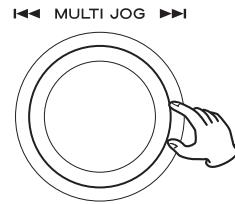
- You can also use the Cursor buttons (</>) on the remote control unit to select a program type.

**4 Press the ENTER button.**



The programme type stops blinking.

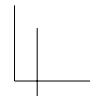
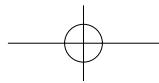
**5 Turn the MULTI JOG knob.**



The unit starts searching.

- You can also start searching by pressing a Cursor button (< or >) on the remote control unit.
- When the programme type that you have selected is found, searching stops and the programme type will be displayed.
- If a matching programme type is not found during PTY Search, it will stop at the frequency set before searching started.
- If you want to stop searching, press the RDS button.

ENGLISH



## PTY search (only for Europe) (2)

**NEWS:**

Brief announcements, events, public opinion, reports and real situations.

**AFFAIRS:**

Suggestions, including practical announcements other than news, documents, discussion and analysis.

**INFO:**

Useful and reference information, such as weather forecasts, consumer guides and medical advice.

**SPORT:**

Sports-related programs.

**EDUCATE:**

Educational and cultural information.

**DRAMA:**

All kinds of radio concerts and serial dramas.

**CULTURE:**

All aspects of national or local culture, including religious events, philosophy, social science, language and theatre.

**SCIENCE:**

Programs on natural science and technology.

**VARIED:**

Popular programs such as quizzes, entertainment news, interviews, comedy and satire.

**POP M:**

Programs of commercial and popular songs, including music sales volumes, etc.

**ROCK M:**

Modern music generally composed and played by young musicians.

**EASY M:**

Popular music usually lasting for less than 5 minutes.

**LIGHT M:**

Classical music, instrumental music, chorus, and light music favored by general audiences.

**CLASSICS:**

Orchestral music including great operas and symphonies, chamber music and so on.

**OTHER M:**

Other music styles, including rhythm & blues and reggae.

**WEATHER:**

Weather reports and forecasts.

**FINANCE:**

Financial reports, commerce and trading.

**CHILDREN:**

Children's programs.

**SOCIAL:**

Social affairs.

**RELIGION:**

Religious programs.

**PHONE IN:**

Programs in which the public expresses its views by phone.

**TRAVEL:**

Travel reports.

**LEISURE:**

Programs concerning recreational activities.

**JAZZ:**

Jazz music.

**COUNTRY:**

Country music.

**NATION M:**

National music.

**OLDIES:**

Music from the so-called golden age of popular music.

**FOLK M:**

Folk music.

**DOCUMENT:**

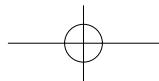
Documentaries.

**TEST:**

Broadcast when testing emergency broadcast equipment or receivers. Not intended for searching or dynamic switching for consumer receivers.

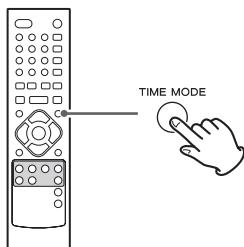
**ALARM:**

A program with notifications about emergencies and natural disasters.



## Setting the clock

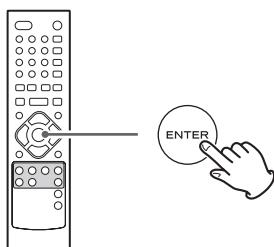
**1** Press and hold the TIME MODE button for more than 2 seconds.



"CLOCK SETTING" appears on the display.

- The European model of this unit uses 24-hour "military" time.  
The North American model of this unit uses the 12-hour clock.
- If no action is taken for 20 seconds, clock setting will end automatically.
- Press the STOP button (■) to cancel the clock setting adjustment.

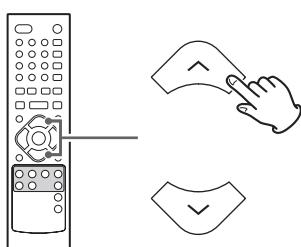
**2** Press the ENTER button.



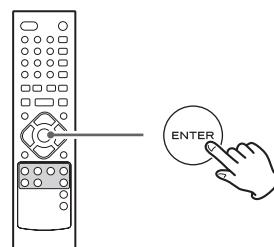
The hour value blinks.

- You can also press the cursor (>) button to perform the same action.

**3** Press the Scroll buttons (↑/↓) to set the current hour.

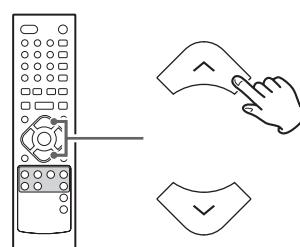


**4** Press the ENTER button.



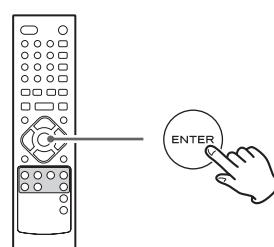
The minute value blinks.

**5** Press the Scroll buttons (↑/↓) to set the current minute.



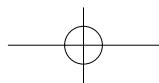
- If you want to change the hour, press the cursor (<) button.

**6** Press the ENTER button.



The clock will start from the set minute at 0 seconds.

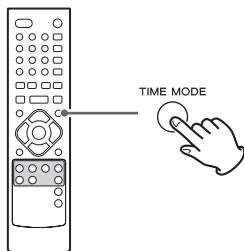
ENGLISH



## Using the timer (1)

- The unit can be programmed to turn on and off at specified times.
- Adjust the clock before setting the timer.
- If no action is taken for 20 seconds, timer setting will end automatically.
- Use the cursor (</>) buttons to move between setting items.

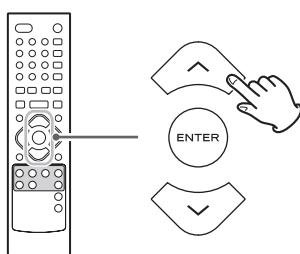
### 1 Press the TIME MODE button.



The hour value of the start time blinks.

Start time	Playback source
ON 01:01	USB
OFF 02:10	VOL20
Stop time	Volume level

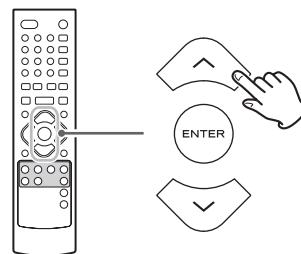
### 2 Press the Scroll buttons (↖/↖) to set the hour of the start time and press the ENTER button.



The minute value of the start time blinks.

Start time	Playback source
ON 01:01	USB
OFF 02:10	VOL20
Stop time	Volume level

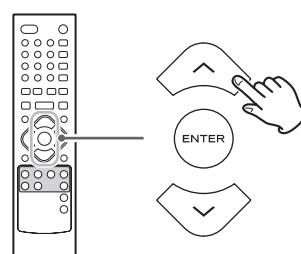
### 3 Press the Scroll buttons (↖/↖) to set the minute of the start time and press the ENTER button.



The hour value of the stop time blinks.

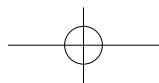
Start time	Playback source
ON 01:01	USB
OFF 02:10	VOL20
Stop time	Volume level

### 4 Press the Scroll buttons (↖/↖) to set the hour of the stop time and press the ENTER button.

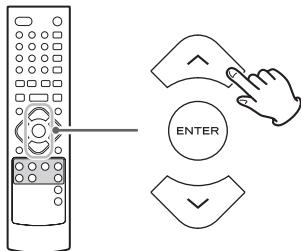


The minute value of the stop time blinks.

Start time	Playback source
ON 01:01	USB
OFF 02:10	VOL20
Stop time	Volume level



- 5** Press the Scroll buttons ( $\wedge/\vee$ ) to set the minute of the stop time and press the ENTER button.



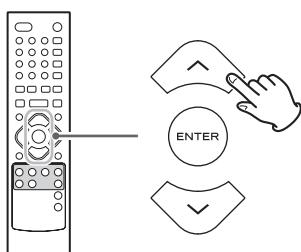
The source name blinks.

Start time	Playback source
ON 01:01	USB
OFF 02:10	VOL20
Stop time	Volume level

- 6** Press the Scroll buttons ( $\wedge/\vee$ ) to set the source and press the ENTER button.

You can select from "TU FM" (FM tuner), "TU AM" (AM tuner), "CD", "USB" (iPod or USB) or "SD" (SD memory card).

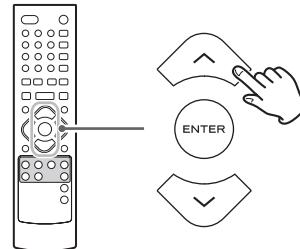
- You cannot select "Bluetooth".



The volume level blinks.

Start time	Playback source
ON 01:01	USB
OFF 02:10	VOL20
Stop time	Volume level

- 7** Press the Scroll buttons ( $\wedge/\vee$ ) to set the volume level and press the ENTER button.

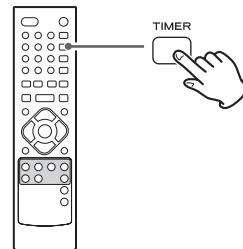


The timer setting is now stored in memory.

ENGLISH

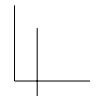
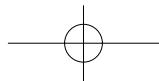
## Turning on the timer

- 1** After setting the timer, press the TIMER button to turn on the timer.



"TIMER ON" appears on the display.

Continued on the next page ➔ **47**

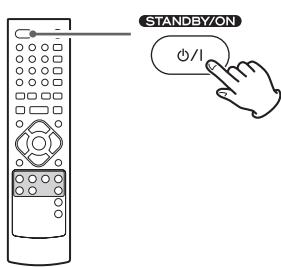


## Using the timer (2)

### 2 Prepare the source you want to play when the timer goes off.

If you have selected "CD", place a disc in the disc tray.  
If you have selected "USB", connect a USB flash drive or an iPod.  
If you have selected "SD", insert an SD card.  
If you have selected "TU FM" or "TU AM", tune in a station.

### 3 Press the STANDBY/ON button to put the unit into standby.

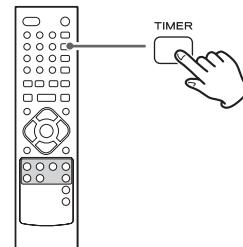


The standby indicator lights.  
The unit will turn on and off at the specified times every day.

**The unit must be in standby for the timer to work.**

### Turning off the timer

Press the TIMER button to turn the timer off.

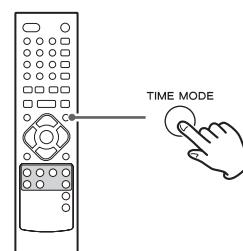


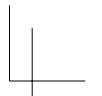
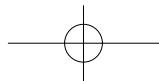
"TIMER OFF" appears on the display.

Press the TIMER button again to turn the timer on again.

### Checking the timer setting

Press the TIME MODE button to check the timer setting.





## Troubleshooting (1)

If you experience a problem with this unit, please check the following items before requesting service. If it still does not operate correctly, contact the retailer where you purchased the unit or TEAC customer support (See the back cover for contact information).

### General

#### **The power will not turn on.**

- Check that the power cord is completely plugged into the power outlet.

#### **No sound is output.**

- Select the source using the SOURCE button.
- Check the connection to the speakers.
- Adjust the volume.
- Unplug headphones from the PHONES jack.
- If "MUTE" is displayed, press the MUTE button.

#### **The sound is noisy.**

- The unit is too close to a TV or similar device. Install the unit away from such devices, or turn them off.

#### **Remote control does not work.**

- Press the STANDBY/ON button to turn the unit on.
- If the batteries are exhausted, change the batteries.
- Point the remote control at the front panel of the unit from a distance of less than about 5 m (16 ft).
- Clear obstacles between the remote control and the main unit.
- If a strong light is near the unit, turn it off.

### CD player

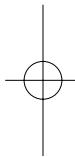
#### **Will not play.**

- Load a disc with the label side up.
- If the disc is dirty, clean the surface of the disc.
- If a blank CD-R/CD-RW has been loaded, load a prerecorded disc.
- This unit might not be able to play some CD-R/CD-RW discs depending on the disc quality and recording conditions.
- You cannot play back unfinalized CD-R/RW discs with this unit. Finalize such a disc in the CD recorder you used to create the disc and try again.

#### **Sound skips.**

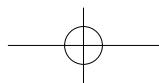
- Place the unit on a stable place to avoid vibrations and shocks.
- If the disc is dirty, clean its surfaces.
- Do not use scratched, damaged or warped discs.

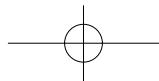
ENGLISH



Continued on the next page ➔

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## Troubleshooting (2)

### MP3/WMA files (SD card, USB flash drive, CD-R/RW)

#### Will not play.

- Check the file format. (See page 10)

#### The song title, artist name and album name do not appear on the display.

- There is no ID3 tag information for the music file. Edit the title, artist, and album information of the song on a PC using a suitable application.

#### Some unknown characters are displayed on the display panel.

- If the file information uses Japanese, Chinese or other double-byte characters, playback is possible but the name will not be shown correctly.

### iPod/Phone/iPad

The following explanations refer to an iPod, but they also apply to use with an iPhone or iPad.

#### iPod will not work.

- Disconnect the iPod cable, wait a few seconds, and then connect the iPod again.
- A software update might solve the problem. Visit the Apple website and download the latest iPod Software.

#### No sound is output.

- In iPod mode, no sound is output from the PHONES jack.

### Radio

#### Cannot listen to any station or the signal is too weak.

- Tune in a station properly.
- Adjust the FM or AM antenna to the best reception position.
- If the signal is weak, you will need to use an outdoor antenna (commercially available) (pages 12 and 13).

### Bluetooth

#### The sound breaks up or there is noise.

- If there is a device that generates electromagnetic waves in the 2.4 GHz band, such as a microwave oven or wireless LAN equipment, nearby it could affect the unit. Locate the unit away from such devices or stop using them.

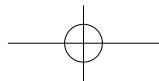
#### Transmission is interrupted.

- The connected Bluetooth device might be too far away from the unit. The approximate Bluetooth transmission distance of this unit is 10 m (33 ft) without obstructions.
- Confirm that there are no obstacles between this unit and the Bluetooth device.

#### Pairing fails.

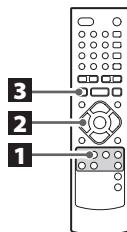
- Confirm that the Bluetooth device you want to connect supports A2DP or AVRCP.
- Confirm that the Bluetooth device you want to connect is able to transmit. You might need to turn on or otherwise enable the Bluetooth function of the Bluetooth device. For details, see the operation manual of your Bluetooth device.

**Since this unit uses a microcontroller, external noise and other interference can cause the unit to malfunction. If this should occur, unplug the unit's power from the outlet and wait a little while before plugging the power in again and retrying the operation. If the unit still does not function properly after doing this, follow the procedures in the next section to restore the unit to its factory default settings.**



## Restoring factory default settings

If the unit does not operate properly, follow the procedures below to restore the unit to its factory default settings. This might return it to ordinary operation.



### 1 Press the AUX 2 button on the remote control.

If the unit is in standby mode, press the STANDBY/ON button to turn the unit on before this operation.

- The standby indicator lights orange when the unit is in standby mode and is unlit when the unit is ON.

### 2 Press the SKIP button (◀◀) on the remote control.

- The main unit's MULTI JOG knob cannot be used to restore the factory default settings.

### 3 Press and hold the Stop button (■) for at least 2 seconds.

"FACTORY RESET" appears on the top line of the display. When resetting completes, "FINISHED" appears on the display.

### 4 Unplug the power cord from the AC socket.

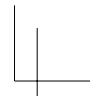
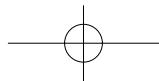
### 5 Plug the power cord into the AC socket again.

The standby indicator lights orange.

This procedure erases everything in the unit's memory and restores it to its factory default settings.

You will need to reset the timer, tuner presets and other settings.

ENGLISH



## Specifications

### Amplifier

Output power ..... 25 W + 25 W (6 Ω, 1 kHz, 0.5%)  
Input sensitivity ..... 340 mV/47 kΩ  
Frequency response ..... 20 Hz – 20 kHz  
Compatible speaker impedance range ..... 6 Ω – 8 Ω

### FM tuner

Tuning range ..... 87.5 MHz – 108.0 MHz  
Signal-to-noise ratio  
    Mono ..... 56 dB  
    Stereo ..... 52 dB

### AM tuner

Tuning range  
    European model ..... 522 kHz – 1,629 kHz  
    North American model ..... 530 kHz – 1,710 kHz  
Signal-to-noise ratio ..... 35 dB

### CD player

Frequency response ..... 20 Hz – 20 kHz ± 2.0 dB  
Signal-to-noise ratio ..... 85 dB or more  
    (1 kHz, 0 dB, A weight)  
Total harmonic distortion (THD) ..... 0.05% (1 kHz, 0 dB)

### USB flash drive/SD memory card

Frequency response ..... 20 Hz – 20 kHz ± 1.0 dB  
Signal-to-noise ratio ..... 80 dB or more  
    (1 kHz, 0 dB, A weight)

### Bluetooth

Bluetooth version ..... V2.1+EDR  
Output ..... Class 2  
    (Transmission range: 10 m or less unobstructed)  
● The transmission range is approximate, and the surrounding environment and other electromagnetic waves might affect it.  
Supported profiles ..... A2DP, AVRCP

### Playable files

#### MP3

Format ..... MPEG-1 Audio Layer 3  
Sampling rate ..... 44.1 or 48 kHz  
Bit rate ..... 320 kbps or less

#### WMA

Sampling rate ..... 44.1 kHz  
Bit rate ..... 192 kbps or less  
Maximum number of folders ..... 255  
Maximum number of files ..... 999

### General

Power supply  
    European model ..... AC 230 V, 50 Hz  
    North American model ..... AC 120 V, 60 Hz  
Power consumption ..... 35 W  
Standby power consumption ..... 0.5 W or less  
Dimensions (W x H x D) ..... 215 × 105 × 355 mm  
    (8 1/2" × 4 3/16" × 14")  
Weight ..... 3.2 kg (7 1/8 lb)

### Included accessories

Power cord × 1  
Remote control unit (RC-1307) × 1  
Batteries for remote control unit (AAA) × 2  
AM loop antenna × 1  
FM antenna × 1  
Owner's manual (this document) × 1  
Warranty card × 1

- Specifications and appearance are subject to change without notice.
- Weight and dimensions are approximate.
- Illustrations in this owner's manual might differ slightly from production models.