

TOSHIBA

TY-CWS9

Toshiba Portable CD Radio with Bluetooth function

Operation Manual



5022000

Safety precautions

The information you need to prevent danger to the user and other people as well as property damage is described below. "Description of signs" shows different categories of the degree of danger or damage that may occur due to wrong handling. "Description of symbols" shows the meaning of the symbols.

Important notes

- This book is only a guide for user's operation, not a criterion for configuration.
- Only use attachments/accessories specified by the manufacturer.

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

The exclamation point within 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 reduce the risk of electric shock, do not remove cover (or back), NO user-serviceable parts inside. Refer RISK servicing to qualified service personnel.

This mark indicates this unit belongs to class 1 laser product. The laser beam may produce radiation harm to the directly touching human body.

This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts.

WARNING

- Remove batteries if exhausted or if they will not be used for a long period.
- The incorrect use of batteries can cause electrolyte leakage and will corrode the compartment or cause the batteries to burst. Therefore:
- Do not mix battery types, e.g. alkaline with zinc carbonate.
- When inserting new batteries, replace all batteries at the same time.
- Minimum 5cm around the apparatus for sufficient ventilation.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.

Description of signs

WARNING Indicates that there is a risk of death or serious injury.

CAUTION Indicates that there is a risk of light injury or property damage.

Description of symbols

Indicates "Prohibition" or "You must not do" with pictures and text.

Indicates "Mandatory Action" or "Do as indicated" with pictures and text.

What to do in the case of an abnormality

- **STOP** using the device immediately in the case of an abnormality or failure.
- **Remove the power plug from the receptacle immediately when any water or foreign object enters the interior of the device.** It may cause a fire or electric shock. Remove the power plug immediately, and contact your dealer for a repair.

Power cord and power plug

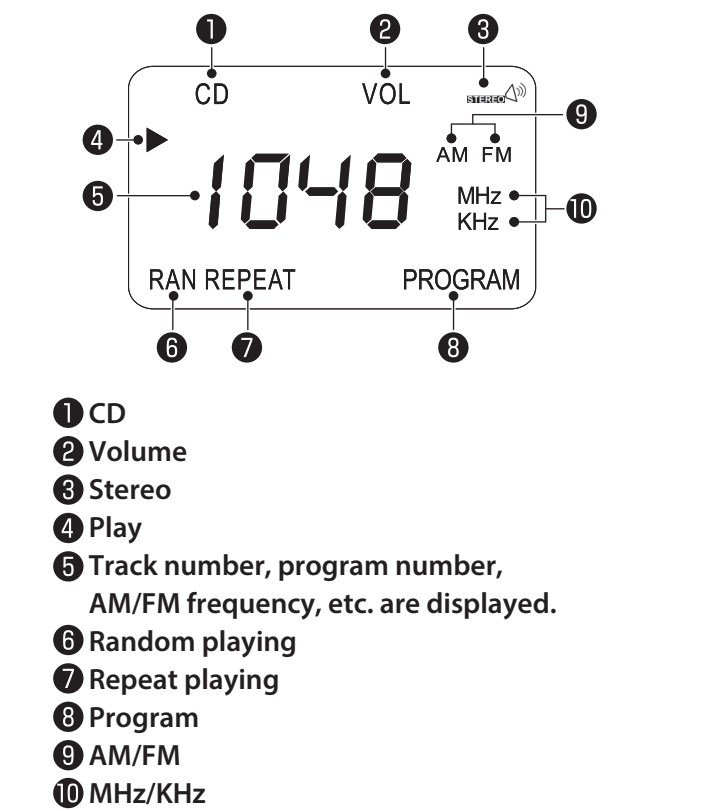
- **WARNING**
- If any dust exists on the power plug pin or pin installation surface, remove the power plug and remove the dust.
- The mains plug is used as disconnect device, the disconnect device shall remain readily operable.
- Observe the following when handling the power cord.
 - Do not damage it. -Do not modify it (e.g. extension). -Do not heat it.
 - Do not pull it. -Do not place a heavy object on it. -Do not pinch it.
 - Do not bend it forcefully. -Do not twist it. -Do not bundle it.Doing so may cause a fire or electric shock.

- **Do not insert or remove the power plug with a wet hand.** Doing so may cause a fire or electric shock.

- **CAUTION**
- When removing the power plug from the receptacle, hold the power plug.
- If the device will not be used for a long time, remove the power plug from the receptacle. Doing so may cause a fire or electric shock.

- Do not use any power cord other than the one that comes with the device.
- Do not use the power cord that comes with the device for any other product. Doing so may cause a fire or electric shock.

[Display unit]



[Accessories]

- Power cord 1set
- Operation manual 1set

2 Power supply

When using AC power supply

1. Insert the supply plug of the attached power cord fully into AC socket on the back.
2. Insert the power plug into an AC receptacle.

Using dry batteries (sold separately)

- Open the battery cover. Insert six UM-2/C batteries (sold separately), and close the cover.
- Make sure that the polarity is correct.
 - When the power cord is connected to the power supply terminal, the AC power supply is used. To use the device with batteries, remove the power cord.
 - If the device will not be used for a long time (1 month or longer) or AC power supply is used, remove the dry batteries.
 - Replacement period of dry batteries
When the dry batteries are low, phenomena such as low volume, sound distortion, or malfunction of the CD may occur.

3. Power ON/OFF

Press POWER button to turn on the power.
Press and hold POWER button to turn off the power.

3 Common operation

Volume adjustment

Press VOLUME- or + button to adjust the volume.

Using headphones

Plug the stereo headphones with a mini-plug (commercially available) into PHONES jack on the back.
While the headphones are plugged in, the sound does not come from the speaker.

4 Listening to a CD

Normal play

1. Press POWER/FUNCTION button to select CD.
"CD" mark is displayed and the display part displays "no" after " - - " blinks.
2. Open the CD cover, mount the CD with its printed face up, and then close the CD cover.
"- - -" blinks and loading of the CD starts.
When loading is complete, the total number of tracks is displayed.

Usage

WARNING

- Do not disassemble, repair, or modify the device.
- Do not insert any foreign object.
- When lightning starts, do not touch the antenna or power cord. Doing so may cause a fire or electric shock.

Invisible laser radiation when open and interlocks defeated.

- A Class 1 laser product is used in the CD driving unit. The CD driving unit stops when the cover is opened. Observe the following.
- Do not disassemble, repair, or modify the unit.
- Do not look directly into the laser light or reflected light.
- Avoid exposure to beam of laser.

The laser light may cause damage to your eye or skin.

Class 1 laser product

CAUTION

- Before carrying the device, retract the antenna and remove the power plug from the receptacle. Failure to do so may cause a fire, electric shock, or injury.
- Do not insert your hand into the CD insertion slot.
- Do not use any disc that is not round.
- Do not get on top of the device.
- Do not place a heavy object on the device.
- Do not turn up the headphone volume too much.
- Do not block the ventilation hole.
- When the appliance coupler is used as the disconnect device, the appliance coupler shall remain readily operable.
- Excessive sound pressure from earphones and headphones can cause hearing loss.
- To prevent possible hearing damage, do not listen at high volume levels for long periods.
- Doing so may cause an injury or fire.

Installation

- **WARNING**
- Do not install this equipment in a confined or building-in space such as a book case or similar unit, and remain a well ventilation conditions. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.
- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
- The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Doing so many cause a fire or electric shock.
- The mains plug is used as disconnect device, the disconnect device shall remain readily operable.
- Doing so many cause a fire or electric shock.

Battery

- **CAUTION**
- Observe the following when handling dry batteries.
Overheat, leakage, or rupture may occur, resulting in burns or injury.
If you touch the battery fluid, rinse it off with water and consult with a doctor.
If the battery fluid touches the device, wipe it off without touching the fluid.
- Do not expose the battery (battery or batteries or battery pack) to excessive heat such as sunshine, fire or the like.
- Do not use any battery other than specified.
- Do not insert the batteries in a wrong direction.
- Do not charge, heat, disassemble, short-circuit the battery. Do not throw it into fire.
- Do not use a dry battery whose recommended expiration date has been expired. Do not use a depleted dry battery.
- Do not use different types of dry batteries together, or new dry batteries and old dry batteries together.
- Do not leave the device with the power cord removed from the main unit and dry batteries in for a long time.
- If the device will not be used for a long time, remove the dry batteries from the main unit.
- Do not wet a dry battery with water. Do not touch it with a wet hand.

- **Note**
- If any color shift occurs on a nearby TV or the radio of this device picks up noise from the TV, keep this device away from the TV.

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/appliances combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.

Play

Press PLAY/PAUSE button to start to play of CD.

Pause

Press PLAY/PAUSE button during replay of the CD.

Replay of the CD is paused.

Press it again to resume replay of the CD.

Replaying starting from a desired track

Select the desired track number during replay or pause.

Button	Function	Operation
PREV/FAST BACKWARD/ TUN.- or NEXT/FAST FORWARD/TUN.+ BUTTON	Track up/down (Moves to the beginning of the next or previous track each time it is pressed.)	Press.

Stopping

Press STOP/MEM.+ button during replay.

Replay of the CD stops, and the total number of tracks is displayed.

Replay of CD is stopped.

To remove the CD, wait until the rotation of the CD stops.

Fast-forward/rewind

Press and hold PREV/FAST BACKWARD/TUN.- or NEXT/FAST FORWARD/TUN.+ button during replay of the CD.

UP/DOWN

Press PREV/FAST BACKWARD/TUN.- or NEXT/FAST FORWARD/TUN.+ button during replay or pause of the CD.
NEXT/FAST FORWARD/TUN.+ : Moves to the beginning of the next track.
PREV/FAST BACKWARD/TUN.- : Moves to the beginning of the current track when pressed once, or to the beginning of the previous track when pressed twice.

Repeat/Random replay

Press PROG./MEM./P-MODE button during replay of the CD.

One track repeat replay starts. The play mode changes as shown below every time PROG./MEM./P-MODE button is pressed. To select random repeat, press PROG./MEM./P-MODE button on the device until "RAN" appears.

Play mode	Operation	Display
One track repeat	Repeats the same track.	"REPEAT" blinks.
All track repeat	Repeats all the tracks of the CD.	"REPEAT" is displayed.
Random play	Plays all the tracks of the CD randomly.	"RAN" is displayed.
Normal	Plays all the tracks of the CD.	

- When you press PROG./MEM./P-MODE button during a pause, repeat replay is reserved. When you press PLAY/PAUSE/MEM.-/PAIR button, repeat replay starts.
- During one track repeat, you can change the track by pressing PREV/FAST BACKWARD/TUN.- or NEXT/FAST FORWARD/TUN.+ button.

Caution
• When you press STOP/MEM.+ button, replay stops and repeat replay is canceled.

- **Cancelling repeat replay during repeat replay**
Press PROG./MEM./P-MODE button several times until "REPEAT" and "RAN" are not displayed any more. The device returns to normal replay.

Programmed replay

1. Press PROG./MEM./P-MODE button during a stop to start program setting.
"P01" is displayed and "PROGRAM" blinks.
2. Press PREV/FAST BACKWARD/TUN.- or NEXT/FAST FORWARD/TUN.+ button to select the desired track number you want to program.
3. Press PROG./MEM./P-MODE button.
Your desired track number is set to P01, and "P02" is displayed.
4. Press PREV/FAST BACKWARD/TUN.- or NEXT/FAST FORWARD/TUN.+ button to select the desired track number you want to program.
5. Press PROG./MEM./P-MODE button.
Your desired track number is set to P02, and "P03" is displayed.
Commercially available music CD: You can program up to 20 tracks you like. If you try to program the 21st track, "FUL" is displayed and the programming is refused.
6. To finish the program setting, press PLAY/PAUSE/MEM.-/PAIR button.
Programmed replay of the track selected for Program 1 starts.

Repeat programmed replay

Press PROG./MEM./P-MODE button during programmed replay of the CD.

Repeat replay of programmed tracks starts.

- **Note**
- The program is cancelled when the CD is replaced or STOP/MEM.+ button while stopped is pressed.

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.
15. Warning to reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. Apparatus should not be exposed to dripping or splashing, and objects filled with liquids, such as vases, should not be placed on the apparatus.
16. An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.
17. Do not overload wall outlets and extension cords, as this can result in a risk of fire or electric shock.
18. Do not push objects through any openings in this unit, as they may touch dangerous voltage points or short out parts that could result in fire or electric shock. Never spill or spray any type of liquid into the unit.

FCC/IC Radiation Exposure Statement
The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.

FCC/IC Statement :
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
1) This device may not cause harmful interference, and 2) This device must accept any interference received, including interference that may cause undesired operation.
Note: 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 communication. 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 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.
Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IC-CANADA :
This device complies with Industry Canada license-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. This class (B) digital apparatus complies with Canadian ICES-003.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage; (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

California Prop 65 Warning
WARNING
This product contains chemicals, including lead, known to the State of California to cause cancer and birth defects or other reproductive harm. *Wash hands after handling.*

Disclaimer
• Toshiba shall not be responsible for any damage caused by an earthquake, thunderstorm, fire or other natural disasters, or any damage caused by the user's willful acts or negligence, misuse, or use in abnormal conditions.
• Toshiba shall not compensate for recordings not recorded due to failure of this product.
• Toshiba shall not be responsible for any damage caused by failure to observe the information described in the operation manual.

Disposal
• When disposing of this device, observe the laws, or ordinances and rules of the local government.
• When disposing of the battery, make a request to a recycle agency for disposal.

About using Bluetooth®

This unit is designed for use with Bluetooth® wireless devices compatible with the A2DP and AVRCP streaming audio profiles. Refer to your Bluetooth® device's user manual or technical support to determine if your Bluetooth® device supports these profiles.

- **Frequency band used**
This unit uses the 2.4 GHz frequency band. However other wireless devices may use 2.4 GHz frequency band as well and may cause interference with each other. To avoid interference, please refrain from the use of the unit at the same time with other wireless devices.
- **Certification of this device**
This unit conforms to frequency restrictions and has received certification based on frequency laws, so a wireless permit is not necessary.
However, the following action is punishable by law in some countries:
• Taking apart/modifying the unit.
- **Usage restrictions**
• Wireless transmission and/or use with all Bluetooth® equipped devices is not guaranteed.
• A device featuring the Bluetooth® function is required to conform to the Bluetooth® standard specified by Bluetooth SIG, and be authenticated. Even if the connected device conforms to the above mentioned Bluetooth® standard, some devices may not be connected or work correctly, depending on the features or specifications of the device.
- **Range of use**
Use this device within an unobstructed 10 m range. The range of use or perimeter may be shortened depending on any obstructions, devices causing interference, other people in the room, or the construction of the building. Please note that the range mentioned above is not guaranteed.

The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and are used under license.

5 Listening to Bluetooth® Music

1. Press POWER/FUNCTION button to select the Bluetooth® mode.
The display will show "bt" and the "bt" will start blinking for searching Bluetooth® device and the unit plays the notification sound.
2. Following the instructions in your device's user manual, activate Bluetooth® on your device and search for the unit "TY-CWS9" and connect. Input the password "0000" if required.
3. Select and Play music from the connected Bluetooth device.
4. Adjust the volume on the device or unit to increase or decrease the volume as desired.

- **Notes**
- Press and hold PLAY/PAUSE/MEM.-/PAIR button to disconnect the Bluetooth® device currently connected and connecting another Bluetooth® device. To connect with another device, follow Step 2 procedure above.
- The unit start pairing automatically with the last-paired device when the power is turn ON and Bluetooth is function second time or later.
- You can playback and pause playback by pressing PLAY/PAUSE button.
- You can select a desired track by pressing NEXT and PREV button.
- The Bluetooth® works best within 10 meters.

6 Listening to the radio

Normal reception

1. Press POWER/FUNCTION button to select FM or AM.
 2. Use PREV/FAST BACKWARD/TUN.- or NEXT/FAST FORWARD/TUN.+ button to select a desired station.
- Automatic tuning stop**
Press and hold the PREV/FAST BACKWARD/TUN.- or NEXT/FAST FORWARD/TUN.+ button to start tuning. Tuning stops automatically when a station is received.

Presetting radio stations

You can preset up to 30 radio stations.

Automatic tuning preset

1. Direct the antenna/main unit to the optimal direction and confirm radio signals are being received.
2. Press button to select FM or AM band. Select the band (FM or AM) you want to program.
3. Press and hold PLAY/PAUSE/MEM.-/PAIR button. The device will automatically tune in and preset all of the stations that can be received in your area.

Manual tuning preset

1. Press PREV/FAST BACKWARD/TUN.- or NEXT/FAST FORWARD/TUN.+ button to select a desired station.
 2. Press PROG./MEM./P-MODE button.
"P" is displayed and the number blinks.
While the number is blinking, press PLAY/PAUSE/MEM.-/PAIR or STOP/MEM.+ button to select the desired preset number you want to program.
 3. Press PROG./MEM./P-MODE button again.
 4. If you preset other stations, repeat steps 1 through 3.
- Select the preset radio stations**
Press PLAY/PAUSE/MEM.-/PAIR or STOP/MEM.+ button to select and listen to the stored station directly.
The preset number is displayed for 5 seconds and then the frequency of the radio station is displayed.

- **Note**
- Preset memory will be erased in case the power cord and batteries are removed for more than 1 hour.

For better reception

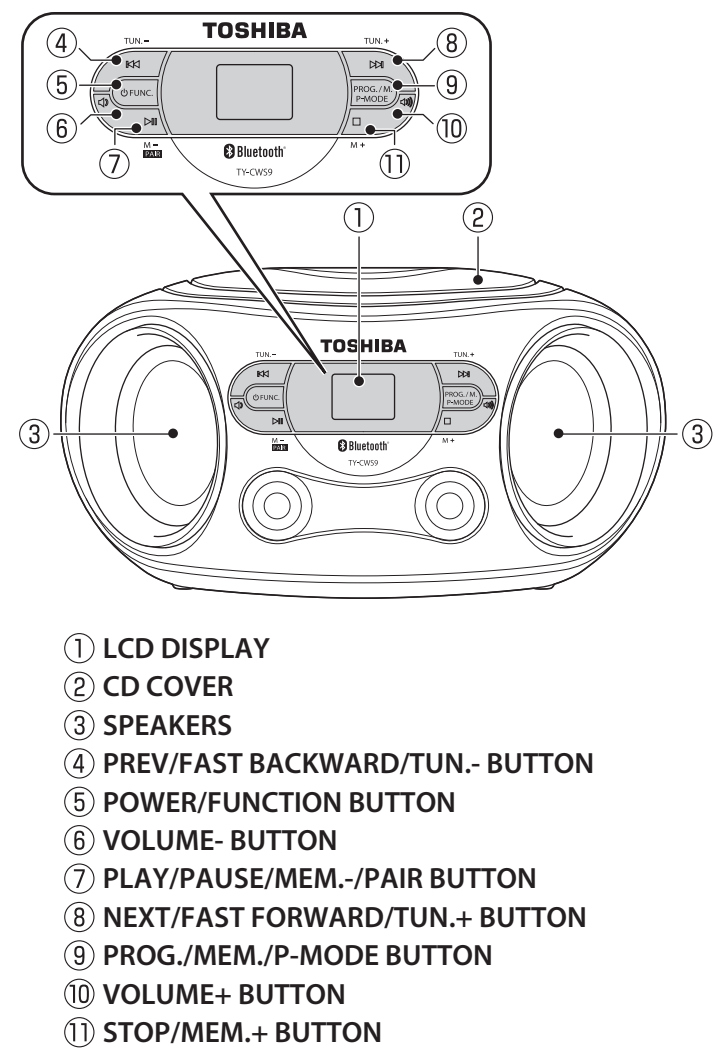
- FM broadcast: Extend the antenna and direct it to the optimal direction where the sound quality is the best.
- AM broadcast: Direct the main unit to the optimal direction where the sound quality is the best.

7 Listening to the external audio product

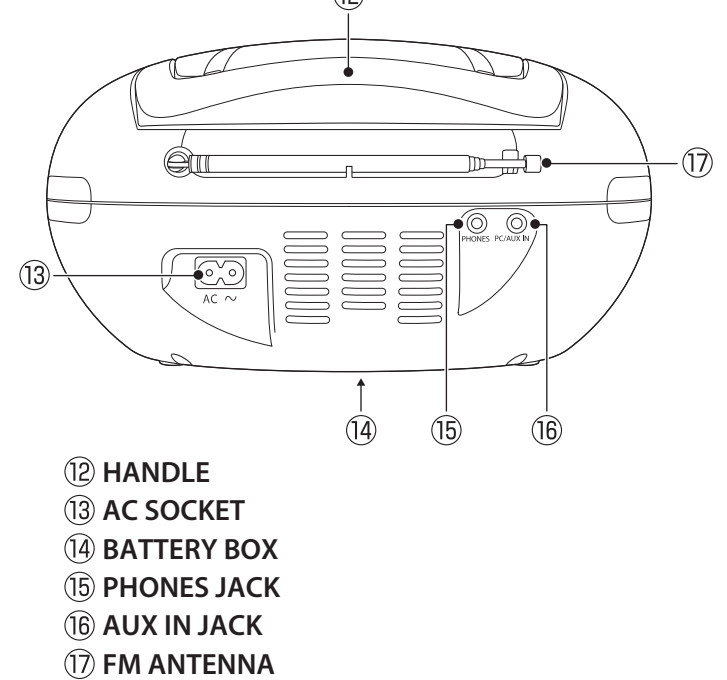
1. Connect AUX IN jack of this device to the headphone terminal of the external audio product with a connection cord with the ø3.5 stereo mini-plug (separate sale).
2. Press POWER/FUNCTION button to select AUX.
3. Replay the external audio product.
4. Adjust the volume with VOLUME- or + button.

1 Part names

[Front]



[Back]



8 Maintenance method

- CD pickup (lens)**
If the lens in the CD mount is stained, the CD may skip or become unable to play. Blow the lens a few times with a commercially available blower, and remove the dust using the tip of a brush. To remove stains such as fingerprints, damp a cotton swab with commercially available lens cleaner, and wipe the lens lightly with it by drawing circles outward from the center.
- **Condensation**
Condensation (water drops) may occur on the internal lens when the ambient temperature changes suddenly.
The device may not play a CD normally in this state. In this case, remove the CD, leave the device in the location of use for about an hour, and then start using the device.
 - **Do not use benzene or thinner, etc. Do not spray any volatile chemical such as insecticide on the cabinet.**

9 When you suspect a failure

Phenomenon	Cause	Remedy
Common unit		
No sound	• The power plug is disconnected. • The batteries are low. • The volume level is low. • Headphones are plugged in.	• Insert the plug fully. • Replace the batteries. • Adjust the volume level. • Remove the headphones.
CD player unit		
Replay does not start	• The CD is upside down. • The CD is stained. • The lens of the CD mount is stained.	• Insert the CD with the label facing up. • Replace the CD. • Perform cleaning.
The CD skips	• The CD has large scratches or warp. • The device is in a location with vibrations. • The lens of the CD mount is stained.	• Replace the CD. • Place it in a location where there is no vibration. • Perform cleaning.
Replay stops	• The power cord is connected while the device is playing with batteries.	• Remove the power cord and batteries, and try again.
Radio unit		
A lot of noise	• The device is affected by power supply noise. • The device is affected by noise due to a motor, electric appliance such as fluorescent lights, or TV. • The radio wave is weak.	• Remove the power cord and insert it again. • Keep the device away from the noise source. • Turn off the TV. • Adjust the antenna.

- **Notes**
- If the display or operation becomes abnormal while a CD is being played, press and hold, then release POWER/FUNCTION button, remove the power cord, remove the batteries, connect the power cord again, and press POWER/FUNCTION button.
- Part of the cabinet may be slightly hot when the device is used for a long time. This is not a failure.

10 Specifications

CD player unit	
Number of channels	2-channel stereo
Playable discs	CD (discs recorded in the CD-DA format) CD-R/RW (discs recorded in CD-DA and CD-ROM format)
Bluetooth® section	
Bluetooth® specification	Ver. 2.1+EDR
Wireless equipment classification	Class 2
Supported profile	A2DP, AVRCP
Frequency	2.402-2.480 GHz (2.4 GHz ISM segment)
Service distance	Up to 10 m
Radio unit	
Receiving frequency	AM: 520 KHz to 1710KHz FM: 87.5MHz to 108MHz
Common unit	
Actual maximum output	1.2W + 1.2W
Speaker	ø 65mm cone type (BQ) × 2
Headphone output terminal	ø 3.5 stereo mini-jack
External input terminal	ø 3.5 stereo mini-jack
Battery life	Radio reception: Approx. 38 hours CD playback: Approx. 15 hours
Power supply	120VAC, 60Hz 9VDC, R14/C size battery × 6 (sold separately)
Power consumption	14W
Maximum outside dimensions	Approx. 240 (W) × 225 (D) × 126 (H) mm (Including protrusions such as buttons and knobs. The handle is not included.)
Weight	Approx. 1.3kg (without batteries)
Accessories	Power cord, operation manual

The specifications and appearance may be changed for modification without prior notice.

TOSHIBA LIFESTYLE ELECTRONICS TRADING CO.,LTD.
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