

TOSHIBA



TY-CWU500

Operation Manual

Thank you for purchasing the CD/USB/SD/Radio with Bluetooth. To use this product safely, read and understand this operation manual thoroughly before using. After reading this manual, keep it in a safe place so that it can be referred to when necessary.



5016500

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 levels of danger or damage that may occur due to wrong handling.

Description of signs

WARNING Indicates that there is a risk of death or serious injury. **CAUTION** Indicates that there is a risk of minor injury or property damage.

What to do in the case of an abnormality

WARNING Stop using the device immediately in the case of an abnormality or failure. Remove the power plug fully into an AC receptacle. If you find dust on the power plug pin or pin installation surface, remove the power plug and remove the dust. The mains plug or an appliance coupler is used as a disconnecting device, the disconnecting device shall remain readily operable. Do not insert or remove the power plug with a wet hand. Observe the following when handling the power cord. Do not damage it. Do not pull it. Do not twist it. Do not use the device immediately in the case of an abnormality or failure. Remove the power plug immediately, and contact your dealer for a repair. 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 To reduce the risk of fire, electric shock or product damage, insert the power plug fully into an AC receptacle. The mains plug or an appliance coupler is used as a disconnecting device, the disconnecting device shall remain readily operable. Do not insert or remove the power plug with a wet hand. Observe the following when handling the power cord. Do not damage it. Do not pull it. Do not twist it. Do not use the device immediately in the case of an abnormality or failure. Remove the power plug immediately, and contact your dealer for a repair. It may cause a fire or electric shock. Remove the power plug immediately, and contact your dealer for a repair.

CAUTION If the device will not be used for a long time, remove the power plug from the receptacle. 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.

Usage

WARNING To reduce the risk of fire, electric shock or product damage, do not disassemble, repair, or modify the device. Do not insert any foreign object into the device. In case of lightning, do not touch the antenna and power cord.

CAUTION 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 device. 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.

CAUTION Before carrying the device, retract the antenna and remove the power plug from the receptacle. Do not insert your hand into the CD insertion slot. Do not place a heavy object on the device. Do not turn up the headphone volume too much. 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.

Installation

WARNING To reduce the risk of fire, electric shock or product damage, place the unit on a flat surface away from sources of direct sunlight or excessive heat. Do not install the device in a confined or build-in space such as a book case or similar area, and keep it under a well-ventilated condition. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains, etc. Do not expose the device to rain, moisture, dripping, or splashing. Do not place objects filled with liquids, such as vases, on the device.

Battery

CAUTION Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type. Observe the following when handling dry batteries. Do not use any battery other than specified. Do not insert the batteries in a wrong direction. Do not charge, heat, disassemble, or 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 mix old and new batteries or different types at the same time. Do not wet the battery with water. Do not touch it with a wet hand. Do not expose the battery to excessive heat such as under the sun or near the fire or the like. 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 the doctor. If the battery fluid spills over the device, wipe it off without touching the fluid. If the device will not be used for a long time, remove the dry batteries from the device.

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

FCC 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. Changes or modi cations not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Disclaimer

Toshiba shall not be responsible for any damage caused by an earthquake, thunderstorm, flood damage, fire for which Toshiba is not responsible, acts of a third party, other accidents, or damages caused by the user's willful acts or negligence, misuse, or use in abnormal conditions. Toshiba shall not be responsible for any damage caused by failure to observe the information described in the operation manual.

Disposal

When disposing of the device, observe the laws, or ordinances and rules of the local government.

About Using Bluetooth®

This unit is designed for use with Bluetooth® wireless devices compatible with the HFP, HSP, 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.

Instructions in this manual are explained mainly using the remote control.

Power supply

When using AC power supply

1 Insert the supply plug of the attached power cord fully into the power supply terminal on the back.

2 Insert the power plug into an AC receptacle.

Notes

- Before inserting or removing the power cord, press the [STANDBY/POWER] button to turn off the power.
- The unit is not disconnected from the mains as long as it is connected to the AC outlet, even if the unit itself has been turned off.

Using dry batteries (sold separately)

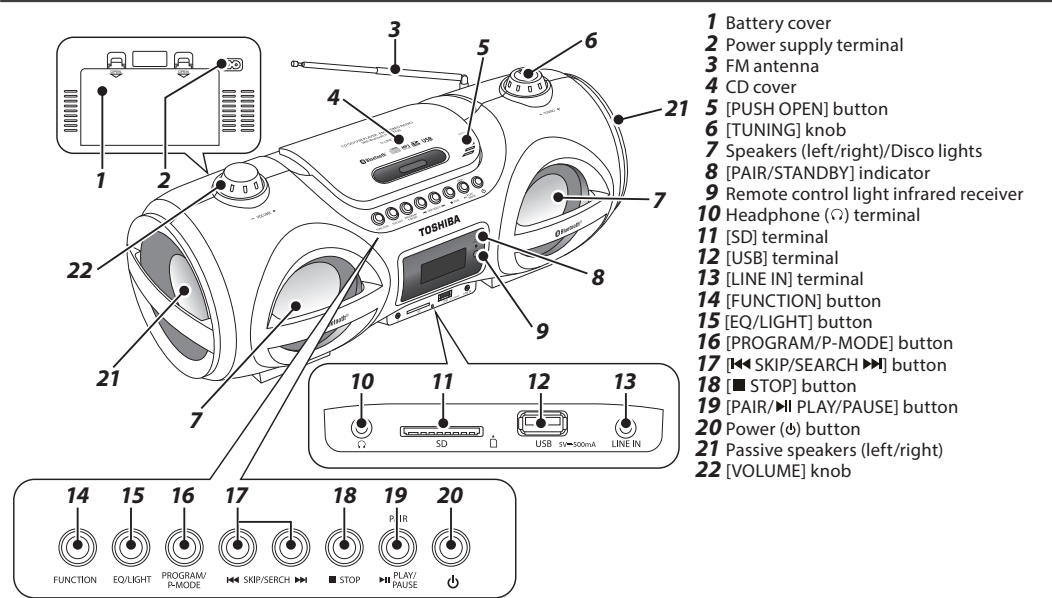
Open the battery cover. Insert eight R20 (D size) batteries (sold separately), and close the cover.

- 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.

Part names



Accessories

Remote control (batteries not included) 1set Power cord 1set Operation manual 1set

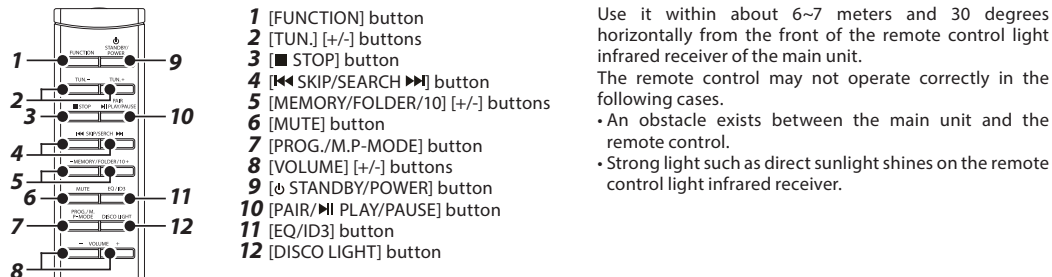
Replacing the remote control battery

1 Remove the battery compartment cover on the back of the remote control.

2 Load two R03 (AAA size) batteries into the battery compartment making sure that the batteries have been inserted with the correct polarities matching the systems +, -, as indicated inside the battery compartment.

3 Replace the cover.

Using the remote control



Use it within about 6-7 meters and 30 degrees horizontally from the front of the remote control light infrared receiver of the main unit.

The remote control may not operate correctly in the following cases. An obstacle exists between the main unit and the remote control. Strong light such as direct sunlight shines on the remote control light infrared receiver.

Listening to Bluetooth® Music

You can enjoy audio from a Bluetooth® enabled device which connects with wireless, through the speakers of this unit. When connecting with Bluetooth® enabled device, it is necessary to register the devices in advance. This registration is called pairing. Setting will be maintained even though the power is turned off upon pairing. It will be automatically connected to the device last connected if the power is turned on once again.

In order to use this unit for music playback through Bluetooth®, the unit must first be paired with the Bluetooth® device.

Notes Enable Bluetooth® functions on the connecting Bluetooth® enabled device. In addition, make sure the distance between this unit and the device is within 10 m. Since the pairing procedure can vary by device, please consult the user manual of your device.

1 Press the [STANDBY/POWER] button.

2 Press the [FUNCTION] button, and set the Bluetooth® functions of this unit into receiving mode.

"BLUETOOTH" is displayed and the [PAIR/STANDBY] indicator blinks.

3 Set the Bluetooth® enabled device into outgoing mode.

- Following the instructions on your device's user manual, activate Bluetooth® on your device and search for devices. Once you have found "TY-CWU500", pair to the unit. Input the password 0000 if required.
- Once connected, "BLUETOOTH" is displayed, and the [PAIR/STANDBY] indicator is lights.
- If the unit cannot connect to the bluetooth device within 2 minutes, press and hold the [PAIR/PLAY/PAUSE] button to reconnect the unit and device.

4 Replay your Bluetooth® device.

You can hear a sound from the speaker of this unit. Operate Playback, Stop, etc. on your Bluetooth® enabled device. Adjust the volume level on this unit.

Disconnect Bluetooth® device when replay is over.

Common operation

How to use the buttons Press: means to press the button briefly and then release it (less than 2 seconds). Press and hold : means to continue to press the button for a longer period of time (2 seconds or more).

Volume adjustment	Press the [VOLUME] button on the remote control or turn the [VOLUME] knob on the unit.
Using headphones	Plug the stereo headphones with a Ø3.5 stereo mini-plug (commercially available) into the headphone terminal. While the headphones are plugged in, the sound does not come from the speaker.
Turning off the power	Press the [STANDBY/POWER] button on the remote control or the power button on the unit.
Equalizer function	Press the [EQ/ID3] button to select the sound quality from "FLAT", "CLASSIC", "ROCK", "POP", and "JAZZ".
Mute function	Press the [MUTE] button to mute the sound. Press again to restore the sound. Press the [DISCO LIGHT] button on the remote control or press and hold the [EQ/LIGHT] button on the unit. The color changes to blue, red, green, light blue, violet, light green, white and them to continuously changing between the 7 different colors. Select "LIGHT OFF" to turn the lights off.
Lighting	

Listening to a CD/USB/SD

About music CDs , MP3 and SD

- Do not use any disc that is not round. If a disc with a special shape (heart, card, etc.) is used, the disc may pop out due to high speed rotation, causing an injury.
- For CD-R and CD-RW discs, commercially available general discs recorded in the music recording standard format (CD-DA* format) and discs recorded in the MP3 audio format can be played.
- A disc with low reflection rate may not be read.
- Nonstandard discs such as copy-control CDs and special-shaped discs cannot be played.
- Do not open the CD door during replay. Doing so may damage the CD.
- If the CD has any scratch, fingerprints, or dust on it, it may not be played. It may skip or stop even if it can be played partially.
- Mount the CD onto the catcher of the disc table firmly. Mounting it incorrectly may damage the CD or cause a failure.
- If the CD is not mounted correctly or the disc is unreadable, "NO DISC" is displayed and the CD cannot be played.
- Store a CD in the dedicated case. Handle a CD carefully not to stain or damage the CD surfaces.
- Do not attach any paper or sticker on the CD surfaces. It may cause decelerating or wobbling, making it unreadable.
- Do not place a CD in a place with high temperature such as a place with direct sunlight or near a heater. The CD may be deformed and become unreadable.
- Before inserting a CD, wipe off any dust or fingerprints on the replay surface with a soft cloth.
- Do not use thinner, benzene, or alcohol because they damage the information surface of the CD, making it unreadable.

Normal play

- Press the [STANDBY/POWER] button. The power will be turned on in the last-used state (CD / TUNER / USB / CARD / BLUETOOTH / LINE IN).
- Press the [FUNCTION] button to switch the source to CD, USB or SD. Select "CARD" to load an SD card.
- Open the CD cover, mount the CD with its printed face up, and then close the CD cover. Insert the USB memory into the [USB] terminal. Insert the SD card into the [SD] terminal. Commercially available music CD: When loading is complete, the total number of tracks and total play time are displayed. MP3: When loading is complete, the total number of folders and the total number of tracks are displayed.

Function	Operation
Pause	Press the [PAIR/PLAY/PAUSE] button during playback. Playback of the CD/USB/SD is paused. The play time blinks while paused. Press it again to resume playback of the CD/USB/SD.
Track up/down (Cue)	Press the [SKIP/SEARCH] button during playback of the CD/USB/SD or while paused. [M]: Moves to the beginning of the next track. [M]: Moves to the beginning of the current track when pressed once, or to the beginning of the previous track when pressed twice.
Fast forward/rewind	Press and hold the [SKIP/SEARCH] button during playback of the CD/USB/SD or while paused. [M]: Fast-forward [M]: Rewind
Folder up/down	Press and hold the [MEMORY/FOLDER/10] [+/-] button to move to the next/previous folder.
Skip forward/backward by 10 tracks	Press the [MEMORY/FOLDER/10] button during playback of the CD/USB/SD or while paused.

Repeat replay

Press the [PROG./M.P-MODE] button during replay or pause of the CD/USB/SD. One track repeat replay starts. The play mode changes as shown below every time the [PROG./M.P-MODE] button is pressed. During one track repeat, you can change the track by pressing the [SKIP/SEARCH] button.

Play mode	Operation	Display
One track repeat	Repeats the same track.	001 02:34
Folder/directory repeat	Repeats all the tracks in a folder/directory.	001 02:34
All track repeat	Repeats all the tracks of the CD/USB/SD.	001 02:34
Random repeat	Repeats all the tracks of the CD/USB/SD randomly.	001 02:34
Introduction	Plays the introduction of all the tracks on the CD/USB/SD.	001 02:34
Normal	Plays all the tracks of the CD/USB/SD.	001 02:34

Caution

When you press the [STOP] button, replay stops and repeat replay is cancelled.

- Cancelling repeat replay during repeat replay - Press the [PROG./M.P-MODE] button several times until "RAN" or "INTRO" is not displayed any more. The device returns to normal replay.

Programmed replay

Up to 20 tracks for an Audio CD or 99 tracks for an MP3 can be programmed to play back in any order.

- Press the [PROG./M.P-MODE] button during a stop to start program setting. "P01" and "PROG" are displayed, and "PROG" blinks. You can program up to 20 tracks for an Audio CD or 99 tracks for an MP3 you like. If you try to program more than the maximum number of tracks, "FULL" is displayed and the programming is refused.
- Press the [SKIP/SEARCH] button to select the desired track number you want to program. Press the [SKIP/SEARCH] button when program number "P01" is blinking.
- Press the [PROG./M.P-MODE] button to enter the track into setting. Display changes to "P02".

To erase the program:

Turn off the power or select another source while CD/USB/SD playback is stopped.

Repeat programmed replay:

Press the [PROG./M.P-MODE] button during programmed replay or pause of the CD/USB/SD. Repeat replay of programmed tracks starts.

Display title, artist, and album name (MP3/USB/SD only)

The unit can display ID3 tag data (title, artist and album name) in an MP3 file. Press and hold the [EQ/ID3] button on the remote control. "ID3 OFF" or "ID3 ON" is shown on the display.

To remove a USB memory or SD card

- Press the [FUNCTION] button to change to 2 Remove the USB memory or SD card from the [USB] terminal or [SD] terminal.

Listening to the radio

Normal reception

1 Press the [STANDBY/POWER] button.

2 Press the [FUNCTION] button to switch to the FM band.

- "TUNER" will be shown on the display.
- The device does not support AM broadcast.

For better reception

- Extend the antenna and direct it to the optimal direction where the sound quality is the best.

Presetting radio stations

You can preset up to 30 radio stations.

- Press the [TUN.] [+/-] button to select the desired station. "MEM" and "P01" are displayed, and the preset number "P01" starts flashing. While the numbers are flashing, press the [MEMORY/FOLDER/10] button on the remote control or the [SKIP/SEARCH] button on the unit to select the desired preset numbers you want to program. If you do not perform the operation within 5 seconds, the device will automatically return to the normal reception mode.
- Press the [PROG./M.P-MODE] button. "MEM" and "P01" are displayed, and the preset number "P01" starts flashing. While the numbers are flashing, press the [MEMORY/FOLDER/10] button on the remote control or the [SKIP/SEARCH] button on the unit to select the desired preset numbers you want to program. If you do not perform the operation within 5 seconds, the device will automatically return to the normal reception mode.
- Press the [PROG./M.P-MODE] button again. "MEM" and preset number are lighting. The preset numbers will be preset.
- If you preset other stations, repeat steps 1 through 3.

- Select the preset radio stations - When radio signals are received, press the [MEMORY/FOLDER/10] button on the remote control or the [SKIP/SEARCH] button on the unit. Each time you press the button, the frequency of the radio station is displayed.

Listening to the external audio device

Use a connection cord with a Ø3.5 stereo mini-plug (sold separately) for connecting your mobile phone or digital audio player to the device.

1 Press the [STANDBY/POWER] button.

4 Replay the external audio device.

2 Press the [FUNCTION] button to switch the source to LINE IN (AUX).

3 Connect the audio output terminal (earphone terminal, headphone terminal, or line-out terminal) of the external audio device to the LINE IN (AUX) terminal of the device (connection cord is sold separately).

Maintenance

Maintenance of the main unit

Wipe off stain lightly with a soft cloth. If stain is severe, wipe it off with a cloth damped with neutral detergent solution and wrung tightly, and dry it with a dry cloth. Do not use benzene or thinner, etc. Do not spray any volatile chemical such as insecticide on the cabinet.

CD pickup (lens)

If the lens in the CD mount is stained, the CD may skip or cannot be played. 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.

When you suspect a failure

Phenomenon	Cause	Remedy
Common unit		
No sound is output.	The power plug is disconnected. The batteries are low. The volume level is low. Headphones are plugged in. The source is not switched properly.	Insert the plug fully. Replace the batteries. Adjust the volume level. Remove the headphones. Switch the device to the proper source.

CD player/USB memory/SD card section		
Replay does not start.	<ul style="list-style-type: none">• The CD is upside down.• The CD is stained.• The MP3 file is not playable.	<ul style="list-style-type: none">• Insert the CD with the label facing up.• Wipe off the dirt.• Make sure the file is a playable MP3 file.
Sound skips.	<ul style="list-style-type: none">• The CD has large scratches or warp.• The device is in a location with vibrations.• The lens of the CD mount is stained.	<ul style="list-style-type: none">• Replace the CD.• Place it in a location where there is no vibration.• Clean the lens.
Device cannot be detected.	<ul style="list-style-type: none">• The device is not connected properly.	<ul style="list-style-type: none">• Connect the device properly.

Radio section		
Hard to listen because of a lot of noises.	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• Remove the power plug and insert it again.• Keep the device away from the noise source.• Turn off the TV.• Adjust the antenna.

Notes If the device does not operate or display properly while the CD/USB/SD is played back, press the [STANDBY/POWER] button once to turn off the power, and remove the power cord and connect it again. Then, set the device back to the CD, USB or SD mode and play back the CD/USB/SD. The cabinet becomes slightly hot in some parts when the device has been used for a long period of time, it is not a failure.

Specifications

Bluetooth section	Common unit
Bluetooth spec.	Bluetooth standard Ver. 3.0+EDR, Class 2
Supported profile	A2DP, AVRCP
Frequency range	2.4GHz (2.402 to 2.480GHz)
Service distance	Approx. 10m
CD player unit	
Number of channels	2-channel stereo
Playable disk	CD (discs recorded in the CD-DA format) CD-R/RW (discs recorded in the CD-DA and MP3)
USB memory section	
Playback format	MP3 (MPEG-1 Audio Layer3)
Supported memory	USB 1.1 or USB2.0
Memory	32MB to 32GB USB memory (sold separately)
Playable USB memory	USB-IF certified product
Radio unit section	
Receiving frequency	FM: 87.5 to 108MHz

The specifications and appearance may be subject to modification without prior notice. The label is located on the bottom enclosure.

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