# **TOSHIBA**

# **TY-ASW8000**

Toshiba CD/USB MINI COMPONENT SYSTEM

### **Operation Manual**

with Bluetooth® Function

Thank you for purchasing the CD/USB MINI COMPONENT SYSTEM with Bluetooth® Function. After reading this manual, keep it in a safe place so that it can be referred to when necessary.



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

### Safety precautions

on 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

### 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 is intended to alert the user to the presence of dangerous voltage within the product's enclosure, and touching the internal components may result in a risk of electric shock to persons.

To reduce the risk of electric shock or fire, do not open the cover. Refer servicing to qualified service personnel



The exclamatory mark is intended to alert the user to the presence of important operating instructions



This mark indicates this unit belongs to class 1 laser product. The laser beam may produce radiation harm to



⚠ **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

• Stop using the device immediately in the case of an abnormality or failure. • Remove the power plug from the receptacle immediately when water or any foreign object enters the N WARNING interior of the device

# ■ Power cord and power plug

It may cause a fire or electric shock. Remove the power plug immediately, and contact your dealer for a repair.

o reduce the risk of fire, electric shock or product damage.

• Insert 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

The mains plug or an appliance coupler is used as a disconnecting device, the disconnecting device shall ↑ WARNING 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 modify it (e.g. extension).

Do not pull it.
Do not place a heavy object on it.
Do not bend it forcefully.
Do not twist it.
Do not bundle it.

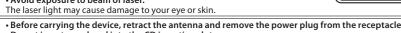
### ↑ CAUTION • If the device will not be used for a long time, remove the power plug from the receptacle.

■ Usage

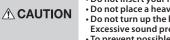
reduce the risk of fire, electric shock or product damage Do not disassemble, repair, or modify the device. Do not insert any foreign object into the device. In case of lightning, do not touch the antenna and power cord.

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 tray 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.



 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

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 **NARNING** openings with items such as newspaper, table-cloths, curtains, etc.

Do not expose the device to rain, moisture, dripping, or splashing.

## ■ Battery

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
 Observe the following when handling dry battery.

Do not use any battery other than specified.Do not insert the battery in a wrong direction

• Do not place objects filled with liquids, such as vases, on the device

Do not charge, heat, disassemble, or short-circuit the battery.

Oo not throw it into fire.

**⚠** CAUTION

Do not use a dry battery whose recommended expiration date has been expired.
 Do not use a depleted dry battery.

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

• If the remote controller will not be used for a long time, remove the dry battery from the remote controller.

## • 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.

## **Important Safety Instructions**

Read these instruction

. Keep these instruction Heed all warnings.

. Follow all instructions

Do not use this apparatus near water

Do not block any ventilation openings. Install in accordance with the manufacturer's instructions

3. Do not install néar any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce

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. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they

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 of the ahas been exposed to rain or moisture, does not operate normally, or has been dropped. 15. 🗖 This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require

a safety connection to electrical earth.

16. No naked flame sources, such as lighted candles, should be placed on the apparatus.

17. Attention should be drawn to environmental aspects of battery disposal. 18. The product is designed to use in moderate climates.

# **FCC Radiation Exposure Statement**

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

### 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. lote: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of th

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 th 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

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 ndesired operation of the device.

his Class [B] digital apparatus complies with Canadian ICES-003.

Cet appareil s'accorde avec Industrie Canada licence-exempte RSS standard. (1) cet appareil ne peut pas causer l'intervention, et (2) cet appareil doit accepter de l'intervention, y compris l'intervention qui peut causer l'operation non desiree de. Cet appareil numerique de la classe B est conforme a la norme NMB-003 du Canada.

### California Prop 65 Warning:

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

### 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 operatio

## 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 $^{\circ}$  wireless devices compatible with the HFP, HSP, A2DP and AVRCP streaming audio profiles.  $Refer to your Blue to oth {\tt \$} device's user manual or technical support to determine if your Blue to oth {\tt \$} device supports these profiles.$ 

### ■ Frequency band used

wireless devices may use 2.4 GHz frequency band as well and devices is not guaranteed. may cause interference with each other. To avoid interference, • A device featuring the Bluetooth® function is required to

■ Certification of this device This unit conforms to frequency restrictions and has received or specifications of the device. This unit conforms to frequency least state of the certification based on frequency laws, so a wireless permit is not 

Range of use

· Taking apart/modifying the unit.

# Usage restrictions

This unit uses the 2.4 GHz frequency band. However other • Wireless transmission and/or use with all Bluetooth® equipped

please refrain from the use of the unit at the same time with other conform to the Bluetooth® standard specified by Bluetooth SIG, wireless devices. the above mentioned Bluetooth® standard, some devices may not be connected or work correctly, depending on the features

However, the following action is punishable by law in some 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.

13 [▲] Eject button

15 [FM ANTENNA] terminal

17 [SPEAKER LIGHT] terminals

16 [LINE IN-2] terminal

4 Remote control light infrared received

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

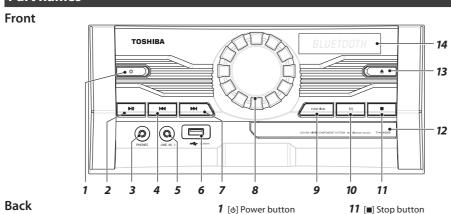
# Power supply

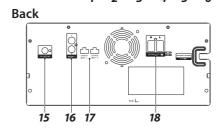
Insert the power plug into an AC receptacle.

necessary.

Before disconnecting the power plug, press the [Ø] 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.

## Part names





**1** [៤] Power button [►II] Play/Pause buttor 3 [PHONES] headphones 4 [₩] Previous/Backward 5 [LINE IN-1] terminal [•♣] USB terminal **7** [▶▶] Next/Fast forward button **8** Volume knob 9 [FUNCTION] buttor

Accessories

te control (one battery included) 1 set

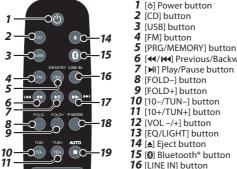
# ■ Replacing the remote control battery

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

2 Load one R03 (AAA size) battery into the battery compartment making sure that the battery has been inserted with the correct polarities matching the symbols +, - as indicated inside the battery compartment.

Replace the cover.

## ■ Using the remote control



17 [►►/►►] Next/Fast forward button **18** [P-MODE] button 19 [■/AUTO] Stop/Auto button [◀◀/┫] Previous/Backward button

receiver of the main unit.

remote control. · Strong light such as direct sunlight shines on the remote control light infrared receiver.

## Installing/connecting the speakers

## Speaker installation

Place the left (with white connector) and right (with red connector) speakers properly

### ■ Speaker connection

Connect the left speaker (with white connector) to the SPEAKER OUT L terminal and SPEAKER LIGHT-L terminal, and the right speaker (with red connector) to the SPEAKER OUT R terminal and SPEAKER LIGHT-R terminal

### 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)

Turning on/off the power	Press the [ø] button on the remote control or on the unit.
Volume adjustment	Press the [VOL] button on the remote control or turn the Volume knob on the unit.  • When the power is turned off then on, the volume level is automatically set to "14".
Equalizer function	Press the [EQ] button to select the sound quality from "FLAT", "ROCK", "POP", "CLASSIC and "JAZZ".
Mute function	Press the [4] button to mute the sound. Press again to restore the sound.

### Listening to Bluetooth® Music

ou 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. Enable Bluetooth® functions on the connecting Bluetooth® enabled device. In addition, make sure the distance between this unit and the

 $\bullet \ \, \text{Since the pairing procedure can vary by device, please consult the user manual of your device.} \\$ 1 Press the [6] button.

# 2 On the remote control: Press [0] button

On the unit: Press [FUNCTION] button repeatedly to switch the source to "BT".

# 3 Set the Bluetooth® enabled device into outgoing mode.

When the device is already paired, go to step 4. • Following the instructions on your device's user manual, activate Bluetooth\* on your device and search for devices. Once you have found "TY-ASW8000", pair to the unit. Input the password 0000 if required.

For CD-R and CD-RW discs, commercially available general • After an MP3 disc is loaded, the total number of folders and the

• Do not use thinner, benzene, or alcohol because they damage • If the data inside the USB memory is large, it may take longer to

are displayed.

and elapsed time is displayed.

The maximum number of folders that can be played is 99. The

for music recording used for general audio CDs

connected to the USB memory terminal.

4 Press the [►II] button.

button is not pressed.

The playback starts from the track number

**5** To stop playback, press the [■] button.

Replay stops when all the tracks are finished even if the [■

### • Once connected, Paring/Connected sound is heard "BT" stays lit. 4 Replay your Bluetooth® device.

Listening to a CD/USB

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.

• To cancel the Bluetooth® pairing, press and hold the [8] button for about 3 seconds. Cancel/Disconnected sound is heard. • To connect another Bluetooth® device, disconnect current device, then operate to connect another device.

■ About music CDs and MP3 • Do not use any disc that is not round. If a disc with a special • After a music CD is loaded, the total number of tracks is shape (heart, card, etc.) is used, the disc may pop out due to high displayed. Once replay starts, the track number being played speed rotation, causing an injury.

discs recorded in the music recording standard format (CD- total number of tracks are displayed. Once replay starts, the DA\* format) and discs recorded in the MP3 audio format can be folder number and track number being played and elapsed time

 A disc with low reflection rate may not be read Nonstandard discs such as copy-control CDs and special-shaped discs cannot be played.
 MP3 discs in the MP3 (MPEG Audio Layer-3) format can be played. • Do not open the CD door during replay. Doing so may damage • CD-DA stands for "Compact Disc Digital Audio." It is a standard

• If the CD has any scratch, fingerprints, or dust on it, it may not • TOSHIBA will not be held liable for the loss of data whilst the USB be played. It may skip or stop even if it can be played partially. memory is connected to the audio system Mount the CD onto the catcher of the disc table firmly. Mounting
 Files compressed in MP3 format only can be played back when it incorrectly may damage the CD or cause a failure. If the CD is not mounted correctly or the disc is unreadable, "NO • This USB memory's format supports FAT 16 or FAT 32.

DISC" is displayed and the CD cannot be played. •TOSHIBA cannot guarantee that all USB memory devices will • Store a CD in the dedicated case. Handle a CD carefully not to work on this audio system. • USB cable is not recommended for use in this audio system to stain or damage the CD surfaces. • Do not attach any paper or sticker on the CD surfaces. It may connect to USB memory. Use of the USB cable will affect the

performance of this audio system. cause decentering or wobbling, making it unreadable. Do not place a CD in a place with high temperature such as a • This USB memory cannot be operated via USB hub place with direct sunlight or near a heater. The CD may be • The USB terminal in this unit is not intended for a PC connection and is only intended for use with USB memory. deformed and become unreadable. Before inserting a CD, wipe off any dust or fingerprints on the • External HDD-storage cannot be played back via USB memory

### the information surface of the CD, making it unreadable. ■ Normal play

Folder up/down

by 10 tracks

Skip forward/backward

replay surface with a soft cloth.

1 Press the [b] button. The power will be turned on in the last-used state ("DISC"/"USB"/"TUNER"/"LINE IN-1"/"LINE IN-2"/"BT").

2 CD: Press the [▲] button to open the CD tray, mount the CD with its printed face up, and then close the CD tray. USB: Insert the USB memory into the [←]

terminal. 3 On the remote control: Press [CD] or [USB] button. On the unit: Press [FUNCTION] button repeatedly

to switch the source to "DISC" or "USB". 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. Operation Function ress the [Ⅶ] button during playback. ayback of the CD/USB is paused Pause ess it again to resume playback of the CD/USB Press the [[44]/[] button during playback of the CD/USB or while paused. [>>]: Moves to the beginning of the next track. Track up/down (Cue) $\P$ : Moves to the beginning of the current track when pressed once, or to the beginning of the previous track when pressed twice. Fast forward/ Press and hold the [₩]/[▶№] button during playback of the CD/USB. backward >> I: Fast-forward [►< I: backward

Press the [FOLD +]/[FOLD -] button to move to the next/previous folde

Press the [10+/TUN+]/[10-/TUN-] button during playback of the CD/USB or while paused.

### ■ Repeat/Random replay

Each time [P-MODE] is pressed, the replay mode changes as follows. • During one track repeat, you can change the track by pressing the [◄]/[►] button.

lay mode		Operation	Display
	One track repeat (REP ONE)	Repeats the same track.	"REP" mark is displayed.
(1)	Folder/directory repeat (REP FLD)	Repeats all the tracks in a folder/directory.	"REP" mark is displayed.
_	All track repeat REP ALL)	Repeats all the tracks of the CD/USB.	"REP" and "ALL" marks are displayed.
	Random play RANDOM)	Plays all the tracks of the CD/USB randomly.	
-	Off (OFF)	Cancels replay mode and return to normal replay.	

## ■ Programmed replay

1 Press the [PRG/MEMORY] button during a stop to start program setting.

Track number and "PR01" are displayed 2 Press the [⋈]/[⋈] button to select the desired track number you want to program.

[FOLD +]/[FOLD -]. 3 Press the [PRG/MEMORY] button to enter the track into setting.

# 4 To program another track number, repeat steps

You can program up to 20 tracks for an Audio CD or 99 tracks for an MP3 you like.  ${\boldsymbol{\cdot}}$  If you try to program more than the maximum number of

# **5** To finish the program setting, and replay the program play, press the [ℕ] button.

 $Programmed\ replay\ of\ the\ track\ selected\ for\ Program\ 1\ starts.$ 

# To erase the program:

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

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

■ To remove a USB memory

1 Select a source other than USB.

1 Press the [b] button.

3 Press the [10+/TUN+]/[10-/TUN-] button to tune in the station Press and hold the [10+/TUN+]/[10-/TUN-]

button to perform automatic tuning. Tuning stops automatically when a station is received. Automatic tuning may stop due to reception noise. In such a case, perform the automatic tuning again. • When receiving a stereo radio broadcast, "ST" mark is

# ■ Presetting radio stations

Manual tuning preset

2 Press the [PRG/MEMORY] button. 'P01" is displayed, and the preset number "P01" start • While the numbers are flashing, press the [I◀]/[▶] button 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

Preset number is lighting. The preset numbers will be preset. 4 If you preset other stations, repeat steps 1 through 3.

# Select the preset radio stations

When radio signals are received, press the [⋈]/[⋈] button. • Each time you press the button, the Preset number and frequency of the radio station is displayed.

Listening to the external audio device You can connect external audio device to this unit and output sound from the speaker. You can adjust the volume level

2 Connect an external audio device (such as mobile phone, digital audio player, portable player, etc.) to the unit.

3 On the remote control: Press [LINE IN] button repeatedly to swith the source to "LINE IN1" or "LINE IN2" On the unit: Press [FUNCTION] button repeatedly

to switch the source to "LINE IN1" or "LINE IN2".

## Enjoying speaker illumination

ou can enjoy speaker illumination while the power is on. ■ To turn on the speaker light

1 Press the [6] button.

2 Press and hold the [EQ/LIGHT] button repeatedly to select the illumination mode

	the [«/L1 COLOR] button repeatedly to select the color ("BLUE"/"YELLOW"/"CYAN"/"PURPLE"/"WHITE"/ "RED"/"GREEN").
L2	Flashes the light and changes the color continuously.
L3	Lights and changes the color continuously.
L4	Flashes the light in white.
OFF	Turn the light off.

the [P-MODE] button during replay or pause of the	CD/US

Play mode		Operation	Display
	One track repeat (REP ONE)	Repeats the same track.	"REP" mark is displayed.
$\uparrow$	Folder/directory repeat (REP FLD)	Repeats all the tracks in a folder/directory.	"REP" mark is displayed.
$\bigcup_{\lambda}$	All track repeat (REP ALL)	Repeats all the tracks of the CD/USB.	"REP" and "ALL" marks are di
	Random play (RANDOM)	Plays all the tracks of the CD/USB randomly.	
	Off	Cancels replay mode and return to normal replay.	

# When you press the $[\blacksquare/AUTO]$ button, replay stops and repeat/random replay is cancelled.

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

2 and 3.

### tracks, "FULL" is displayed and the programming is refused. • While playing MP3 tracks, you can change folder by pressing

• Pressing the [■/AUTO] button also can finish the program • If you press the [ℍ]/[ℍ] button, the previous or next programmed track will be played.

**2** Remove the USB memory from the [←] terminal.

Display changes to "PR02"

# Listening to the radio

Preparation Connect the FM wire antenna to the [FM ANTENNA] termina

# ■ Tuning in to the FM station

2 On the remote control: Press [FM] button. On the unit: Press [FUNCTION] button repeatedly to switch the source to "TUNER".

The device does not support AM broadcast

For better reception, extend the FM wire antenna and direct it to the optimal direction where the sound quality is the best.

### You can preset up to 30 radio stations. Automatic tuning preset Press and hold the [■/AUTO] button. The device will automatically tune in and preset all of the stations that can be received in your

press and hold the [10+/TUN+]/[10-/TUN-]

Button or button to select the desired extra property of the propert 1 Press the [10+/TUN+]/[10-/TUN-] button or button to select the desired station.

1 Press the [b] button.

 To connect a device using connection cord with a ₱3.5 stereo mini-plug: connect a device to the [LINE IN-1] terminal on **4** Replay the external audio device. the front panel. Use "LINE IN1" as the source device to the [LINE IN-2] terminals on the rear panel. Use

"LINE IN 2" as the course." •To connect a device using RCA audio cable: connect a

L1 Turn the light on. To change the color, press and hold

# Remote control

20 [«] MUTE/[L1 COLOR] butto

• An obstacle exists between the main unit and the

Use it within about 8 meters and 30 degrees horizontally from the front of the remote control light infrared

Do not use any battery other

The remote control may not operate correctly in the

## 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.

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 volume level is low. The source is not switched properly.	Insert the plug fully.     Adjust the volume level.     Switch the device to the proper source.
Speaker		
No sound is output from speakers.	• The speaker cord is disconnected.	• Connect the speaker cord to the SPEAKER OUT terminals firmly.
The speaker does not light up.	• The cord to SPEAKER LIGHT is disconnected.	Connect the cord to the SPEAKER LIGHT terminals firmly.
CD player/USB memory :	section	
Replay does not start.	The CD is upside down. The CD is stained. The MP3 file is not playable.	Insert the CD with the label facing up.     Wipe off the dirt.     Make sure the file is a playable MP3 file.
Sound 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. Clean the lens.
Device cannot be detected.	• The device is not connected properly.	Connect the device properly.
Radio section		
Hard to listen because of a lot of noises.	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 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 is played back, press the [b] button once to turn off the power, and disconnect the power plug and connect it again. Then, set the device back to the CD or USB mode and play back the CD/USB.

• 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. 2.1+EDR,	Power Supply
	Class 2	Power consumption
Supported profile	A2DP, AVRCP	Actual maximum
Frequency range	2.4GHz (2.402 to 2.480GHz)	output
Service distance	Approx. 10m	Speaker
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)	LINE IN input termina
USB memory section	<u> </u>	Maximum outside
Playback format	MP3 (MPEG-1 Audio Layer3)	Mass
Supported memory	USB 1.1 or USB2.0	Accessories
Memory	32MB to 32GB USB memory (sold separately)	The specifications and a without prior notice.
Playable USB memory	USB-IF certified product	The label is located on
Radio unit section		
Receiving frequency	FM: 87.5 to 108MHz	

Common unit		
Power Supply	AC 100-240V 50/60Hz	
Power consumption	150 W	
Actual maximum output	200 W × 4	
Speaker	Speaker unit: $\phi$ 209 mm cone type (3 $\Omega$ ) × 2 Dimension : 310 (D) × 273 (W) × 415 (H) mm Mass: Approx. 6.25 kg × 2	
LINE IN input terminal	LINE IN-1: \$\phi_3.5\$ stereo mini-jack LINE IN-2: Audio L/R output (RCA)	
Maximum outside	782 (D) × 355 (W) × 484 (H) mm	
Mass	Approx. 18.6 kg	
Accessories	Remote control (Battery included), FM wire antenna, Operation Manual	

on the bottom enclosure.

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