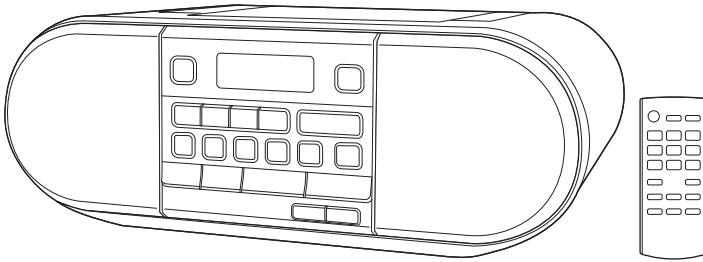# Panasonic®

Operating Instructions
Portable Stereo CD System
Model No. RX-D550

Thank you for purchasing this product.
Please read these instructions carefully before using this product, and save this manual for future use.

About descriptions in these operating instructions
● Pages to be referred to are indicated as "→ ○○".
● Unless otherwise indicated, operations are described using the remote control. You can also use the controls on this unit if they are the same.

Table of contents

Accessories

Check the supplied accessories before using this unit.

☐ **1 Remote control**
(N2QAYB001261)

☐ **1 Battery for remote control**

☐ **4 AC mains leads**

📖

● Please use the supplied AC mains lead suitable for the household mains socket.
● Do not use AC mains lead with other equipment.
● Product numbers provided in these operating instructions are correct as of February 2021. These may be subject to change.

Safety precautions

WARNING

Unit

- To reduce the risk of fire, electric shock or product damage,
  – Do not expose this unit to rain, moisture, dripping or splashing.
  – Do not place objects filled with liquids, such as vases, on this unit.
  – Use the recommended accessories.
  – Do not remove covers.
  – Do not repair this unit by yourself. Refer servicing to qualified service personnel.
  – Do not let metal objects fall inside this unit.
  – Do not place heavy items on this unit.

AC mains lead

- To reduce the risk of fire, electric shock or product damage,
  – Ensure that the power supply voltage corresponds to the voltage printed on this unit.
  – Insert the mains plug fully into the socket outlet.
  – Do not pull, bend, or place heavy items on the lead.
  – Do not handle the plug with wet hands.
  – Hold onto the mains plug body when disconnecting the plug.
  – Do not use a damaged mains plug or socket outlet.
- The mains plug is the disconnecting device.
  Install this unit so that the mains plug can be unplugged from the socket outlet immediately.

CAUTION

Unit

- This unit utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- Do not place sources of naked flames, such as lighted candles, on this unit.
- This unit may receive radio interference caused by mobile telephones during use. If such interference occurs, please increase separation between this unit and the mobile telephone.
- This unit is intended for use in moderate and tropical climates.
- Be careful when adjusting the antenna or in handling the unit, always keep the antenna away from your face to avoid an injury.

Placement

- Place this unit on an even surface.
- To reduce the risk of fire, electric shock or product damage,
  – Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure this unit is well ventilated.
  – Do not obstruct this unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.
  – Do not expose this unit to direct sunlight, high temperatures, high humidity, and excessive vibration.

Avoid the use in the following conditions

- High or low extreme temperatures during use, storage or transportation.
- Replacement of a battery with an incorrect type.
- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
- Extremely high temperature and/or extremely low air pressure that can result in an explosion or the leakage of flammable liquid or gas.

Battery

- Do not use rechargeable type batteries.
- Danger of explosion if battery is incorrectly replaced. Replace only with the type recommended by the manufacturer.
- Mishandling of batteries can cause electrolyte leakage and may cause a fire.
  – Remove all batteries from the unit and the remote control when not in use for a long period of time. Store in a cool, dark place.
  – Do not heat or expose to flame.
  – Do not leave the battery(ies) in a car exposed to direct sunlight for a long period of time with doors and windows closed.
  – Do not take apart or short circuit.
  – Do not recharge alkaline or manganese batteries.
  – Do not use batteries if the covering has been peeled off.
- Do not mix old and new batteries.
- Do not use different types of batteries at the same time.
- When disposing of the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.

The symbols on this product (including the accessories) represent the following:

$\sim$	AC
$=\!=\!=$	DC
⊡	Class II equipment (The construction of the product is double-insulated.)
I	On
⏻	Standby

(For the AC mains plug of three pins)

How to replace the fuse

The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below.
Illustrations may differ from actual AC mains plug.

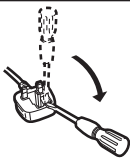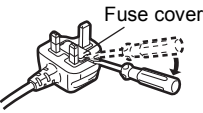1. Open the fuse cover with a screwdriver.

Figure A   Figure B
Fuse cover

2. Replace the fuse and close or attach the fuse cover.

Figure A   Figure B
Fuse (5 ampere)   Fuse (5 ampere)
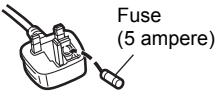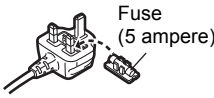
For Thailand

This telecommunication equipment conforms to NTC/NBTC technical requirement.

Disposal of Old Equipment and Batteries
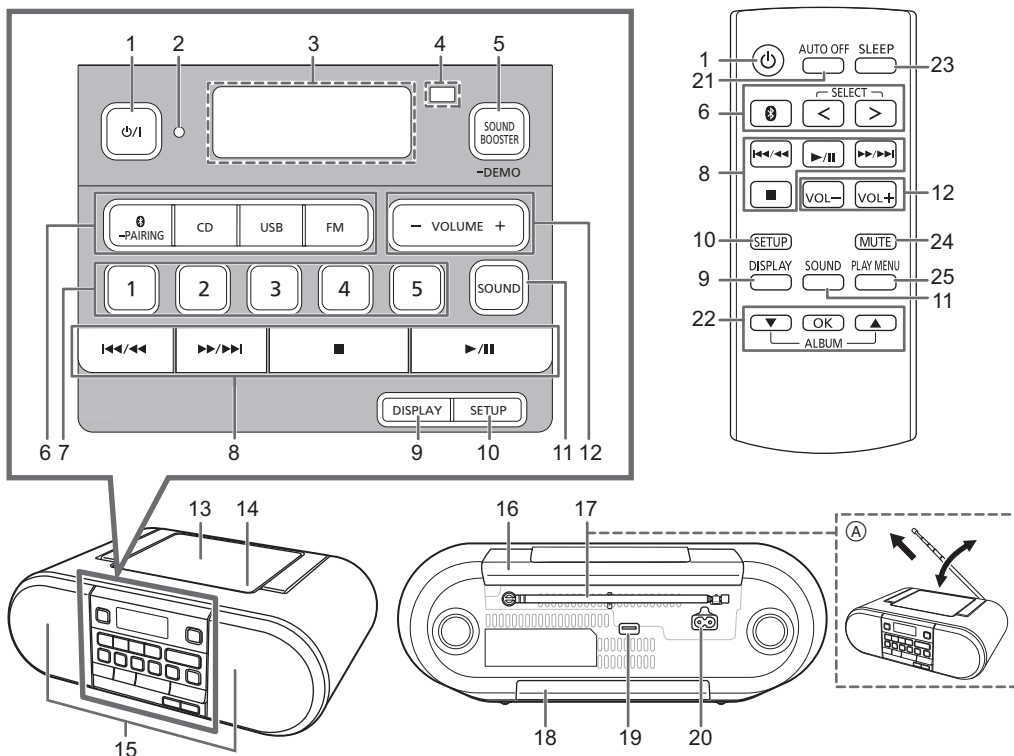**Only for European Union and countries with recycle systems**

These symbols are only valid in the European Union and countries with recycle systems.
If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.
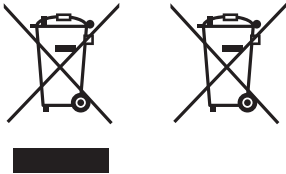
License

Control reference guide

1 **Standby/on switch [⏻/I], [⏻]**
Press to switch the unit from on to standby mode or vice versa.
In standby mode, the unit is still consuming a small amount of power. (➔ 16)
● To save power, the unit cannot be turned on from the remote control when using batteries as the power source.

2 Power indicator
The indicator lights up when this unit is turned on. (It will go off when the unit is turned off.)

3 Display

4 Remote control signal sensor
Distance: Within approx. 7 m directly in front
Angle: Approx. 30° left and right

5 Set sound booster effect
Press and hold to enter demo play mode. (➔ 6)

6 Select the audio source (➔ 9, 10)
("BLUETOOTH", "CD", "FM", "USB")
● Press and hold [🅑 −PAIRING] on this unit to enter pairing mode (➔ 8) or disconnect a Bluetooth® device (➔ 8).

7 Direct preset buttons for storing or selecting radio station ([1] to [5]) (➔ 10)

8 Basic playback control buttons
● To navigate menu from this unit (➔ 11, 12)
[I◀◀/◀◀], [▶▶/▶▶I]: Selects item/setting
[▶/II]: Confirms item/setting

9 Change the displayed information

10 Enter setup menu

11 Enter sound menu

12 Adjust the volume (0 (min) to 50 (max))

13 Disc lid

14 Open or close the disc lid (➔ 7)

15 Speakers
These speakers do not have magnetic shielding. Do not place them near a TV, personal computer or other magnetic devices.

16 Handle

17 Antenna
Ⓐ Extend the antenna, adjust the length, angle and direction for best reception.

18 Battery compartment (➔ 6)

19 USB port (➔ 7)

20 AC IN terminal (➔ 6)

21 Turn auto off function on/off (➔ 12)

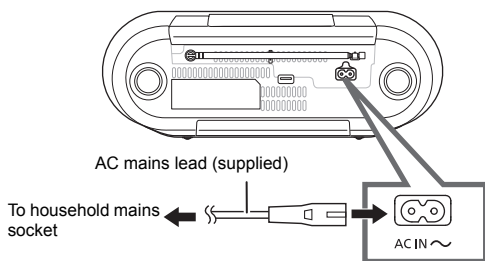22 Selection/OK

23 Set the sleep timer (➔ 11)

24 Mute the sound
Press again to cancel. "MUTE" is also cancelled when the volume is adjusted or the unit is turned off.

25 Enter play menu

Power sources

Using the household mains socket

Connect the AC mains lead firmly to the unit and the household mains socket.

AC mains lead (supplied)

To household mains socket

AC IN ~

📖
● Do not use any other AC mains lead except the supplied one.

Using the batteries (not supplied)

This unit will use the batteries as the power source when you disconnect the AC mains lead.
Use alkaline or manganese batteries.

Disconnect the AC mains lead from the unit to operate on battery power.

Install the batteries so that the poles (+ and −) align with those in the unit.
● When using batteries as the power source:
  – the volume is comparatively lower.
  – this unit cannot be turned on from the remote control.

R14/LR14, C
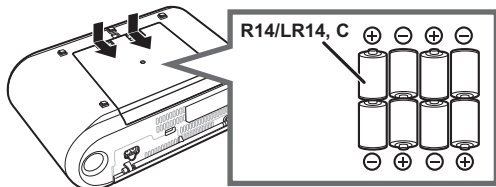
Battery indicator
When the batteries are weak, "⊏▬▰▰" light up on the display.
● When "⊏▬▰▰" flashes, replace all the batteries with new ones.
● While the unit is on, do not switch the power source from AC to battery power, or vice versa. Press [⏻/I] to switch the unit to standby mode before switching power sources.

Battery removal
Do not pull the battery out from the end placed against the spring. Remove the battery by lifting its positive end (+).

Using the remote control

Insert the battery so the terminals (+ and −) match those in the remote control.

R6/LR6, AA
(Alkaline or manganese battery)
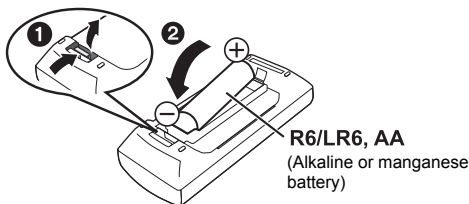
Point it at the remote control signal sensor on this unit.
● To avoid interference, please do not put any objects in front of signal sensor.

DEMO play

This unit is built-in with a sound demonstration music.

To play the demonstration music

1 Turn the unit on.

2 Press and hold [SOUND BOOSTER, −DEMO] on this unit for at least 2 seconds until "WAIT FOR DEMO PLAY" appears on the display.

The demonstration music will be played for approximately 1 minute. ("DEMOPLAY" is displayed during DEMO play.)

After playback completes, this unit will automatically exit the DEMO play mode.
● To exit during DEMO play, press [■].

Inserting media

Inserting a disc

● When opening the disc lid, open it with the handle folded down.
1 Push [▲ ⊞] on the disc lid to open it.
2 Put in a disc with the label facing up.

3 Push [▲ ⊞] again to close the disc lid.

To remove a disc
● Do not open the disc lid when "READING" is displayed. (Wait for this message to disappear.)
● Ensure the disc is stopped before removing it.

Lift the disc from the dent.
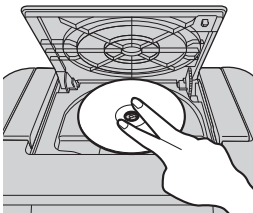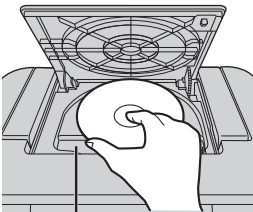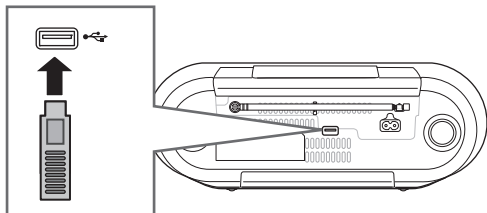
Connecting a USB device

Insert the USB device directly. Do not use any USB extension cable.

● Please disconnect the USB device if you finish using.
● Before removing the USB device, select a source other than "USB".

📖

● Before moving this unit, be sure to remove all media and turn this unit off.

About Bluetooth®

Panasonic bears no responsibility for data and/or information that is compromised during a wireless transmission.

■ Frequency band used
● This system uses the 2.4 GHz frequency band.

■ Certification of this device
● This system conforms to frequency restrictions and has received certification based on frequency laws. Thus, a wireless permit is not necessary.
● The actions below are punishable by law in some countries:
  – Taking apart or modifying the system.
  – Removing specification indications.

■ Restrictions of use
● Wireless transmission and/or usage with all Bluetooth® equipped devices is not guaranteed.
● All devices must conform to standards set by Bluetooth SIG, Inc.
● Depending on the specifications and settings of a device, it can fail to connect or some operations can be different.
● This system supports Bluetooth® security features. But depending on the operating environment and/or settings, this security is possibly not sufficient. Transmit data wirelessly to this system with caution.
● This system cannot transmit data to a Bluetooth® device.

■ Range of use
● Use this device at a maximum range of 10 m. The range can decrease depending on the environment, obstacles or interference.

■ Interference from other devices
● This system may not function properly and troubles such as noise and sound jumps may arise due to radio wave interference if this system is located too close to other Bluetooth® devices or the devices that use the 2.4 GHz band.
● This system may not function properly if radio waves from a nearby broadcasting station, etc. is too strong.

■ Intended usage
● This system is for normal, general use only.
● Do not use this system near an equipment or in an environment that is sensitive to radio frequency interference (example: airports, hospitals, laboratories, etc).

Bluetooth® operations

You can listen to the sound from the Bluetooth® audio device from this unit wirelessly.
● Refer to the operating instructions of the Bluetooth® device for details.

Connecting via Bluetooth® menu

Preparation
● Turn on the Bluetooth® feature of the device and place the device near this unit.

■ Pairing with Bluetooth® devices

1 Press [🔵] to select "BLUETOOTH".
● If "PAIRING" is indicated on the display, go to step 3.

2 Press [PLAY MENU] to select "PAIRING" and then press [OK].
● Alternatively, press and hold [🔵 −PAIRING] on the unit until "PAIRING" appears.

3 Select "RX-D550" from the Bluetooth® device's Bluetooth® menu.
● The MAC address (alpha-numerical string that is unique to each set) may be displayed before "RX-D550" is displayed.
● The name of the connected device is indicated on the display for a few seconds.

4 Start playback on the Bluetooth® device.

■ Connecting a paired Bluetooth® device

1 Press [🔵] to select "BLUETOOTH".
● "BLUETOOTH READY" is indicated on the display.

2 Select "RX-D550" from the Bluetooth® device's Bluetooth® menu.
● The name of the connected device is indicated on the display for a few seconds.

3 Start playback on the Bluetooth® device.

📖

● If prompted for the passkey, input "0000".
● You can register up to 8 devices with this unit. If a 9th device is paired, the device that has not been used the longest will be replaced.
● This unit can only be connected to one device at a time.
● When "BLUETOOTH" is selected as the source, this unit will automatically try and connect to the last connected Bluetooth® device. ("LINKING" is indicated on the display during this process.) If the connection attempt fails, try to establish a connection again.

Bluetooth® transmission mode

You can change the transmission mode to prioritise transmission quality or sound quality.

Preparation
● Press [🔵] to select "BLUETOOTH".
● If a Bluetooth® device is already connected, disconnect it.

1 Press [PLAY MENU] repeatedly to select "LINK MODE".

2 Press [▲, ▼] to select the mode and then press [OK].
MODE 1: Emphasis on connectivity
MODE 2: Emphasis on sound quality

📖

● Select "MODE 1" if the sound is interrupted.
● When enjoying video contents with this function, the video and audio output may not be synchronised. In this case, select "MODE 1".
● The factory default is "MODE 2".

Bluetooth® input level

If the sound input level from the Bluetooth® device is too low, change the input level setting.

Preparation
● Connect a Bluetooth® device.

1 Press [PLAY MENU] repeatedly to select "INPUT LEVEL".

2 Press [▲, ▼] to select the level and then press [OK].
"LEVEL 0" ↔ "LEVEL +1" ↔ "LEVEL +2"

📖

● Select "LEVEL 0" if the sound is distorted.
● The factory default is "LEVEL 0".

Disconnecting a Bluetooth® device

1 While a Bluetooth® device is connected:
Press [PLAY MENU] repeatedly to select "DISCONNECT?".

2 Press [▲, ▼] to select "OK? YES" and then press [OK].
● To cancel, select "OK? NO".

📖

● You can also disconnect the Bluetooth® device by pressing and holding [🔵 −PAIRING] on the unit until "PAIRING" appears.
● The Bluetooth® device will be disconnected if a different audio source (e.g., "CD") is selected.

Media playback controls

The following marks indicate the availability of the feature.

CD :	CD audio in CD-DA format or a CD that contains MP3 files (➔ 13)
USB :	USB devices containing MP3 file (➔ 13)
BLUETOOTH :	Connected Bluetooth® device (➔ 8)

Basic play (CD , USB , BLUETOOTH)

Preparation
- Turn the unit on.
- Insert the media or connect the Bluetooth® compatible device. (➔ 7, 8)

1 Select the audio source.

For disc:
  Press [<, > SELECT] repeatedly to select "CD".
For USB device:
  Press [<, > SELECT] repeatedly to select "USB".
For Bluetooth® device:
  Press [🅑] to select "BLUETOOTH".

(Alternatively, press [CD], [USB] or [🅑 −PAIRING] on this unit to select "CD", "USB" or "BLUETOOTH" respectively.)

2 Press [▶/❙❙] to start playback.

Basic controls

Stop	Press [■]. ● USB : The position is memorised and "RESUME" is displayed. ● USB : Press [■] twice to stop the playback fully.
Pause	Press [▶/❙❙]. Press again to continue playback.
Skip	Press [❙◀◀/◀◀ or ▶▶/▶▶❙] to skip track. CD (MP3), USB Press [▲] or [▼] to skip the album.
Search	During play or pause, press and hold [❙◀◀/◀◀ or ▶▶/▶▶❙].

■ To display information (CD , USB , BLUETOOTH)

You can display the track, artist, album name, file type, bit rate, and other information. (The information varies depending on the audio source.)

Press [DISPLAY] repeatedly.

e.g. USB (MP3)

  "A□□□": MP3 album number.
  "T□□□": MP3 track number.
  (" □ " stands for a number.)

📖

- To use this unit's remote control with a Bluetooth® device, the Bluetooth® device must support AVRCP (Audio Video Remote Control Profile).
  Depending on the status of the device, some controls may not work.
- Maximum number of displayable characters: Approx. 32
- This system supports ver. 1 and 2 ID3 tags.
- Text data that is not supported will not be displayed or will be shown differently.

Playback modes (CD , USB)

Select the playback mode.

1 Press [PLAY MENU] repeatedly to select "PLAYMODE" or "REPEAT".

2 Press [▲, ▼] to select the setting and then press [OK].

PLAYMODE

| OFF PLAYMODE | Cancels the play mode setting. |
1-TRACK	Only plays the selected track. ● "1TR" is displayed. (Skip to the desired track.)
1-ALBUM	Only plays the selected album. ● Press [▲] or [▼] to select the album. ● "1ALBUM" is displayed.
RANDOM	Plays the contents randomly. ● "RND" is displayed.
1-ALBUM RANDOM	Plays the tracks in the selected album randomly. ● Press [▲] or [▼] to select the album. ● "1ALBUM", "RND" is displayed.

REPEAT

| ON REPEAT | Turns on repeat mode.
● " ↻ " is displayed. |
| OFF REPEAT | Turns off repeat mode. |

📖

- During random playback, you cannot skip to tracks which have been played.
- CD The mode is cancelled when you open the disc lid, select another audio source, or turn the unit off.
- USB The mode is cancelled when you remove the USB device.

Listening to FM radio

You can preset up to 30 FM channels.
Channel 1 to 5 will be set under [1] to [5] on this unit.
(➜ right, "Changing the stations stored under [1] to [5]")

Preparation
● Extend the antenna. (➜ 5)
● Turn the unit on.
● Press [<, > SELECT] repeatedly to select "FM".
   (Alternatively, press [FM] on this unit.)

Presetting stations automatically

1 Press [PLAY MENU] to select "A.PRESET".
2 Press [▲, ▼] to select "LOWEST" or "CURRENT" and then press [OK].

   LOWEST:
   To begin auto preset with the lowest frequency ("FM 87.50").

   CURRENT:
   To begin auto preset with the current frequency.※

   ● The tuner starts to preset all the stations it can receive into the channels in ascending order.
   ● To cancel, press [■].

※: To change the frequency, refer to "Manual tuning".

Listening to a preset channel

1 Press [PLAY MENU] repeatedly to select "TUNE MODE".
2 Press [▲, ▼] to select "PRESET" and then press [OK].
3 Press [|◄◄/◄◄] or [►►/►►|] to select the channel.
● You can select channel 1 to 5 by pressing one of [1] to [5] on this unit.

■ Manual tuning

1 Press [PLAY MENU] repeatedly to select "TUNE MODE".
2 Press [▲, ▼] to select "MANUAL" and then press [OK].
3 Press [|◄◄/◄◄] or [►►/►►|] to tune in to the station.

   To tune automatically, press and hold the button until the frequency starts changing quickly.

Presetting stations manually

1 While listening to the radio broadcast Press [OK].

2 Press [▲, ▼] to select the channel and then press [OK].
   ● Do steps 1 through 2 again to preset more stations.

📖

● A station previously stored is overwritten when another station is stored in the same channel preset.

Changing the stations stored under [1] to [5]

(On this unit)
You can change the stations stored under [1] to [5] easily.

While listening to the radio broadcast
Press and hold one of [1] to [5] until "P □" appears on the display.

(" □ " stands for a number.)

📖

● When you change the stations stored under [1] to [5], channel 1 to 5 are also changed to the same corresponding stations.

■ To display the current FM signal status

Press [DISPLAY].

"FM ST":   FM stereo broadcast is being received.
"FM - - - -":   No broadcast is received or FM broadcast received is weak or in monaural.
"FM MONO": You have set the "FM MODE" to "MONO". (➜ 14, "If noise is excessive during FM reception.")

📖

● "STEREO" is displayed when this unit tunes to a stereo broadcast.

Sound adjustment

The following sound effects can be added to the audio output.

1 Press [SOUND] repeatedly to select the effect.
2 Press [▲, ▼]※1 to select the setting and then press [OK]※2.

"PRESET EQ" (Preset Equaliser)	"HEAVY" (heavy), "SOFT" (soft), "CLEAR" (clear), "VOCAL" (vocal) or "FLAT" (flat/off).
"SOUND BOOSTER" (Sound Booster)	"OFF": Cancel "B-BOOST": Bass boost "V-BOOST": Voice boost ● Alternatively, press [SOUND BOOSTER] repeatedly on this unit.

● You may experience a reduction in sound quality when these effects are used with some sources. If this occurs, turn the sound effects off.

Clock and Timer

Setting the clock

(Only when the unit is powered by AC)
This is a 24-hour clock.

1 Press [SETUP] to select "CLOCK".
2 Press [▲, ▼]※1 to set the time and then press [OK]※2.

■ To check the time
Press [SETUP] to select "CLOCK" and then press [OK]※2.
(During standby, press [DISPLAY].)

📖
● The clock is reset when there is a power failure or when the AC mains lead is removed.
● Readjust the clock regularly to maintain accuracy.
● If the unit is powered by batteries, the clock setting will be lost when the unit is turned off.

Sleep timer

The sleep timer can turn the unit off after a set time.

Press [SLEEP] repeatedly to select the setting (in minutes).
"SLEEP 30" → "SLEEP 60" → "SLEEP 90" → "SLEEP120"
↑————— "OFF" (Cancel) ←————————┘

📖
● The remaining time is indicated on the unit's display at every minute except when other operations are performed. "SLEEP 1" is always shown when only 1 minute remains.
● The play timer and sleep timer can be used together. The sleep timer is always the main timer on the unit.

Play timer

(Only when the unit is powered by AC)
You can set the timer so this unit turns on at a certain time every day.

Preparation

Set the clock.

1 Press [SETUP] repeatedly to select "TIMER ADJ".
2 Press [▲, ▼]※1 to set the starting time ("ON TIME") and then press [OK]※2.
3 Press [▲, ▼]※1 to set the finishing time ("OFF TIME") and then press [OK]※2.
4 Press [▲, ▼]※1 to select the music source* and then press [OK]※2.

* "CD", "USB" and "FM" can be set as the music source.

Turning the timer on

1 Prepare the selected music source and set the desired volume.
2 Press [SETUP] repeatedly to select "TIMER SET".
3 Press [▲, ▼]※1 to select "SET" and then press [OK]※2.
   ● "⏱PLAY" is displayed.
   ● To turn the timer off, select "OFF".
4 Press [⏻] to turn the unit to standby mode.

■ To check the settings
Press [SETUP] repeatedly to select "TIMER ADJ" and then press [OK]※2.
(During standby, press [DISPLAY] twice.)

📖
● The timer starts at a low volume and increases gradually to the preset level.
● The timer comes on at the set time every day if the timer is on.
● If you turn off the unit and turn it on again while a timer is in operation, the timer will not stop at the end time.
● If the unit is powered by batteries, the play timer will not work.

To select or confirm item/setting from this unit:
※1: Press [|◄◄/◄◄] or [►►/►►|] in place of [▲, ▼].
※2: Press [►/❚❚] in place of [OK].

Others

Auto off function

As a factory default, this unit will turn to standby mode automatically if there is no sound and it is not being used for approximately 20 minutes.

To cancel this function

Press [AUTO OFF] repeatedly to select "OFF".

- To turn the function on, press [AUTO OFF] repeatedly again to select "ON".
- This setting cannot be selected when radio is the source.
- When connected to a Bluetooth® device, the function does not work.

Bluetooth® standby

(Only when the unit is powered by AC)

When "RX-D550" is selected from a paired Bluetooth® device's Bluetooth® menu, this unit will turn on automatically from standby mode and establish a Bluetooth® connection.

1 Press [SETUP] repeatedly to select "BLUETOOTH STANDBY".

2 Press [▲, ▼]※1 to select "ON" and then press [OK]※2.

- To turn the function off, select "OFF" in step 2.
- The factory default is "OFF". If this function is set to "ON", the standby power consumption will increase.

Changing the unit and remote control code

When other Panasonic equipment responds to the supplied remote control, change the remote control code.

1 Press [<, > SELECT] repeatedly to select "CD".

2 Press and hold [■] on the unit and [< SELECT] on the remote control until the unit's display shows "REMOTE 2".

3 Press and hold [OK] and [< SELECT] on the remote control for at least 4 seconds.

- To change the mode back to "REMOTE 1", press [<, > SELECT] to select "CD" and then repeat the steps 2 and 3 but replace [< SELECT] with [🟦] on the remote control.

Software update

Occasionally, Panasonic may release updated software for this system that may add or improve the way a feature operates. These updates are available free of charge. For more details, refer to the following website.
https://panasonic.jp/support/global/cs/
(This site is in English only.)

Checking the software version

Press [SETUP] repeatedly to select "SW VER." and then press [OK]※2.
The version of the installed software is displayed.

- Press [OK]※2 to exit.

To select or confirm item/setting from this unit:
※1: Press [|◄◄/◄◄] or [►►/►►|] in place of [▲, ▼].
※2: Press [►/❚❚] in place of [OK].

Playable media

Compatible CD

● A disc with the CD Logo.

COMPACT disc DIGITAL AUDIO

● This unit can play back discs that conform to the CD-DA format.
● This system can play back CD-R/RW with CD-DA or MP3 format content.
● The unit may not be able to play some discs due to the condition of the recording.
● Before playback, finalise the disc on the device it was recorded on.
● If the disc includes both MP3 and normal audio data (CD-DA), the unit plays the type recorded in the inner part of the disc.
● This unit cannot play files recorded using packet write.
● Disc must conform to ISO9660 level 1 or 2 (except for extended formats).

📖

● Some CD-R/RW cannot be played because of the condition of the recording.
● MP3 files are defined as tracks and folders are defined as albums.
● This system can access up to:
  – CD-DA: 99 tracks
  – MP3: 999 tracks, 255 albums (including root folder)
● Recordings will not necessarily be played in the order you recorded them.

Compatible USB devices

● This unit does not guarantee connection with all USB devices.
● FAT12, FAT16 and FAT32 file systems are supported.
● This unit supports USB 2.0 Full Speed.
● USB devices with storage capacity of more than 32 GB cannot work in some conditions.
● Supported format: Files with the extension ".mp3" or ".MP3".
● Depending on how you create the files, they may not play in the order you numbered them or may not play at all.

📖

● Files are defined as tracks and folders are defined as albums.
● This system can access up to:
  – 800 albums (including root folder)
  – 8000 tracks
  – 999 tracks in one album

Unit and media care

Pull out the AC mains lead from the outlet before maintenance.

■ Clean this unit with a soft, dry cloth
● When dirt is heavy, wring a wet cloth tightly to wipe the dirt, and then wipe it with a dry cloth.
● When cleaning the speaker covers, use a fine cloth.
  Do not use tissues or other materials that can fall apart. Small pieces may get stuck inside the speaker cover.
● Never use alcohol, paint thinner or benzine to clean this unit.
● Before using chemically treated cloth, carefully read the cloth's instructions.

■ Maintenance of the lens
● Clean the lens regularly to prevent malfunctions. Use a dust blower to remove dust and a cotton swab if it is extremely dirty.
● You cannot use a CD type lens cleaner.
● Do not leave the CD lid open for prolonged periods of time. This will cause the lens to get dirty.
● Be careful not to touch the lens with your fingers.

Lens
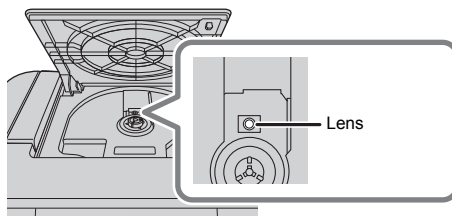
■ Clean discs

DO   DO NOT

Wipe with a damp cloth and then wipe dry.

■ Disc handling precautions
● Handle discs by the edges to avoid inadvertent scratches or fingerprints on the disc.
● Do not attach labels or stickers to discs.
● Do not use record cleaning sprays, benzine, thinner, static electricity prevention liquids or any other solvent.
● Do not use the following discs:
  – Discs with exposed adhesive from removed stickers or labels (rented discs etc.).
  – Discs that are badly warped or cracked.
  – Irregularly shaped discs, such as heart shapes.

■ To dispose or transfer this unit
The unit may keep the user settings information in the unit. If you discard this unit either by disposal or transfer, then follow the procedure to return all the settings to the factory defaults to delete the user settings. (➜ 14, "To return all settings to the factory defaults")

Troubleshooting

Before requesting service, make the following checks. If you are uncertain about some of the check points, or if the solutions indicated in the following guide does not resolve the issue, then consult your dealer for instructions.

To return all settings to the factory defaults

When the following situations occur, reset the memory:
- There is no response when buttons are pressed.
- You want to clear and reset the settings.

Preparation

Remove the batteries from this unit.

① Disconnect the AC mains lead. (Wait for at least 30 seconds before proceeding to step ②.)

② While pressing and holding down [⏻/I] on the unit, reconnect the AC mains lead.
   - Keep holding down [⏻/I] until "--------" appears on the display.

③ Release [⏻/I].

📖

- The settings are returned to the factory defaults. It is necessary to set the settings again.

General

Sound is distorted or no sound.
- Adjust the volume.
- If an AC mains lead or fluorescent lights are near the cords, then keep other appliances and cords away from the cables.

Cannot turn on the unit.
- After connecting the AC mains lead or installing the batteries, wait about 10 seconds before turning on the unit.

Humming heard during playback.
- If an AC mains lead or fluorescent lights are near the cords, then keep other appliances and cords away from the cables.

The unit does not work.
- One of the unit's safety devices may have been activated.
  ① Press [⏻/I] on the unit to switch the unit to standby.
     - If the unit does not turn off, remove the batteries, and disconnect the AC mains lead from the AC mains socket. After about 30 seconds, insert the batteries or reconnect the AC mains lead to the AC mains socket. Then wait for about 10 seconds.
  ② Press [⏻/I] on the unit to switch it on.
  If the unit still cannot be operated, consult the dealer.

The display panel lights up and changes continuously in standby mode.
- Press and hold [■] on the unit until "SDEMO OFF" is displayed.

Remote control

The remote control does not work properly.
- The battery is depleted or inserted incorrectly. (➜ 6)
- Keep mobile phones and smart devices away from this unit.

Disc

Incorrect display or play does not start.
- Make sure that the disc is compatible with this unit. (➜ 13)
- There is moisture on the lens. Wait for about an hour and then try again.

USB

No response when [▶/II] is pressed.
- Disconnect the USB device and then reconnect it. Alternatively, turn the unit off and on again.

The USB device or its contents cannot be read.
- The USB device format or its contents is/are not compatible with the unit (➜ 13).
- The USB host function of this product may not work with some USB devices.

Slow operation of the USB device.
- Large file size or high memory USB device takes longer time to read.

The elapsed time displayed is different from the actual play time.
- Copy the data to another USB device or backup the data and reformat the USB device.

Radio

If noise is excessive during FM reception.
- Change the audio to be output as monaural.
  ① Press [PLAY MENU] repeatedly to select "FM MODE".
  ② Press [▲, ▼] to select "MONO" and then press [OK].
  The sound becomes monaural.
  - To cancel, select "STEREO" or change the frequency.
In normal circumstances, select "STEREO".

Static or noisy reception is heard while listening to a radio broadcast.
- Check and adjust the antenna.
- Try to keep a certain amount of distance between the antenna and AC mains lead.
- Turn the TV or other audio players off or separate it from this unit.
- Keep mobile phones away from this unit.
- Noise would be heard when batteries are low. Connect the AC mains lead or replace batteries.

Bluetooth®

Pairing cannot be completed.
● Check the Bluetooth® device condition.

The device cannot be connected.
● The pairing of the device was unsuccessful or the registration has been replaced. Try re-pairing the device. (➜ 8)
● This unit might be connected to a different device. Disconnect the other device and try re-pairing the device. (➜ 8)
● If "MODE 2" is selected in "LINK MODE", select "MODE 1". (➜ 8)
● If the problem persists, turn the unit off and on, then try again.

The device is connected, but audio cannot be heard through this unit.
● For some built-in Bluetooth® devices, you have to set the audio output to "RX-D550" manually. Read the operating instructions for the device for details.

The sound is interrupted.
● The device is out of the 10 m communication range. Place the Bluetooth® device closer to this unit.
● Remove any interference between this unit and the device.
● Other devices that use the 2.4 GHz frequency band, such as wireless routers, microwaves, cordless phones, etc. are interfering. Place the Bluetooth® device closer to this unit and distance it from the other devices.
● Select "MODE 1" for stable communication. (➜ 8)

Messages

The following messages or service numbers may appear on the unit's display.

"--:--"
● You plugged the AC mains lead in for the first time or there was a power failure recently. Set the time (➜ 11).

"ADJUST CLOCK"
● Clock is not set. Adjust the clock accordingly.

"ADJUST TIMER"
● Play timer is not set. Adjust the play timer accordingly.

"AUTO OFF"
● The unit has been left unused for about 20 minutes and will shut down within a minute. Press any button to cancel it.

"ERROR"
● Incorrect operation is performed. Read the instructions and try again.

"F□□" / "F□□□" (" □ " stands for a number.)
● There is a problem with this unit.
  Disconnect the AC mains lead from the mains socket, reconnect it to the outlet after about 30 seconds. Wait for about 10 seconds, then turn on the unit. If the problem still persists, disconnect the AC mains lead and consult your dealer.

"LINKING"
● This system is trying to connect to the last connected Bluetooth® device when "BLUETOOTH" is selected.

"NO DEV"
● The USB device is not inserted correctly. Read the instructions and try again (➜ 7).

"NO DISC"
● Insert the disc to be played (➜ 7).

"NO PLAY"
● Examine the content. You can only play supported format. (➜ 16)
● The files in the USB device can be corrupted. Format the USB device and try again.
● The unit may have a problem. Turn the unit off and then on again.

"NOT SUPPORTED"
● You have connected an unsupported USB device.

"PLAY ERROR"
● You played an unsupported file. The system will skip that track and play the next one.

"READING"
● The unit is checking the "CD"/"USB" information. After this display has disappeared, start operating.

"REMOTE □" (" □ " stands for a number.)
● The remote control and this unit are using different codes. Change the code on the remote control.
  – When "REMOTE 1" is displayed, press and hold [OK] and [🅱] on the remote control for at least 4 seconds.
  – When "REMOTE 2" is displayed, press and hold [OK] and [< SELECT] on the remote control for at least 4 seconds.

"USB OVER CURRENT ERROR"
● The USB device is drawing too much power. Disconnect the USB device, turn the unit off and then on again.
● Check the connection, it may be caused by a faulty USB cable.

"VBR"
● The system cannot show the remaining play time for variable bit rate (VBR) tracks.

"WAIT"
● This is displayed, for example, when this unit is turning off.

Specifications

■ GENERAL

Power consumption	14 W
Power consumption in standby mode	
(When "BLUETOOTH STANDBY" is "OFF")	
	Approx. 0.2 W
(When "BLUETOOTH STANDBY" is "ON")	
	Approx. 0.3 W
Power supply	
AC mains lead	AC 220 V to 240 V, 50/60 Hz
Battery	DC 12 V (8×R14/LR14)

Battery Life
(Operate at 0.8 W output)

	Manganese R14 battery	Alkaline LR14 battery
CD playback	Approx. 4 H	Approx. 10 H
USB playback	Approx. 5 H	Approx. 11 H
Bluetooth®	Approx. 6 H	Approx. 13 H
FM	Approx. 5 H	Approx. 13 H

Dimensions (W×H×D)
346 mm×130 mm×239 mm (including protrusions)

Mass
Without batteries   Approx. 2.5 kg
With batteries   Approx. 3.0 kg
Operating temperature range   0 °C to +40 °C
Operating humidity range
35 % to 80 % RH (no condensation)

■ AMPLIFIER SECTION

Output power
RMS Output Power (Battery supply)
Front Ch (both ch driven)
6 W per channel (6 Ω), 1 kHz, 10 % THD
Total RMS power   12 W
RMS Output Power (AC power supply)
Front Ch (both ch driven)
10 W per channel (6 Ω), 1 kHz, 10 % THD
Total RMS power   20 W

■ TUNER SECTION

Preset Memory   FM 30 stations
Frequency Modulation (FM)
Frequency range
87.50 MHz to 108.00 MHz (50 kHz step)

■ DISC SECTION

Disc played (8 cm or 12 cm)
CD, CD-R/RW (CD-DA, MP3※)
Pick up
Wavelength   790 nm (CD)

■ SPEAKER SECTION

Speaker unit(s)
Full Range   8 cm cone type×2

■ TERMINAL SECTION

USB Port
USB Standard   USB 2.0 Full Speed
Media file format support   MP3※ (∗.mp3)
Audio support format
MP3※
Sampling frequency   32/44.1/48 kHz
Audio word size   16 bits
Channel count   2 ch
USB device file system   FAT12, FAT16, FAT32

■ Bluetooth® SECTION

Version   Bluetooth® Ver.4.2
Class   Class 2
Supported Profiles   A2DP, AVRCP
Frequency band   2.4 GHz band FH-SS
Operation Distance   10 m Line of sight
Supported Codec   SBC

- Specifications are subject to change without notice.
- Mass and dimensions are approximate.
- Total harmonic distortion is measured by a digital spectrum analyzer.
- Battery life may be different depending on the condition of use.

※: MPEG-1 Layer 3, MPEG-2 Layer 3

Panasonic Warranty

1. Subject to the conditions of this warranty Panasonic or its Authorised Service Centre will perform necessary service on the product, without charge for parts or labour, if in the opinion of Panasonic the product is found to have a manufacturing defect within one (1) year or (12 months) (the "warranty period") from the date of purchase appearing on your purchase receipt.

2. This warranty only applies to Panasonic products purchased in Australia and sold by Panasonic Australia, it's Authorised Distributors, or Dealers, and only where the products are used and serviced within Australia or its territories. Warranty cover only applies to the services that are carried out by a Panasonic Authorised Service Centre and only if valid proof of purchase is presented when the warranty service is requested.

3. This warranty only applies if the product has been installed and/or used in accordance with the manufacturer's recommendations (as noted in the operating instructions) under normal use and reasonable care (in the opinion of Panasonic). The warranty does not cover damage, malfunction or failure resulting from use of incorrect voltages, incorrect installation, accident, misuse, neglect, build-up of dirt or dust, abuse, maladjustment of customer controls, mains supply problems, thunderstorm activity, infestation by insects or vermin, tampering or repair by unauthorised persons (including unauthorised alterations), exposure to abnormally corrosive conditions, or any foreign object or matter having entered the product.

4. This warranty does not cover the following items unless the fault or defect existed at the time of purchase:

   (a) Consumable parts
   (b) Cosmetic parts
   (c) Worn or damaged parts
   (d) Information stored on Hard Disk Drives, Optical Discs, USB Devices, SD Cards, Tapes
   (e) DTV reception issues caused by TV Aerial / Cabling / Wall socket(s)

5. Some products may be supplied with Ethernet connection hardware. The warranty is limited on such products and will not cover:

   (a) Internet and or DLNA connection / setup related problems
   (b) Access fees and or charges incurred for internet connection
   (c) Incompatible software or software not specifically stipulated in the product operations manual; and
   (d) Any indirect or consequential costs associated with the incorrect use or misuse of the hardware, its connection to the internet or any other device.

6. To claim warranty service, when required, you should:

   - Contact Panasonic's Customer Care Centre on 132 600 for Service Centre information.
   - Confirm the opening and acceptance times with the Authorised Service centre that you choose.
   - Then send or take the product to a Panasonic Authorised Service Centre together with your proof of purchase receipt.
   - Any freight and insurance costs associated with the transport of the product to and/or from your nearest Authorised Service Centre must be arranged and paid for by you.

7. The warranties hereby conferred do not extend to, and exclude, any costs associated with the installation, de-installation or re-installation of a product, including costs related to the mounting, de-mounting or remounting of any screen, (and any other ancillary activities), delivery, handling, freighting, transportation or insurance of the product or any part thereof or replacement of and do not extend to, and exclude, any damage or loss occurring by reason of, during, associated with, or related to such installation, de-installation, re-installation or transit.

Panasonic Authorised Service Centres are located in major metropolitan areas and most regional centres of Australia, however, coverage will vary dependant on product. For advice on exact Authorised Service Centre locations for your product, please telephone our Customer Care Centre on 132600 or visit our website and use the Service Centre Locator.

In addition to your rights under this warranty, Panasonic products come with consumer guarantees that cannot be excluded under the Australian Consumer Law. If there is a major failure with the product, you can reject the product and elect to have a refund or to have the product replaced or if you wish you may elect to keep the goods and be compensated for the drop in value of the goods. You are also entitled to have the product repaired or replaced if the product fails to be of acceptable quality and the failure does not amount to a major failure.

If there is a major failure in regard to the product which cannot be remedied then you must notify us within a reasonable period by contacting the Panasonic Customer Care Centre. If the failure in the product is not a major failure then Panasonic may choose to repair or replace the product and will do so in a reasonable period of time from receiving notice from you.

THIS WARRANTY CARD AND THE PURCHASE DOCKET (OR SIMILAR PROOF OF PURCHASE) SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES

If you require assistance regarding warranty conditions or any other enquiries, please visit the Panasonic Australia website **www.panasonic.com.au** or contact by phone on **132 600**

If phoning in, please ensure you have your operating instructions available.

Panasonic Australia Pty. Limited

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CLASS 1
LASER PRODUCT

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