Technics®

Basic Operating Instructions

Network CD Receiver

SA-C100

Music is borderless and timeless, touching people's hearts across cultures and generations.

Each day the discovery of a truly emotive experience from an unencountered sound awaits.

Let us take you on your journey to rediscover music.

Rediscover Music™ / **Technics**

Delivering the Ultimate Emotive Musical Experience to All

At Technics we understand that the listening experience is not purely about technology but the magical and emotional relationship between people and music.

We want people to experience music as it was originally intended and enable them to feel the emotional impact that enthuses and delights them.

Through delivering this experience we want to support the development and enjoyment of the world's many musical cultures. This is our philosophy.

With a combination of our love of music and the vast high-end audio experience of the Technics team, we stand committed to building a brand that provides the ultimate emotive musical experience by music lovers, for music lovers.

Director
Michiko Ogawa

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 "⇒ ○○".
  - The illustrations shown may differ from your unit.

- A more detailed operating instruction is available in "Operating Instructions" (PDF format). To read it, download it from the website.
  www.technics.com/support/downloads/oi/SA-C100.html
- You will need Adobe Reader to browse or print "Operating Instructions" (PDF format). You can download and install a version of Adobe Reader that you can use with your OS from the following website.
  https://get.adobe.com/reader/

Sales and Support Information
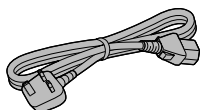**Customer Communications Centre**
- For customers within the UK: 0333 222 8777
- For customers within Ireland: +353 1 912 4460
- Monday−Friday 9:00 am − 5:00 pm, (Excluding public holidays).
- For further support on your product, please visit our website: www.technics.com/uk/

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Accessories
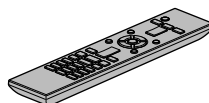
AC mains lead (1)	DAB antenna (1)	Remote control (1)	Batteries for remote control (2)
K2CT3YY00096	N1EYYY000015	N2QAYA000230	

- Product numbers provided in these operating instructions are correct as of December 2021.
- These may be subject to change.
- Do not use AC mains lead with other equipment.

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 only 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.
- Ensure the earth pin on the mains plug is securely connected to prevent electrical shock.
  - An apparatus with CLASS I construction shall be connected to a mains socket outlet with a protective earth connection.
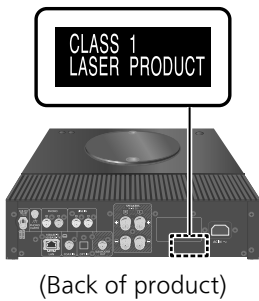
Caution

Unit
- 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.
- Do not put any objects on this unit. This unit becomes hot while it is on.
- 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 look at the laser with an observation optical system like magnifying glass, however it does not affect the human health.
- Keep magnetic items away from the product. Powerful magnets inside the top cover and disc tray part may damage debit cards, travel cards (transit passes), clocks and other objects.

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.
- Do not lift or carry this unit by holding the top cover or front of this unit. Doing so may cause this unit to fall, resulting in personal injury or malfunction of this unit.

Battery

- 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 the battery if you do not intend to use the remote control 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 or different types at the same time.
- When disposing of the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.
- 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.

CLASS 1
LASER PRODUCT

(Back of product)

Caution for AC Mains Lead

(For the AC mains plug of three pins)
For your safety, please read the following text carefully.

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.
A 3-ampere fuse is fitted in this plug.
Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 3-ampere and that it is approved by ASTA or BSI to BS1362.
Check for the ASTA mark ⟨ASA⟩ or the BSI mark ▽ on the body of the fuse.
If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.
If you lose the fuse cover the plug must not be used until a replacement cover is obtained.
A replacement fuse cover can be purchased from your local dealer.

Before use

Remove the connector cover.

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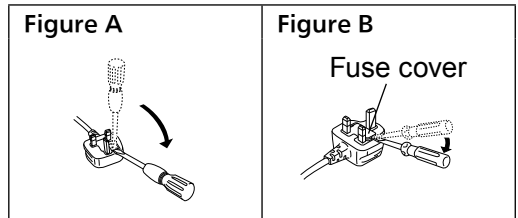
2. Replace the fuse and close or attach the fuse cover.

Figure A	Figure B
Fuse (3 ampere)	Fuse (3 ampere)
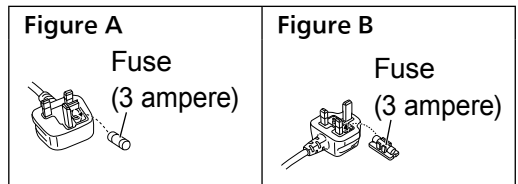
Installation

Turn off all the equipment before connection and read the appropriate operating instructions. Be sure to raise this unit when moving, and do not drag this unit.

Unit care

• Pull out the AC mains lead from the socket before maintenance. Clean this unit with a soft cloth.
• When dirt is heavy, wring a wet cloth tightly to wipe the dirt, and then wipe it with a soft cloth.
• Do not use solvents including benzine, thinner, alcohol, kitchen detergent, chemical wiper, etc. Doing so may cause the exterior case to be deformed or the coating to come off.

To dispose of or transfer this unit

Before disposing of or transferring this unit, be sure to erase all the recorded information by restoring the settings to factory default.

① Press [SETUP].
② Press [▲], [▼] repeatedly to select "Initialization" and then press [OK].
③ Press [▲], [▼] to select "Yes" and then press [OK].
　• A confirmation screen appears. Select "Yes" in the following steps to restore all the settings to defaults.
④ Press [▲], [▼] to select "Yes" and then press [OK] again.
　• Before you dispose of or transfer this unit to a third party, be sure to log out of your music streaming services accounts to prevent unauthorised use of your accounts.

Not all music streaming services are available in all countries/regions. Registration/subscription may be required, or fees may be charged to use music streaming services. Services are subject to change or be discontinued. For details, visit an individual music streaming service's website.

Important notice:
Before you dispose of or transfer this unit to a third party, be sure to log out of your music streaming services accounts to prevent unauthorised use of your accounts.

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

These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries must not be mixed with general household waste.
For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points in accordance with your national legislation.
By disposing of them correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment.
For more information about collection and recycling, please contact your local municipality.
Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

Note for the battery symbol (bottom symbol):
This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.
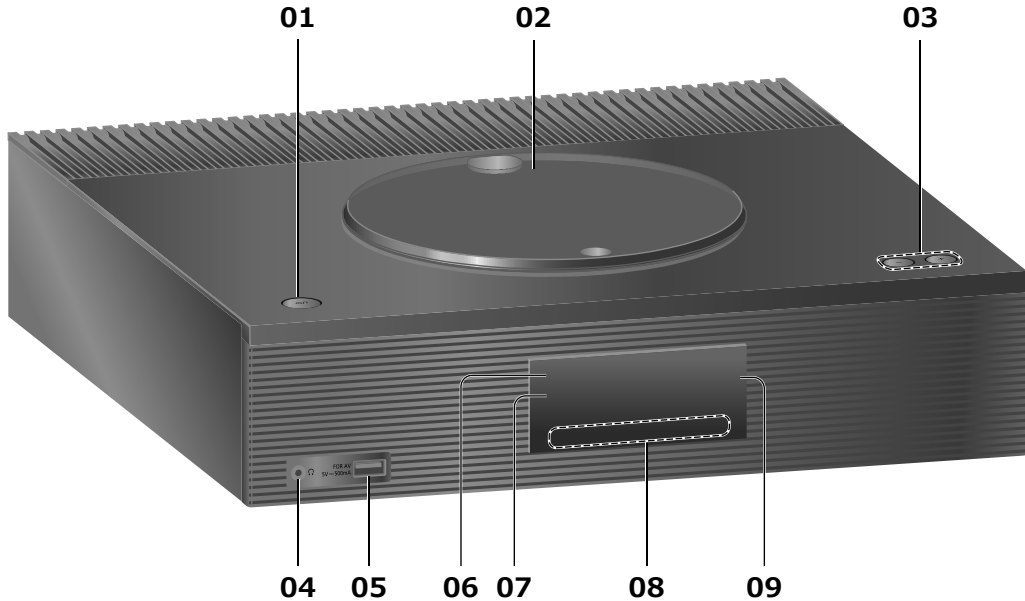
Control reference guide

This unit (front)

01 Standby/on switch (⏻/|)
- 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.

02 Top cover
- The top cover can slide to the both sides.
- The magnet is built-in to keep the top cover closing.
- Do not apply too much force to the top cover when sliding it. Doing so may cause malfunction.
- Do not leave the top cover open for a prolonged period. Doing so will cause the lens to become dirty.
  (⇒ 16)

03 Adjust volume
- 0 (min) to 100 (max)

04 Headphones jack
- When a plug is connected, the speaker output terminals and subwoofer output terminal do not output sound.
- Excessive sound pressure from earphones and headphones can cause hearing loss.
- Listening at full volume for long periods may damage the user's ears.

05 USB-A terminal (For AV) (5 V ⎓ 500 mA)
- You can connect a USB device to the unit and play back music stored on the USB device.

06 Power indicator
- Blue: The unit is on.
- Red: The unit is in standby mode with the network standby function.
- Off: The unit is in standby mode with no function available.

07 Remote control signal sensor
- Reception distance:
  Within approx. 7 m directly in front
- Reception angle:
  Approx. 30° left and right

08 Touch switches
- [SELECT]:
  Switch the input source
- [|◄◄], [►►|], [■], [►/‖]:
  Playback operation buttons
  (e.g. "CD")

Stop	[■]
Pause	[►/‖] • Press again to resume.
Skip	[|◄◄] [►►|]
Search	Press and hold [|◄◄] or [►►|].

- Each time you press the switch, a beep sound will be heard.

09 Display
- Input source, clock, playback status, etc. are displayed.

08

This unit (rear)
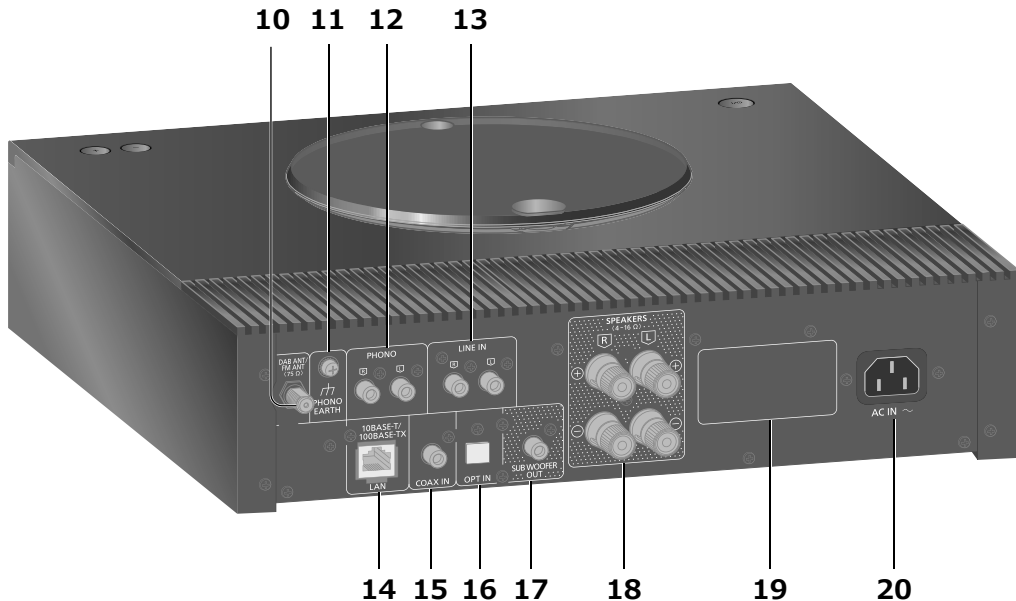
10 DAB ANT / FM ANT terminal
(⇒ 11, 17)

11 PHONO EARTH terminal
• For connecting the ground wire of a turntable.

12 Analogue audio input terminals (PHONO)
• Please use the cable less than 3 m.

13 Analogue audio input terminals (LINE)

14 LAN terminal
(⇒ 14)

15 Coaxial digital input terminals (COAX)

16 Optical digital input terminal
• You can connect a DVD player, etc. with optical digital audio cable (not supplied) and play back music.
• The digital audio input terminal of this unit can only detect the following linear PCM signals. For details, refer to the operating instructions of the connected device.
 – Sampling frequency:
 32/44.1/48/88.2/96 kHz
 – Number of quantisation bits:
 16/24 bit

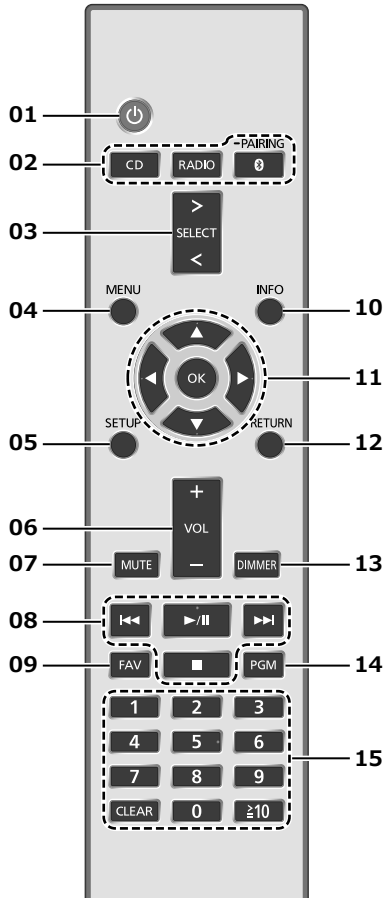**17 Subwoofer output terminal**

18 Speaker output terminals
(⇒ 11)

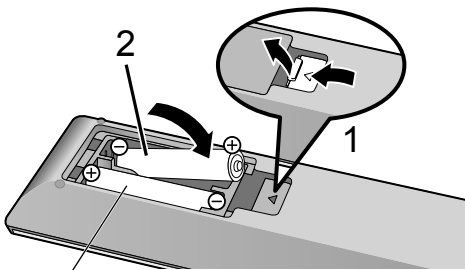**19 Product identification marking**
• The model number is indicated.

20 AC IN terminal (∼)
(⇒ 12)

Remote control

01 — ⏻
02 — CD RADIO ⑧ —PAIRING
03 — > SELECT <
MENU — 04
INFO — 10
05 — SETUP
11
12 — RETURN
06 — + VOL —
07 — MUTE
DIMMER — 13
08 — ⏮ ▶/⏸ ⏭
09 — FAV ■ PGM — 14
15 — 1 2 3 / 4 5 6 / 7 8 9 / CLEAR 0 ≧10

■ Using the remote control

R03/LR03, AAA
(Alkaline or manganese batteries)

Note

• Insert the battery so the terminals (⊕ and ⊖) match those in the remote control.
• Point it at the remote control signal sensor on this unit. (⇒ 08)
• Keep the batteries out of reach of children to prevent swallowing.

01 [⏻]: Standby/on switch
• 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.

02 [CD]/[RADIO]/[⑧-PAIRING]: Select the device to be operated (⇒ 16, 17, 18)

03 [>SELECT<]: Switch the input source

04 [MENU]: Enter menu (⇒ 16, 17, 18)

05 [SETUP]: Enter setup menu

06 [+VOL-]: Adjust the volume
• 0 (min) to 100 (max)

07 [MUTE]: Mute the sound
• Press [MUTE] again to cancel. "MUTE" is also cancelled when you adjust the volume or when you turn the unit to standby.

08 Playback operation buttons

09 [FAV]: Select the favourite radio station or playlist (DAB/DAB+, FM, Internet Radio, Podcasts, etc.)
• You can register up to 9 favourite stations. To register, press and hold [FAV] while the favourite station or playlist is played back, select the number to register and then press [OK].

10 [INFO]: View content information
• Press this button to display the track, artist, and album names, file type, sampling frequency, and other information. (The information varies depending on the input source.)
• Press and hold this button to display the setting status of "RE-MASTER".

11 [▲], [▼], [◄], [►]/[OK]: Selection/OK

12 [RETURN]: Return to the previous display

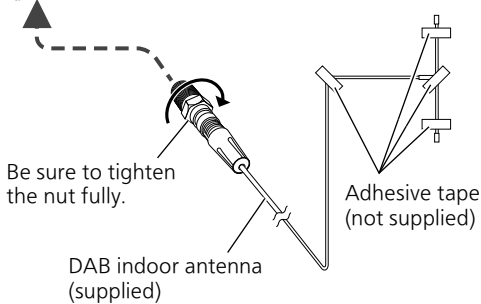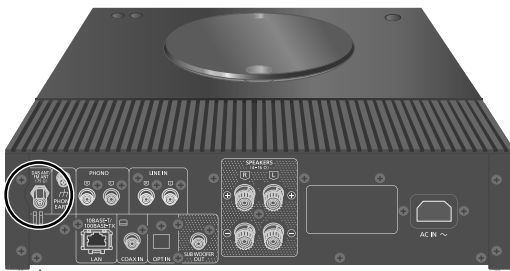**13 [DIMMER]: Adjust the brightness of the display, etc.**
• When the display is turned off, it will light up for a few seconds only when you operate this unit. Before the display turns off, "Display Off" will be displayed for a few seconds.
• Press repeatedly to switch the brightness.

14 [PGM]: Set the programme function

15 Numeric buttons, etc.
• To select a 2-digit number
Example:
16: [≧10] > [1] > [6]
• To select a 4-digit number
Example:
1234: [≧10] > [≧10] > [≧10] > [1] > [2] > [3] > [4]
• [CLEAR]: Clear the entered value.

Antenna connection

Be sure to tighten the nut fully.

DAB indoor antenna (supplied)

Adhesive tape (not supplied)

- This unit can receive DAB+ and FM stations with the DAB antenna.
- Tape the antenna to a wall or column at the position with the least amount of interference.
- If radio reception is poor, use a DAB outdoor antenna (not supplied).
- The interference may occur if any electronic devices are nearby.

Analogue audio output device connection

When connecting a turntable, connect the PHONO cable (not supplied) to PHONO terminals and the PHONO earth lead to the PHONO EARTH terminal of this unit.

When connecting an analogue audio output device such as Blu-ray Disc player, connect the analogue audio cable (not supplied) to LINE IN terminals.
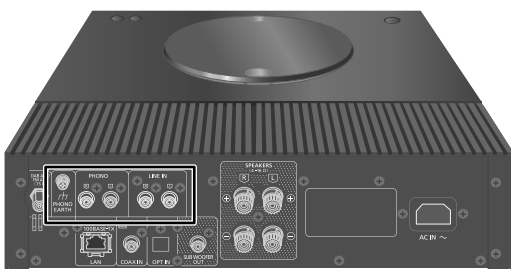
Analogue audio output device (Turntable, Blu-ray Disc player, etc.)

- Press [>SELECT<] repeatedly to select "PHONO" or "LINE" to play back. (Turn the volume down before switching the input.)
- Do not connect an analogue audio output device such as Blu-ray Disc player to PHONO terminals.
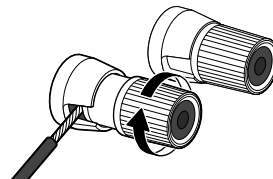
Speaker connection

Speaker cable (not supplied)

Speaker cable (not supplied)
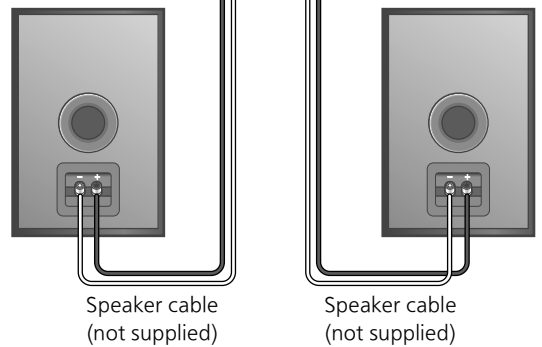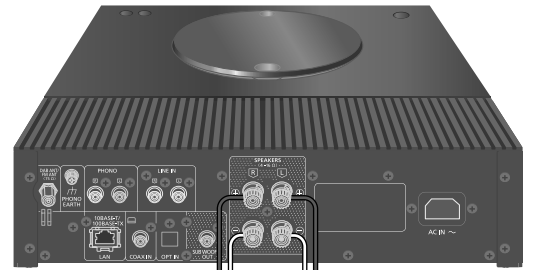
1 Turn the knobs to loosen them, and insert the core wires into the holes.

2 Tighten the knobs.

11

Connections (Continued)
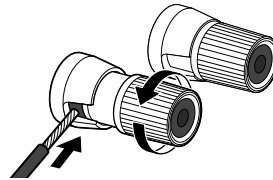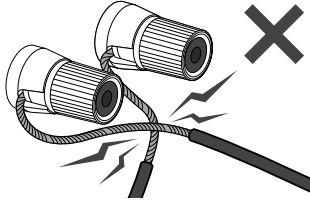
| Note |

- When the connections are completed, pull the speaker cables lightly to check that they are connected firmly.
- Be careful not to cross (short-circuit) or reverse the polarity of the speaker wires as doing so may damage the amplifier.

DO NOT

- Wire the polarity (+/-) of the terminals correctly. Not doing so may adversely affect stereo effects or cause malfunction.
- For details, refer to the operating instructions of the speakers.

AC mains lead connection

Connect only after all other connections are completed.

AC IN terminal

To a household mains socket

- Use only the supplied AC mains lead.
- Do not connect the AC mains lead until all other connections are complete.
- Insert the plugs of the cables to be connected all the way in.
- Do not bend cables at sharp angles.
- Wireless LAN (Wi-Fi®) setting may start when this unit is turned on. If you stop the Wi-Fi setting, select "No" in "Wi-Fi Setup" screen. Select "Yes" to keep the Wi-Fi setting. (⇒ 14)

| Note |

- This unit consumes a small amount of AC power (⇒ 20) even when the unit is in standby mode. Remove the plug from the main electrical outlet if you will not be using the unit for an extended period of time. Place the unit so the plug can be easily removed.

You can stream online music services or music files from your smartphone/tablet to this unit. To use these features, this system must join the same internet-connected network as the compatible device.
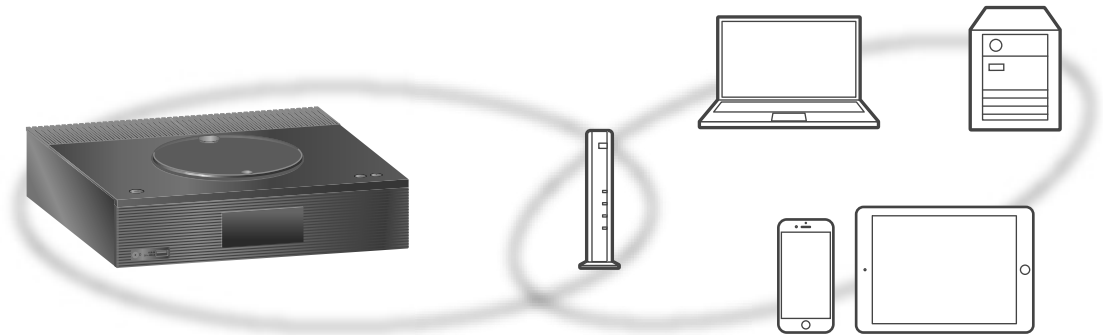
This unit can be connected to a router using a LAN cable or built-in Wi-Fi®.
For a stable connection to the network, a wired LAN connection is recommended.

Note

• If you try to change the network settings immediately after turning on this unit, it may take some time until the network setup screen is displayed.
• If "Firmware update is available" is displayed after the network connection is set up, the firmware for this unit is available.
 – For the update information, refer to the following website.
   www.technics.com/support/firmware/

■ Preparation
If you install the Google Home app or Apple Home app on your smartphone/tablet, you can set up a connection using the application.
• When using Google Cast™-enabled apps to play music on this unit, set up a connection using the Google Home app.
• When using AirPlay to play music on this unit, add the product to Home in the Apple Home app. Adding this unit to the network via Apple Home app will also allow the user to stream audio using Siri.
• Make sure that the Wi-Fi function is activated on your smartphones/tablet.

(Using Google Home app)

1 Install the Google Home app on your smartphone/tablet.

 • To download the Google Home app, visit:
   https://www.google.com/cast/setup/

(Using Apple Home app)

1 Install Apple Home app on your smartphone/tablet.

 • To download Apple Home app, visit:
   https://www.apple.com/ios/home/
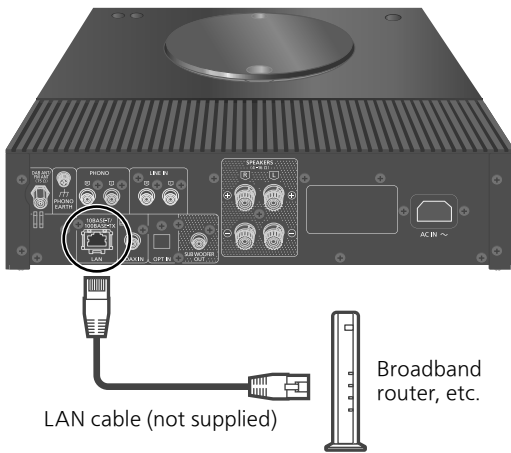
2 Connect your smartphone/tablet to the same network as this unit before setting.

 • Make sure that the network is connected to the Internet.

Wired LAN connection

LAN cable (not supplied)

Broadband router, etc.

1 Disconnect the AC mains lead.

2 Connect this unit to a broadband router, etc. using a LAN cable.

3 Connect the AC mains lead to this unit, and press [⏻]. (⇒ 12)

  • When the connection is established, " ⊥ " is displayed.

4 Press [>SELECT<] to select "Google Cast".

(Using Google Home app)

5 Open the Google Home app and follow the on-screen instructions to set up a connection. (⇒ 15)

(Using Apple Home app)

5 Open Apple Home app and follow the on-screen instructions to add product to Home. (⇒ 15)

Note

• While the AC mains lead is disconnected, the LAN cable must be connected or disconnected.
• Use category 7 or above straight LAN cables (STP) when connecting to peripheral devices.
• Inserting any cable other than a LAN cable in the LAN port can damage the unit.
• When a LAN cable is connected, the Wi-Fi function may be disabled.

Wireless LAN connection

■ Preparation

① Disconnect the AC mains lead.
② Disconnect the LAN cable.
③ Place this unit as close to the wireless router as possible.
④ Connect the AC mains lead to this unit. (⇒ 12)

Note

• The setting will be cancelled after the set time limit. In that case, try the setting again.
• To cancel this setting in the middle, press [■] or turn the unit to standby mode.
• When the connection is established, " ⊽ " is displayed. (⇒ 15)

Network setting for the first time using app

1 Press [⏻] to turn this unit on.
  • "Wi-Fi Setup" is displayed.

2 Press [▲], [▼] to select "Yes" and then press [OK].

(Using Google Home app)

3 Open the Google Home app and follow the on-screen instructions. (⇒ 15)

(Using Apple Home app)

3 Open the Apple Home app and follow the on-screen instructions. (⇒ 15)

Note

• This unit will be displayed as "Technics-SA-C100-✱✱✱✱" if the device name is not set. ("✱✱✱✱" stands for characters unique to each set.)
• You can check your network information (SSID, MAC address and IP address) from the Google Home app or "Technics Audio Center" app.
• Some items on the Google Home app are irrelevant to this unit.
• When this unit is switched to standby mode and turned on before the Wi-Fi setting is complete, "Wi-Fi Setup" is displayed. Set "Wi-Fi Menu" to "Off" to turn off the display.

Setting the network from the setup menu

1 Press [>SELECT<] to select "Google Cast".

2 Press [SETUP].

3 Press [▲], [▼] repeatedly to select "Network" and then press [OK].

 • When "Wi-Fi Menu" screen is displayed, press [OK].

4 Press [▲], [▼] to select "On" and then press [OK]. (The wireless LAN menu is enabled.)

5 Press [▲], [▼] to select "Wi-Fi Setup" and then press [OK].

 • "Setting" is displayed.

(Using Google Home app)

6 Open the Google Home app and follow the on-screen instructions.

(Using Apple Home app)

6 Open the Apple Home app and follow the on-screen instructions.

■ Using the Google Home app or Apple Home app
"Wi-Fi Setup"

1 Open the Google Home app or Apple Home app and follow the on-screen instructions to set up a connection.

 • When the connection is established, "Success" is displayed.
  – "Fail" may be displayed if the connection was not complete. Try this method again from the setup menu. If "Fail" is still displayed, try other methods.

2 Press [OK] to exit the setting.

| Note |

• This unit will be displayed as "Technics-SA-C100-∗∗∗∗" if the device name is not set. ("∗∗∗∗" stands for characters unique to each set.)
• You can check your network information (SSID, MAC address and IP address) from the Google Home app or "Technics Audio Center" app.
• Some items on the Google Home app are irrelevant to this unit.

Streaming music over the network

This unit is compatible with Google Cast-enabled apps. For detailed information of Google Cast-enabled apps, visit:
g.co/cast/apps
You can also stream music files from the device on your network to this unit by using the free app "Technics Audio Center". Download and install the app from the website below.
www.technics.com/support/
And, you can also stream music over AirPlay.

■ Preparation
• Complete the network settings. (⇒ 13) (Make sure that the network is connected to the Internet.)
• Install the supported application on your device.
• Connect the device to the network currently used at home.

1 Open a Google Cast-enabled app, AirPlay-enabled app or "Technics Audio Center" app on your device (smartphone, tablet, etc.), and select this unit as the output speaker.

2 Play back the music.

Playing back CDs

Lens
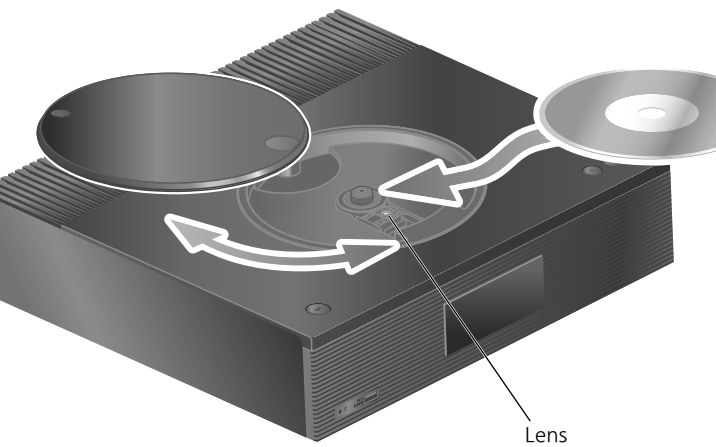
1 **Press [⏻] to turn this unit on.**

2 **Press [CD].**

3 **Open the top cover with a sliding motion and then insert the CD.**
   - The top cover can slide to the both sides.
   - Place the CD with its label facing up, and push the centre of the CD until a clicking sound is heard.

4 **Close the top cover with a sliding motion.**
   - This unit cannot play back the CD while the top cover is open.

5 **Press [▶/❚❚].**

■ To eject the CD

① Open the top cover with a sliding motion.
② Eject the CD.

   - Be careful not to hit the CD with the top cover.
   - Eject the CD after the CD has stopped turning.

Note

- Be careful not to get your finger caught in the top cover when opening/closing it.
- Be careful not to touch the lens with your fingers.
- The lens lights when the following operations are performed with no CD inserted. This is not a malfunction.
  – When turning the power on
  – When selecting "CD" as the input source
  – When opening and closing the top cover

■ Repeat Playback/Random repeat playback

① Press [MENU].
② Press [▲], [▼] repeatedly to select "Repeat"/"Random" and then press [OK].
③ Press [▲], [▼] repeatedly to an item and then press [OK].

- During random playback, you cannot skip to the previous track.

■ Programme playback

① Press [PGM] in the stop mode.
   - "Program Mode" screen is displayed.
② Press the numeric buttons to select tracks.
   - Repeat this step to make further selections.
③ Press [▶/❚❚] to start playback.

- Press [◀] or [▶] in the stop mode to check the programmed order.
- Press [CLEAR] in the stop mode to clear the last track.
- Press [PGM] in the stop mode to cancel the programme mode, and the programme memory will be stored.
- Press [■] in the stop mode and select "Yes" to cancel the programme mode. (The programme memory will be cleared.)

Note

- The programme memory is cleared when replacing the CD.
- The programme mode is cancelled when the random repeat playback is set.

Storing DAB/DAB+ stations

To listen to DAB/DAB+ broadcasts, the available stations need to be stored in this unit.

- This unit will automatically start scanning and store the stations available in your region if the memory is empty.

1 Press [RADIO] to select "DAB/DAB+".

2 "Auto Scan" starts automatically.

- "Scan Failed" is displayed if the auto scan is unsuccessful. Locate the position with the best reception (⇒ 11) and then re-scan DAB/DAB+ stations.

■ To listen to the stored DAB/DAB+ stations

① Press [MENU].

② Press [▲], [▼] repeatedly to select "Tuning Mode" and then press [OK].

③ Press [▲], [▼] to select "Station" and then press [OK].

④ Press [I◄◄], [►►I] to select the station.

Presetting DAB/DAB+ stations

You can preset up to 20 DAB/DAB+ stations.

1 Press [RADIO] to select "DAB/DAB+".

2 Press [PGM] while listening to a DAB broadcast.

3 Press [I◄◄], [►►I] to select the desired preset channel, and then press [PGM].

- Presetting is not available when the station is not broadcasting or when the secondary service is selected.
- The station occupying a channel is erased if another station is preset in that channel.

■ To listen to preset DAB/DAB+ stations

① Press [MENU].

② Press [▲], [▼] repeatedly to select "Tuning Mode" and then press [OK].

③ Press [▲], [▼] to select "Preset" and then press [OK].

④ Press [I◄◄], [►►I] or numeric buttons to select the station.

Storing FM stations

You can preset up to 30 channels.
- A station previously stored is overwritten when another station is selected for the same channel by presetting.

1 Press [RADIO] repeatedly to select "FM".

2 Press [MENU].

3 Press [▲], [▼] repeatedly to select "Auto Preset" and then press [OK].

4 Press [▲], [▼] to select an item and then press [OK].

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

Current:
To begin the auto preset with the current frequency.

- The tuner starts to preset all the stations it can receive into the channels in ascending order.
- The factory default is "Lowest".

■ To listen to preset FM channel

① Press [MENU].

② Press [▲], [▼] repeatedly to select "Tuning Mode" and then press [OK].

③ Press [▲], [▼] to select "Preset" and then press [OK].

④ Press [I◄◄], [►►I] or numeric buttons to select the channel.

Using Bluetooth®

Bluetooth® device

Pairing a Bluetooth® device

- Turn on the Bluetooth® feature of the device and place the device near this unit.
- If a Bluetooth® device is already connected, disconnect it.

1 Press [ⓑ-PAIRING].

- When "Pairing" is indicated on the display, proceed to step 5.
- By pressing and holding [ⓑ-PAIRING] this unit starts waiting for registering. Proceed to step 5.

2 Press [MENU].

3 Press [▲], [▼] repeatedly to select "Pairing" and then press [OK].

4 Press [▲], [▼] to select "Yes" and then press [OK].

- "Pairing" is displayed, and this unit waits for registering.

5 Select "Technics-SA-C100-∗∗∗∗" from the Bluetooth® device's menu.

- The name of the connected device is indicated on the display.
- The MAC address "∗∗∗∗" ("∗∗∗∗" stands for a character that is unique to each set.) may be displayed before "Technics-SA-C100-∗∗∗∗" is displayed.
- If the device name is set on the Google Home app, the set name is displayed.

Note

- You can also enter pairing mode by pressing and holding [ⓑ-PAIRING] when the input source is "Bluetooth".
- 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.

Listening to music stored on a Bluetooth® device

1 Press [ⓑ-PAIRING].

- "Ready" or "Pairing" is indicated on the display.

2 Select "Technics-SA-C100-∗∗∗∗" from the Bluetooth® device's menu.

- The name of the connected device is indicated on the display.
- If the device name is set on the Google Home app, the set name is displayed.

3 Start playback on the Bluetooth® device.

Note

- Refer to the operating instructions of the Bluetooth® device for details.
- This unit can only be connected to one device at a time.
- When "Bluetooth" is selected as the input source, this unit will automatically try and connect to the last connected Bluetooth® device. ("Linking" is displayed during this process.)

Disconnecting a Bluetooth® device

1 Press [MENU].

2 Press [▲], [▼] repeatedly to select "Disconnect?" and then press [OK].

3 Press [▲], [▼] to select "Yes" and then press [OK].

Note

- The Bluetooth® device will be disconnected if a different audio source is selected.

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FLAC Decoder

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The Spotify Software is subject to third party licenses found here: https://www.spotify.com/connect/third-party-licenses.

Specifications

■ GENERAL

Power supply	AC 220 V to 240 V, 50/60 Hz
Power consumption	46 W
Power consumption in standby mode (Network Standby Off & No clock display)	0.2 W
Power consumption in standby mode (Network Standby On & No clock display)	2.0 W*1
Dimensions (W×H×D)	340 mm × 94 mm × 341 mm
Mass	Approx. 4.8 kg
Operating temperature range	0 °C to 40 °C
Operating humidity range	35 % to 80 % RH (no condensation)

*1: Wired LAN or Wireless LAN

■ AMPLIFIER SECTION

Output power	50 W + 50 W (1 kHz, T.H.D. 1.0 %, 4 Ω, 20 kHz LPF)
Load Impedance	4 Ω - 16 Ω
Frequency Response	
PHONO (MM)	20 Hz - 20 kHz (RIAA DEVIATION ±1 dB, 8 Ω)
LINE	20 Hz - 40 kHz (-3 dB, 8 Ω)
DIGITAL	20 Hz - 80 kHz (-3 dB, 8 Ω)
Input sensitivity/ Input impedance	
LINE	650 mV / 31 kΩ
PHONO (MM)	6.5 mV / 47 kΩ

■ TUNER SECTION
Frequency Modulation (FM)

Preset memory	30 stations
Frequency range	87.50 MHz to 108.00 MHz (50 kHz step)
Antenna terminals	75 Ω (unbalanced)

DAB

DAB memories	20 channels
Frequency band (wavelength)	Band III (All Band III): 5A to 13F (174.928 MHz to 239.200 MHz)
Sensitivity BER 4×10^{-4}	Min requirement: −98 dBm
DAB external antenna terminal	F-Connector (75 Ω)

■ DISC SECTION

Playable Disc (8 cm or 12 cm)	CD, CD-R, CD-RW
Pickup	
Wavelength	790 nm (CD)
Laser power	CLASS 1
Format	CD-DA

■ Bluetooth® SECTION

Bluetooth® system specification	Bluetooth® Ver.4.2
Wireless equipment classification	Class 2 (2.5 mW)
Supported profiles	A2DP, AVRCP
Supported codec	AAC, SBC
Frequency band	2.4 GHz band FH-SS
Operating distance	Approx. 10 m Line of sight*2

*2: Prospective communication distance
   Measurement environment:
      Temperature 25 °C/Height 1.0 m
      Measure in "Mode1" (Emphasis on connectivity)

■ TERMINALS SECTION

Headphones Jack	Stereo, φ3.5 mm
USB	FRONT USB Type A Connector
Support Memory Capacity	2 TB (max)
Maximum number of folders (albums)	800
Maximum number of files (songs)	8000
File system	FAT16, FAT32, NTFS
USB port power	DC OUT 5 V 0.5 A (max)
Ethernet interface	LAN (100BASE-TX/10BASE-T)
Analogue Input	Line input (Pin Jack) PHONO (MM) (Pin Jack)
Analogue Output	Sub Woofer output (Pin Jack)
Digital Input	Optical digital input (Optical terminal) Coaxial digital input (Pin Jack)
Format support	LPCM

■ FORMAT SECTION
USB-A

USB Standard	USB 2.0 High-speed USB Mass Storage class

■ Wi-Fi SECTION

Standard	IEEE802.11a / b / g / n / ac
Frequency Band	2.4 GHz band 5 GHz band
Security	WPA2™, Mixed mode WPA2™/ WPA™

• The WLAN feature of this product shall exclusively be used inside buildings.

Specifications (Continued)

■ File format

This unit supports the following file formats.
• This unit does not support the playback of copy-protected music files.
• Playback of all files in formats supported by this unit is not guaranteed.
• Playback of a file in a format not supported by this unit may cause choppy audio or noise. In such cases, check to see if this unit supports the file format.
• This unit does not support VBR (Variable Bit Rate) playback.
• Some of the connected devices (servers) may be capable of converting files in formats not supported by this unit and output them. For details, refer to the operating instructions for your server.
• File information (sampling frequency, etc.) shown by this unit and playback software may differ from each other.
• Depending on PC, application, etc., the content may not be played back even though the sampling frequency is supported. Check the PC, application, etc., to play back properly.

USB-A

File format	Extension	Sampling frequency	Bit rate / Number of quantisation bits
MP3	.mp3	32/44.1/48 kHz	16 to 320 kbps
AAC	.m4a/.aac	32/44.1/48/88.2/96 kHz	16 to 320 kbps
WAV	.wav	32/44.1/48/88.2/96/176.4/192/352.8/384 kHz	16/24/32 bit
FLAC	.flac	32/44.1/48/88.2/96/176.4/192/352.8/384 kHz	16/24 bit
AIFF	.aiff	32/44.1/48/88.2/96/176.4/192/352.8/384 kHz	16/24/32 bit
ALAC	.m4a	32/44.1/48/88.2/96/176.4/192/352.8/384 kHz	16/24 bit
DSD	.dff/.dsf	2.8/5.6/11.2 MHz	

LAN (DMR)*

File format	Extension	Sampling frequency	Bit rate / Number of quantisation bits
MP3	.mp3	32/44.1/48 kHz	16 to 320 kbps
AAC	.m4a/.aac	32/44.1/48/88.2/96 kHz	16 to 320 kbps
WAV	.wav	32/44.1/48/88.2/96/176.4/192/352.8/384 kHz	16/24/32 bit
FLAC	.flac	32/44.1/48/88.2/96/176.4/192/352.8/384 kHz	16/24 bit
AIFF	.aiff	32/44.1/48/88.2/96/176.4/192/352.8/384 kHz	16/24/32 bit
ALAC	.m4a	32/44.1/48/88.2/96/176.4/192/352.8/384 kHz	16/24 bit
DSD	.dff/.dsf	2.8/5.6/11.2 MHz	

∗: Whether or not each music file can be played back over your network is determined by the network server even if the format of the file is listed above. For example, if you are using Windows Media Player 11, not all music files on the PC are playable. You can play back only those added to the library of Windows Media Player 11.

Note

• Specifications are subject to change without notice.
• Mass and dimensions are approximate.

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Hereby, "Panasonic Corporation" declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Customers can download a copy of the original DoC to our RE products from our DoC server:

https://www.ptc.panasonic.eu

Contact to Authorised Representative:

Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany

5.15 - 5.35 GHz band is restricted to indoor operations only in the following countries.

AT	BE	BG	CZ	DK	EE	FR	DE	IS
IE	IT	EL	ES	CY	LV	LI	LT	LU
HU	MT	NL	NO	PL	PT	RO	SI	SK
TR	FI	SE	CH	UK(NI)	HR			

UK Declaration of Conformity (DoC)

Hereby, "Panasonic Corporation" declares that this product is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017 No.1206.

Customers can download a copy of the original DoC to our RE products from our DoC server:

https://www.ptc.panasonic.eu/compliance-documents

Contact in the UK:

Panasonic Testing Centre on behalf of Panasonic UK, a branch of Panasonic Marketing Europe GmbH (Importer)

Maxis 2, Western Road, Bracknell, Berkshire, RG12 1RT

5.15 − 5.35 GHz band is restricted to indoor operations only in the United Kingdom.

Type of wireless	Frequency band	Maximum power (dBm e.i.r.p.)
WLAN	2412 - 2472 MHz	18 dBm
	5180 - 5320 MHz	18 dBm
	5500 - 5700 MHz	18 dBm
	5745 - 5825 MHz	14 dBm
Bluetooth®	2402 - 2480 MHz	4 dBm

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