Technics®

OTTAVA™ S

(Image: SC-C50)

Basic Operating Instructions
Wireless Speaker System
SC-C50 / SC-C30

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.
  https://www.technics.com/support/downloads/oi/SC-C50_C30.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.
  http://www.adobe.com/products/acrobat/readstep2.html

Sales and Support Information
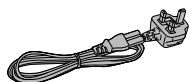**Customer Communications Centre**
- For customers within the UK: 0333 222 8777
- For customers within Ireland: 01 447 5229
- Monday–Friday 9:00 am – 5:00 pm, (Excluding public holidays).
- For further support on your product, please visit our website: www.technics.com/uk/

Table of contents

Accessories

AC mains lead (1)
K2CT3DR00009

- The smartphone on the cover page is not supplied with this unit.
- Product numbers provided in these operating instructions are correct as of July 2019.
- 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 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.

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.
• Keep magnetised items away. Magnetised cards, watches, etc., can be damaged if placed too close to this system.

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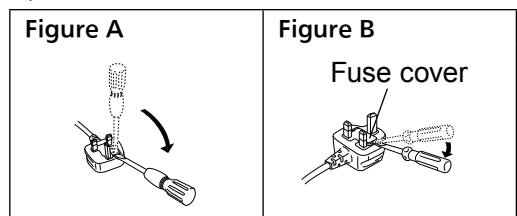
2. Replace the fuse and close or attach the fuse cover.

Figure A	Figure B
Fuse (3 ampere)	Fuse (3 ampere)
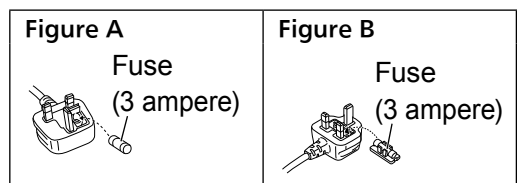
Panasonic Corporation, a company having its registered office of 1006, Oaza Kadoma, Kadoma City, Osaka 571-8501, Japan, automatically collects personal data such as IP address and/or Device ID from your device as soon as you connect it to the Internet. We do this to protect our customers and the integrity of our Service as well as to protect the rights or property of Panasonic.

You have a right of access, rectification and objection to in certain circumstances, a right of erasure, restriction of processing, data portability and a right to object to other forms of processing. If you wish to exercise any of the above rights and/or wish to know more about the processing of your personal data in this context, please refer to the full text of our privacy policy displayed at the support page of your device, http://panasonic.jp/support/global/cs/audio/, http://www.technics.com/support/ or contact our customer communications/support number or address described in the Pan European Guarantee included in your device box to send you the full text of our privacy policy.

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

This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products must not be mixed with general household waste.

For proper treatment, recovery and recycling of old products, 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.

Declaration of Conformity (DoC)

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:

http://www.ptc.panasonic.eu

Contact to Authorised Representative:

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

Type of wireless	Frequency band	Maximum power (dBm e.i.r.p.)
WLAN	2412 - 2472 MHz	20 dBm
	5180 - 5320 MHz	20 dBm
	5500 - 5700 MHz	20 dBm
Bluetooth®	2402 - 2480 MHz	10 dBm

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	HR

Product Identification Marking is located on the bottom of the unit.

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.

Notes on the speakers

These speakers do not have magnetic shielding. Do not place them near TV, PC or other equipment easily influenced by magnetism.

• Playing music at high volumes for a long period can cause damage to the system and shorten the life of the system.
• Decrease the volume in the following conditions to prevent damage.
  – When playing distorted sound
  – When adjusting the sound quality
  – When turning on/off this unit

For optimum sound effects

The quality and volume of the bass sound, sound localisation performance, sound ambience, etc. will change depending on the installation location of this unit, listening position, room conditions, and other factors. Refer to the information below when installing this unit.

Determining the installation location
• Place this unit on a flat safe surface.

Adjusting the distances between this unit and the wall
• If you install this unit close to a wall or a corner, the bass sound will be more powerful, however, if the unit is too close to it, sound localisation performance and sound ambience may deteriorate.

Adjusting with the Space Tune function
You can adjust the sound quality automatically according to the installation location (near the wall or the corner of the room).

① Press and hold [►/II] for 5 seconds.
  • "Space Tune (Auto)" is displayed.
② Press [►/II] again while "Space Tune (Auto)" is displayed.
  • A test tone outputs quite big while the measurement is in progress.
  • To cancel the adjustment in the middle, press [↩].
  • When the adjustment is complete, "Success" is displayed.

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.

Using "Technics Audio Center"

If you install the dedicated app "Technics Audio Center" (free of charge) on your tablet/smartphone, you can stream music files from the device on your network to this unit and configure the settings of sound quality, etc. For details, visit:
www.technics.com/support/

Firmware updates

Occasionally, Panasonic may release updated firmware for this unit that may add or improve the way a feature operates. These updates are available free of charge.

• Update via Internet (⇒ 11)
• For details of the update via USB flash memory, refer to the following website.
 www.technics.com/support/firmware/

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. To restore the settings to factory default, press and hold both [•DIMMER / -INFO] and [⏻/I] simultaneously for 5 seconds or longer while the unit is on. The unit restarts automatically, and all the settings are restored to factory default.

• 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.

Control reference guide

This unit (front/top)

SC-C50

08

SC-C30

08
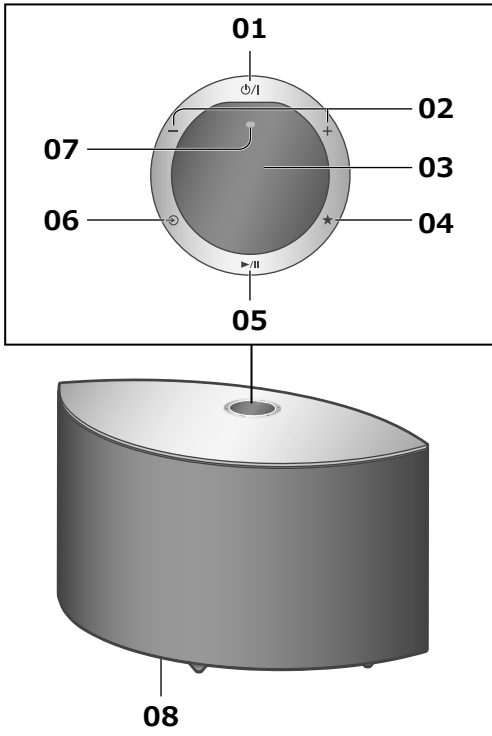
01 [⏻/I] Standby/on switch
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.

02 [−] [+] Adjust volume
• 0 (min) to 100 (max)

03 Display
Input source, etc. are displayed.

04 [★] Favourite
You can register your favourite station or playlist (USB, Podcasts, etc.), and call them.
• You can register up to 9 favourite stations or playlists. To register, press and hold [★] until "Memorised" is displayed while a station tuned in or music is being played back. Then, the station or music is automatically registered to an unused number from 1 to 9.
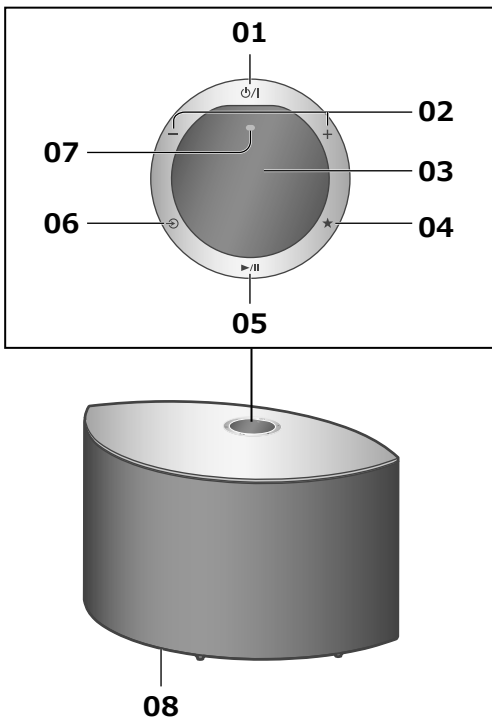
05 [▶/II] Play/Pause

06 [⇄] Switch the input source

07 Built-in microphone

08 Product identification marking (Bottom of this unit)
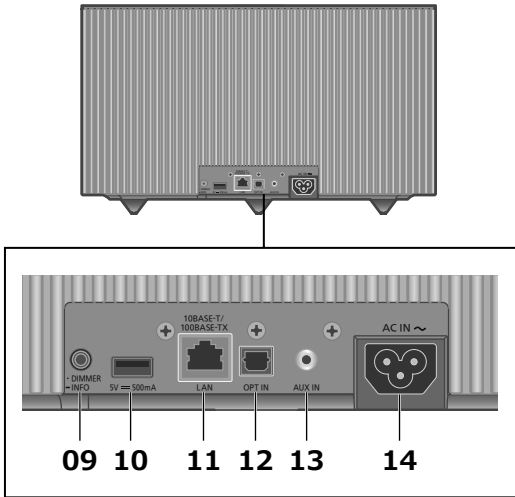• The model number is indicated.

This unit (rear)

SC-C50

09 10 11 12 13 14

09 [•DIMMER / -INFO]

Adjust the brightness of illumination of the display and bottom of the unit.

- 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 [•DIMMER / -INFO] repeatedly to switch the brightness.
- Press and hold [•DIMMER / -INFO] to display the network status or settings. The displayed items are changed by pressing [•DIMMER / -INFO] repeatedly. (The brightness does not change during this period.)

10 USB-A terminal (DC 5 V $=$ 500 mA)

You can play back music stored on the connected USB device using the dedicated app "Technics Audio Center" (free of charge) on your tablet/smartphone ($\Rightarrow$ 10). For details, visit:

www.technics.com/support/

- If a USB device is connected, [•DIMMER / -INFO] is difficult to press. Remove the USB device as necessary.
- The unit and USB device become warm when using for a long time. This is not a malfunction.

11 LAN terminal ($\Rightarrow$ 12)
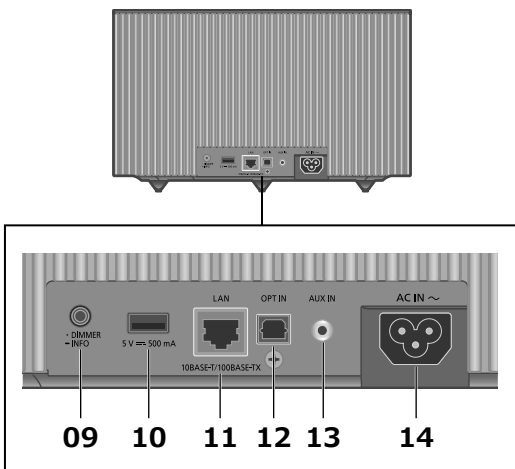
12 Optical digital input terminal

You can connect a CD player, etc. with optical digital audio cable (not supplied) and play back music. ($\Rightarrow$ 10)

13 AUX IN terminal

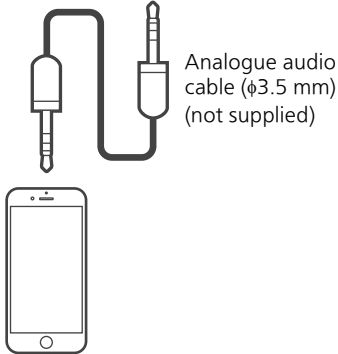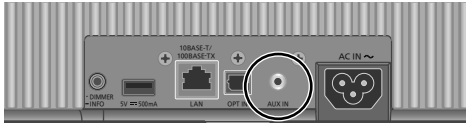You can connect a portable audio player, etc. with an analogue audio cable (ϕ3.5 mm) (not supplied) and play back music. ($\Rightarrow$ 10)

14 AC IN terminal ($\sim$) ($\Rightarrow$ 10)

SC-C30

09 10 11 12 13 14

SC-C50 is used in the illustrations unless otherwise mentioned.

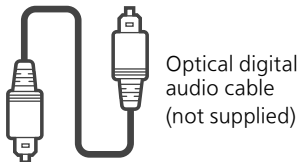## Connecting analogue audio output device

Analogue audio cable (φ3.5 mm) (not supplied)
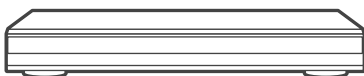
Portable audio player, etc.

Note

• When enjoying video contents with this function, the video and audio output may not be synchronised.

Connecting digital audio output device

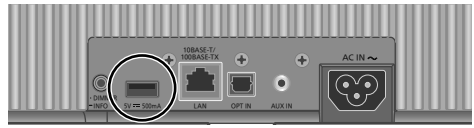Optical digital audio cable (not supplied)

CD player, etc.

Note

• When enjoying video contents with this function, the video and audio output may not be synchronised.
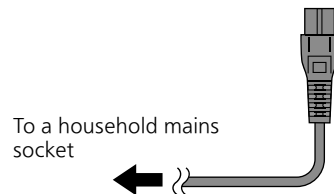
Connecting USB device

USB device

AC mains lead connection

Connect only after all other connections are completed.

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, press [⏻]. To keep the Wi-Fi setting, start the "Google Home" app and follow the on-screen instructions. (⇒ 12)

Note

• This unit consumes a small amount of AC power (⇒ 19) 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.
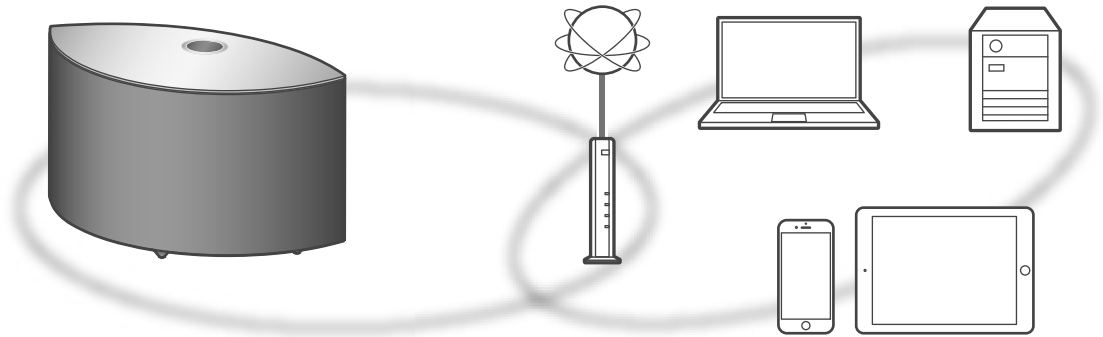
This unit can be connected to a router using a LAN cable or built-in Wi-Fi®.
For a stable connection to the network, a wired LAN connection is recommended.

■ **Preparation**
If you install the "Google Home" app on your smartphone/tablet, you can set up a connection using the application.
• When using the Chromecast-enabled apps to play music on this unit (⇒ 17), set up a connection using the "Google Home" app.
• Make sure that the Wi-Fi function is activated on your smartphones/tablet.

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

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

2 Connect your smartphone/tablet to the same network as this unit before setting.

Note

• After turning on this unit, it may take some time until this unit is activated.
• If "Firmware update is available" is displayed after the network connection is set up, the firmware for this unit is available. Press and hold [▶/❚❚] for 5 seconds or longer to start the update.
   – The progress is displayed as "Updating □ %" while updating. ("□" stands for a number.)
   – When the update has finished successfully, "Success" is displayed. Turn this unit off and on.
• " 🛜 " blinks while the network connection is not established. When the network connection is established, " 🛜 " disappears.
   The network setting using the "Google Home" app may be available while " 🛜 " blinks. Start the "Google Home" app and follow the on-screen instructions. (⇒ 14)

Wired LAN connection

LAN cable
(not supplied)

Broadband router, etc.
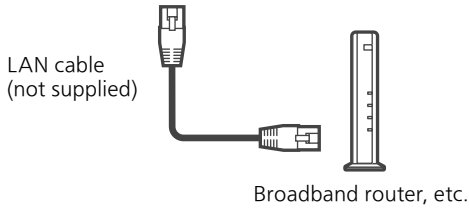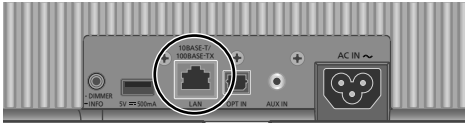
1 Disconnect the AC mains lead.

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

**3 Connect the AC mains lead to this
unit.** (⇒ 10)

4 Press [⏻/I] to turn this unit on.

5 (To use the Chromecast-enabled apps with
this unit (⇒ 17))

**Make sure to set up a connection
using "Google Home" app on your
smartphone/tablet.**

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.
• Even when the Wi-Fi function is set to
"On", the wired LAN function is activated
while a LAN cable being connected. (" 📶 "
disappears.)

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.
(⇒ 10)

Note

• The setting will be cancelled after the set time
limit. In that case, try the setting again.
• " 📶 " disappears when the Wi-Fi setting is
complete.
• To cancel this setting in the middle, press [↩]
or turn the unit to standby mode.

Network setting for the first time using the "Google Home" app

1 Press [⏻/I] to turn this unit on.
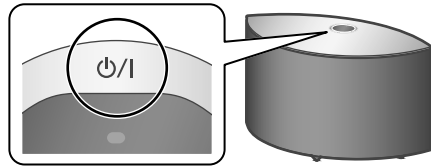
• "Wi-Fi Setup" starts blinking.

Wi-Fi
Setup

**2 Start the "Google Home" app and
follow the on-screen instructions.**

Note

• This unit will be displayed as "Technics-
SC-C50-✱✱✱✱" ("Technics-SC-C30-✱✱✱✱") 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 turned off and on before
the Wi-Fi setting is complete, "Wi-Fi Setup"
is displayed again. Perform the Wi-Fi setting
or set the Wi-Fi function to "Off" so that it is
not displayed thereafter. To switch the Wi-Fi
function between "On" and "Off", press [↩]
to cancel the Wi-Fi setting in the middle,
press and hold the volume [▬] on the top and
[•DIMMER / -INFO] on the rear of this unit for
approx. 5 seconds.
• For other connection methods (⇒ 13)

Setting the network from the setup menu

1 Press and hold [⏻] on the top and [•DIMMER / -INFO] on the rear of this unit.

2 Connection methods (WPS/WPS PIN/ Wi-Fi Setup) are displayed in turn.
- The display changes every 5 seconds.

WPS
- If your wireless broadband router supports the WPS (Wi-Fi Protected Setup™) push button (Using the WPS button)

WPS PIN 64428147
- If your wireless broadband router support the WPS PIN code method (Using the WPS PIN code)

Wi-Fi Setup
- When using the "Google Home" app to set up a connection (Using the "Google Home" app)

3 Release [⏻] and [•DIMMER / -INFO] while the selected connection method is displayed.

| Note |

- When using the Chromecast-enabled apps to play music on this unit (⇒ 17), set up a connection using the "Google Home" app.
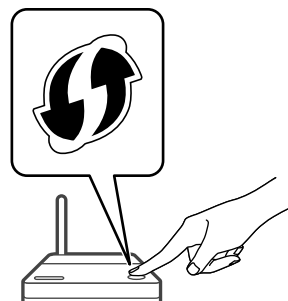
■ Using the WPS button
"WPS"

(When not using the Chromecast-enabled apps with this unit)
If your wireless router supports WPS, you can set up a connection by pressing the WPS button.
- A compatible wireless router may have the WPS identifier mark.
- Complete the settings within 2 minutes while "WPS" is displayed.

1 After "WPS" is displayed, press the WPS button on the wireless router.

Example:

- 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 [▶/Ⅱ] to exit the setting.

■ Using the WPS PIN code
"WPS PIN"

(When not using the Chromecast-enabled apps with this unit)
If your wireless router supports WPS, you can set up a connection by entering the WPS PIN code.
- For details on how to enter the PIN code, refer to the operating instructions of the wireless router.
- Complete the settings within 2 minutes while "WPS PIN" and the PIN code are displayed.

1 Enter the PIN code into the wireless router from PC, etc.

- 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 [►/ıı] to exit the setting.

> **Note**

• Depending on a router, other connected devices may temporarily lose their connection.
• For details, refer to the operating instructions of the wireless router.

■ **Using the "Google Home" app**
  "Wi-Fi Setup"

(When using the Chromecast-enabled apps with this unit)
You can set up a connection using the "Google Home" app.

1 Start the app and follow the on-screen instructions.

2 Press [►/ıı] to exit the setting.

> **Note**

• This unit will be displayed as "Technics-SC-C50-✳✳✳✳" ("Technics-SC-C30-✳✳✳✳") 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.

▌To use Chromecast-enabled apps

When using the Chromecast-enabled apps to play music on this unit, you need to set up a network connection using "Google Home" app. When the network has been set up with another method, try the setting again with the following procedure.
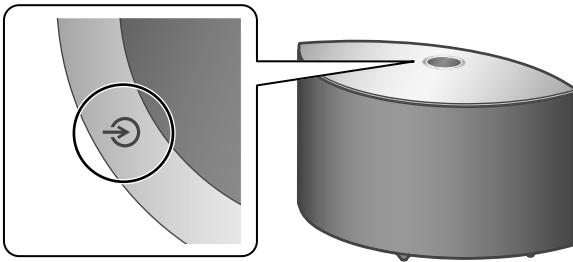
1 Press and hold [⟳] on the top and [•DIMMER / -INFO] on the rear of this unit.
  • The displayed connection method is switched every 5 seconds.

2 When "Wi-Fi Setup" is displayed, release [⟳] and [•DIMMER / -INFO].
  • "Wi-Fi Setup" starts blinking.

3 Proceed to "Using the "Google Home" app".

1 Press [⏻/I] to turn this unit on.

2 Press [⊸] repeatedly to select the input source.

• Each input source can be played back with this unit (see below).

• Some inputs can be available when using "Google Home" or "Technics Audio Center" (free of charge). For details, visit:

www.technics.com/support/

– Complete the network settings. (⇒ 11)

AUX **Using the auxiliary input**

You can connect a portable audio player, etc. with an analogue audio cable (φ3.5 mm) (not supplied) and play back music. (⇒ 10)
• Start playback on the connected device.

OPT **Using digital audio output device**

You can connect a CD player, etc. with optical digital audio cable (not supplied) and play back music. (⇒ 10)
• Start playback on the connected device.

Using Bluetooth®

You can listen to the sound from the Bluetooth® audio device from this unit wirelessly. (⇒ 16)
• Start playback on the Bluetooth® device.

USB **Using USB device**

You can play back music stored on the connected USB device.
• Use the dedicated app "Technics Audio Center" (free of charge) to play back.

Podcasts **Playing Internet Radio and Podcasts**

Using the free app "Technics Audio Center", you can play an internet radio by setting this unit as a speaker for the internet radio.
• Use the dedicated app "Technics Audio Center" (free of charge) to play back.

Chromecast built-in **Using Chromecast-enabled apps**

This unit has the Chromecast built-in. You can stream music files from your device (smartphone, tablet, etc.) with Chromecast-enabled apps and select this unit as the output speaker. (⇒ 17)
• For detailed information of Chromecast-enabled apps, visit:
g.co/cast/apps

Using music streaming services (Spotify, etc.)

You can play music from music streaming services, such as Spotify etc. by setting this unit as a speaker.
• For music streaming services supported by this unit, visit:
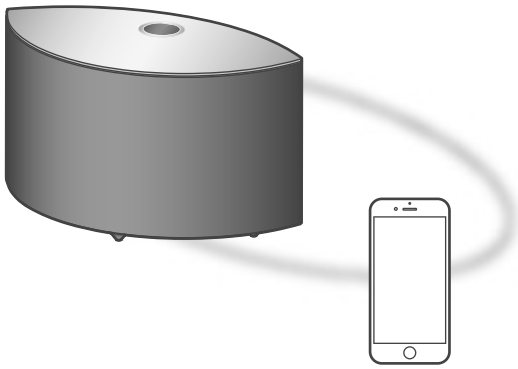www.technics.com/support/

DMR **Streaming music files on network devices**

You can stream music files from the device on your network to this unit by using the free app "Technics Audio Center". (⇒ 17)

AirPlay **Using AirPlay**

You can play back music stored on iOS device, etc. using AirPlay.

Bluetooth® device

Pairing a Bluetooth® device

• Turn on this unit, Bluetooth® device and place the device near this unit.
• Turn on the Bluetooth® feature of the device.

1 Press [↩] repeatedly to select "❸".
   • "❸" blinks at 1 second interval.
   • "❸" blinks per second and this unit tries to connect to the last connected Bluetooth® device. After the connection is complete, proceed to step 4.

2 Press and hold [↩].
   • "❸" blinks at 1 second interval and this unit enters the registration standby state.

3 Open the Bluetooth® connection screen, etc. on the Bluetooth® device, and select "Technics-SC-C50-∗∗∗∗" ("Technics-SC-C30-∗∗∗∗").
   • "∗∗∗∗" stands for numbers unique to each set.
   • If the device name is set on the "Google Home" app, the set name is displayed.

4 Play music by operating the Bluetooth® device.

Note

• 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

• If a Bluetooth® device is already connected, disconnect it.

1 Press [↩] repeatedly to select "❸".
   • "❸" blinks per second and this unit will automatically try to connect to the last connected Bluetooth® device. After the connection is complete, proceed to step 3.

**2 Open the Bluetooth® connection screen, etc. on the Bluetooth® device, and select "Technics-SC-C50-∗∗∗∗" ("Technics-SC-C30-∗∗∗∗").**

3 Play music by operating 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.
• The Bluetooth® device will be disconnected if a different audio source is selected.

Listening to music using Chromecast-enabled app
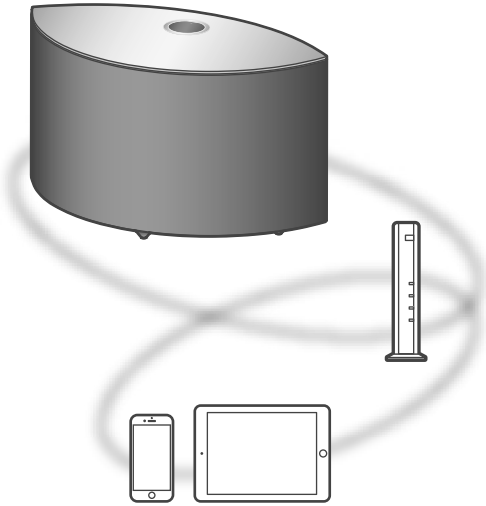
This unit is compatible with Chromecast-enabled apps. For detailed information of Chromecast-enabled apps, visit:
g.co/cast/apps

■ Preparation

- Complete the network settings. (⇒ 11)
  - Make sure that the network is connected to the Internet.
- Install a Chromecast-enabled app on your device (smartphone, tablet, etc.).
- Connect the device to the network currently used at home.

1 Start the Chromecast-enabled app on your device (smartphone, tablet, etc.).

- The input source is automatically switched to "Chromecast built-in".

2 Play back the music.

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.

Streaming music files on network devices
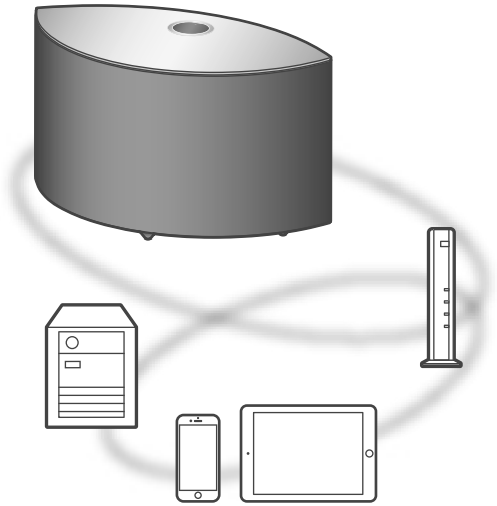
You can stream music files from the device on your network to this unit by using the free app "Technics Audio Center".

■ Preparation

- Complete the network settings. (⇒ 11)
- Connect the following devices to the same network as this unit.
  - Device with "Technics Audio Center" app installed
  - Device containing music source

1 Install the free app "Technics Audio Center" on your smartphone, tablet, etc.

- Download and install the app from the website below.
  www.technics.com/support/

2 Start the app "Technics Audio Center".

- Always use the latest version of the app.

3 Select this unit as the output speaker.

4 Select a music source.

5 Select a music file.

Licenses

Wi-Fi CERTIFIED / Wi-Fi PROTECTED SETUP

The Wi-Fi CERTIFIED™ Logo is a certification mark of Wi-Fi Alliance®.
The Wi-Fi Protected Setup™ Logo is a certification mark of Wi-Fi Alliance®.

Works with Apple AirPlay

Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards.
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This product is compatible with AirPlay 2. iOS 11.4 or later is required.

Chromecast built-in

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

■ **GENERAL**

SC-C50

Power supply	AC 220 V to 240 V, 50/60 Hz
Power consumption	42 W
Power consumption in standby mode (Network Standby Off)	0.2 W
Power consumption in standby mode (Network Standby On with Wireless LAN)	2.0 W
Power consumption in standby mode (Network Standby On with Wired LAN)	2.0 W
Dimensions (W×H×D)	375 mm × 220 mm × 197 mm
Mass	Approx. 5.9 k*g*
Operating temperature range	0 °C to +40 °C
Operating humidity range	35 % to 80 % RH (no condensation)

SC-C30

Power supply	AC 220 V to 240 V, 50/60 Hz
Power consumption	30 W
Power consumption in standby mode (Network Standby Off)	0.2 W
Power consumption in standby mode (Network Standby On with Wireless LAN)	2.0 W
Power consumption in standby mode (Network Standby On with Wired LAN)	2.0 W
Dimensions (W×H×D)	315 mm × 190 mm × 191 mm
Mass	Approx. 4.5 k*g*
Operating temperature range	0 °C to +40 °C
Operating humidity range	35 % to 80 % RH (no condensation)

■ **AMPLIFIER SECTION**

SC-C50

Output power	Front speaker (L/R): 20 W + 20 W (1 kHz, T.H.D. 1.0 %, 8 Ω, 20 kHz LPF) Front speaker (Center): 20 W (1 kHz, T.H.D. 1.0 %, 8 Ω, 20 kHz LPF) Subwoofer: 40 W (100 Hz, T.H.D. 1.0 %, 4 Ω, 20 kHz LPF)

SC-C30

Output power	Front speaker (L/R): 15 W + 15 W (1 kHz, T.H.D. 1.0 %, 8 Ω, 20 kHz LPF) Subwoofer: 30 W (100 Hz, T.H.D. 1.0 %, 4 Ω, 20 kHz LPF)

Specifications (Continued)

■ SPEAKER SECTION

SC-C50

Front speaker (L/C/R)

Type	2 way, 2 speaker (Closed)
Woofer	6.5 cm × 1/ch, Cone type
Tweeter	1.6 cm × 1/ch, Dome type

Subwoofer

Type	1 way, 1 speaker (Bass reflex)
Subwoofer	12 cm × 1, Cone type

SC-C30

Front speaker (L/R)

Type	2 way, 2 speaker (Closed)
Woofer	6.5 cm × 1/ch, Cone type
Tweeter	1.6 cm × 1/ch, Dome type

Subwoofer

Type	1 way, 1 speaker (Bass reflex)
Subwoofer	12 cm × 1, Cone type

■ 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[1]

*1: Prospective communication distance
Measurement environment:
Temperature 25 °C/ Height 1.0 m
Measure in "Mode1"

■ TERMINALS SECTION

USB	Type A Connector USB 2.0 High-Speed DC 5 V 500 mA USB Mass Storage Class File system: FAT16, FAT32, NTFS
Support Memory Capacity	2 TB (max)
Maximum number of folders (albums)	800
Maximum number of files (songs)	8000
Ethernet interface	LAN (100BASE-TX/10BASE-T)
AUX Input	Stereo, φ3.5 mm Jack
Digital Input	Optical digital input (Optical terminal)
Format support	LPCM

■ 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™
WPS version	Version 2.0

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

■ 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 or 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 devices or servers.
- File information (sampling frequency, etc.) shown by this unit and playback software may differ from each other.

Optical digital input

Format support	Sampling frequency	Bit rate/ Number of quantisation bits
LPCM	32/44.1/48/88.2/96 kHz	16/24 bit

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.

Panasonic Corporation

Web Site: http://www.panasonic.com

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