

Technics®



Operating Instructions

Wireless Speaker System

SC-CX700

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

A handwritten signature in black ink that reads "Michiko Ogawa". The signature is fluid and cursive, with a long horizontal stroke extending from the end of the name.

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.
 - Unless otherwise indicated, operations are described using the remote control.
- Illustrations and figures in this manual are of the black main body.
- These operating instructions are applicable to the following system.
 - Primary speaker: SC-CX700P
 - Secondary speaker: SC-CX700S

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/

Features

High-quality music experience in a variety of layouts

Cased in artificial leather with a soft suede-like texture, the right and left speakers support wireless connection.

The speakers can be installed according to the room arrangement. The system is equipped with the Space Tune function that reduces impact on the sound quality caused by the room setting or installation environment.

More detailed adjustment is available with the dedicated "Technics Audio Center" app.

Advanced high-quality sound technology of Technics

The system adopts coaxial speaker units and centre-of-gravity mounting structure based on the concepts of point sound source and linear phase. JENO Engine is a uniquely developed full-digital amplifier technology. These are ideally integrated in the form of internally-separated structures. Furthermore, using the newly developed Model Based Diaphragm Control (MBDC) technology reduces harmonic distortion of the speakers.

These essential technologies enable reproduction of every detail of information embedded in the sound sources, achieving spacious sound stages appearing in front of your eyes.

Enjoy a variety of music sources with easy operation

The system supports multiple online music streaming services as well as digital and analog inputs such as HDMI ARC and PHONO. It is also equipped with many network functions such as Wi-Fi and Bluetooth®. Enjoy a wide variety of music content comfortably using the dedicated app and remote control.

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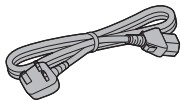
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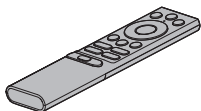
AC mains lead (2)
K2CT3YY00096



Speaker nets (2)
TTJ0068



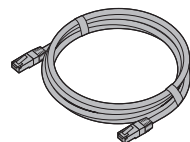
Remote control (1)
N2QAYA000257



Batteries for remote control (2)



Speaker Link cable (Approx. 3 m) (1)
K1HY08YY0059



- Product numbers provided in these operating instructions are correct as of July 2024.
- These may be subject to change.
- Do not use AC mains lead with other equipment.

Read first

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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.
- Put the speakers on a flat safe surface.
- Do not hang the speakers from the ceiling or on the wall. Doing so may cause the speaker to fall off, causing personal injury.
- Do not place any objects in the bass reflex ports on the front of the speakers. Doing so may cause fire or personal injury. Pay close attention to children.

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.
- Do not stand or sit on the speakers.
- Do not place heavy items on the speakers.
- Do not hold the speaker in one hand to avoid injury by dropping the speaker when carrying.
- The speakers and speaker nets use powerful magnets. Do not put them near TVs, PCs or other equipment easily influenced by magnetism.
- You can damage your speakers and shorten their useful life if you play sound at high levels over extended periods.
- Do not touch the diaphragms. Doing so may deform the diaphragms, and as a result, sound may not be output correctly.
- Be cautious when children are near.
- Do not insert a finger into the bass reflex ports on the front of the speakers. Pay close attention to children as doing so may cause personal injury.
- This unit uses suede-like artificial leather on the front and both sides. Please be careful when placing or moving this unit, as friction (especially when wet) may cause colour transfer to other clothing or items.

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 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.

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 expose to low air pressure at high altitudes.
 - Do not expose to extremely low air pressure, as this may result in explosions or leakage of flammable liquids and gases.
 - 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 condition
 - 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.

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 10-ampere fuse is fitted in this plug.

Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 10-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.

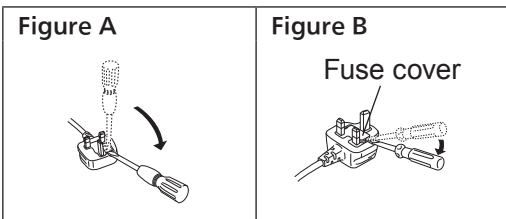
Before use

Remove the connector cover.

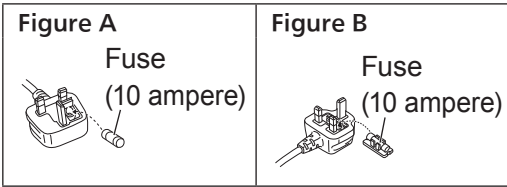
How to replace the fuse

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.



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



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 authority.

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.

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EU 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: <https://www.ptc.panasonic.eu/compliance-documents>

Contact to Authorised Representative:

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

Frequency band: 5150 - 5250 MHz:

Indoor use: Inside buildings only. Installations and use inside road vehicles and train carriages are not permitted. Limited outdoor use: If used outdoors, equipment shall not be attached to a fixed installation or to the external body of road vehicles, a fixed infrastructure or a fixed outdoor antenna. Use by unmanned aircraft systems (UAS) is limited to within the 5170 - 5250 MHz band.

Frequency band: 5250 - 5350 MHz:

Indoor use: Inside buildings only. Installations and use in road vehicles, trains and aircraft are not permitted. Outdoor use is not permitted.

Frequency band: 5470 - 5725 MHz:

Installations and use in road vehicles, trains and aircraft and use for unmanned aircraft systems (UAS) are not permitted.

The above restrictions apply to 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

Frequency band: 5150 - 5250 MHz:

Indoor use: Inside buildings only. Installations and use inside road vehicles and train carriages are not permitted. Limited outdoor use: If used outdoors, equipment shall not be attached to a fixed installation or to the external body of road vehicles, a fixed infrastructure or a fixed outdoor antenna. Use by unmanned aircraft systems (UAS) is limited to within the 5170 - 5250 MHz band.

Frequency band: 5250 - 5350 MHz:

Indoor use: Inside buildings only. Installations and use in road vehicles, trains and aircraft are not permitted. Outdoor use is not permitted.

Frequency band: 5470 - 5725 MHz:

Installations and use in road vehicles, trains and aircraft and use for unmanned aircraft systems (UAS) are not permitted.

The above restrictions apply to 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	6 dBm

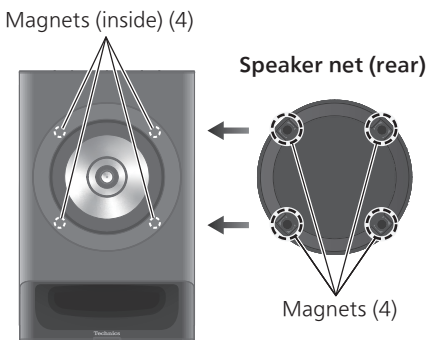
Installation

Installation

- Turn this unit off and disconnect all the equipment before moving this unit. Be sure to raise this unit when moving, and do not drag this unit.
- Confirm the installation location can sustain the weight of this unit. (⇒ 95)
- For the dimensions of this unit (⇒ 95)

Attaching and removing the speaker nets

The speaker nets protect the speaker units from dust. Use the magnets to fix the speaker nets to the speakers.



- Attach the speaker nets so that they fully cover the speaker units.
- Attach the speaker nets at the positions to meet the magnets and there is no specific direction of up and down, left and right.
- The superior sound quality can be delivered when playing back without the speaker nets.
- When carrying this unit, do not hold the speaker net.

Unit care

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

Top / Rear of this unit

- Lightly brush with a clothing brush.
- If the dirt is severe, dampen a soft, clean cloth with lukewarm water, wring it out tightly, and gently wipe the surface to remove stains.

Note

- Do not touch the front diaphragm of the speaker when cleaning.
- 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.
- Stains from oil-based markers or special chemicals cannot be removed.

Front/Left and Right Sides (Suede-Like Artificial Leather)

- Dampen a soft, clean cloth with lukewarm water (approximately 40 °C), wring it out tightly, and gently pat the surface to remove stains. After cleaning, smooth the surface using a soft, dry brush.

Note

- Avoid vigorous rubbing as it may cause discoloration or damage to the surface.
- If stains persist after patting, lightly brush the surface to remove them.

Notes on use

To protect the speakers from damage caused by excessive input, observe the following precautions:

- Reduce the volume in the following cases to avoid damage:
 - When playing distorted sound.
 - When the speakers are receiving howling from a microphone or record player, noise from FM broadcasts, or continuous signals from an oscillator, test disc, or electronic instrument.
 - When adjusting the sound quality.
- You can damage your speakers and shorten their useful life if you play sound at high levels over extended periods.

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.



- You can set up the sound adjustment and other settings from the “Technics Audio Center” app.
- For details, visit:
www.technics.com/support/



For United Kingdom



For Australia



For New Zealand



- This application is subject to change or be discontinued with notice.
- It is recommended to keep your smartphone or tablet updated with the latest software.

Firmware updates

From time to time, Panasonic may release updated firmware for this unit, enhancing or adding new features. These updates are available at no additional cost.

- Refer to “Firmware updates” (⇒ 76) for details on update.

Initialisation (To restore all the settings to the factory defaults)

- ① Disconnect the AC mains lead from the primary speaker.
 - Wait 30 seconds before you continue with step 2.
- ② While pressing and holding [⏻/⏻] on the top of the primary speaker, connect the AC mains lead again.
 - Keep holding down [⏻/⏻] until the two LED indicators (NET/📶) on top left end light up and a beep sounds.
- ③ Release [⏻/⏻] on the top of the primary speaker.
 - The progress of the initialisation is indicated by the blinking of the LED indicator. When initialisation is complete, a beep sounds, all the LED indicators on the top of this unit light up for 2 seconds, and the unit turns off.
 - All the settings are set back to the factory default except pair registration information between primary and secondary speakers.

To dispose of or transfer this unit

- Before disposing of or transferring this unit, be sure to erase all setting information by restoring the settings to factory default (⇒ 17).
- 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.

Network services

The services provided by their respective service providers may be changed or discontinued without notice. Panasonic bears no responsibility for change or discontinuance of their services.

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.

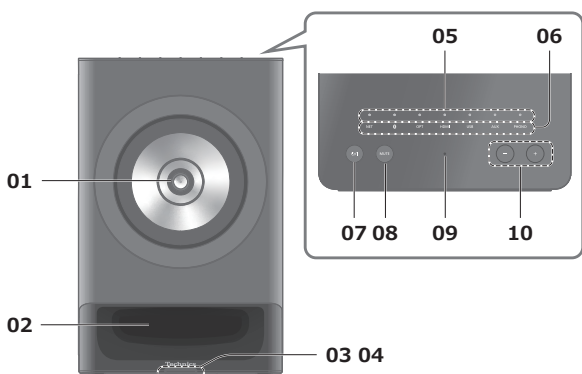
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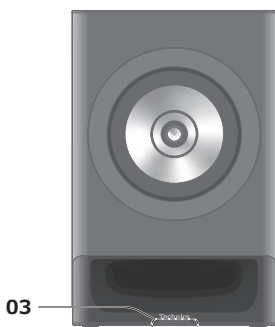
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This unit (front)

Primary



Secondary



01 Speaker unit (Coaxial 2-way unit)

02 Bass reflex port

03 Power indicator

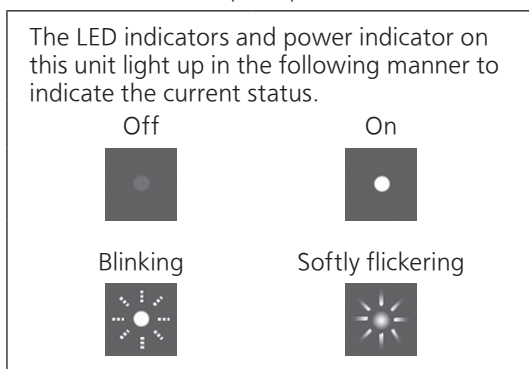
- Blue: The unit is on.
- Off: The unit is in standby mode.
- The power indicator of the primary speaker blinks when the unit is operated using the remote control or during certain operations in the "Technics Audio Center" app.
- Refer to "05 LED indicators" (⇒ 21) for the lighting / blinking status.

04 Remote control signal sensor

- Reception distance:
Within approx. 7 m directly in front
- Reception angle:
Approx. 30° left and right

05 LED indicators

- The selected input source lights up, and the LED indicator (NET) also shows the network connection status. (⇒ 33)



- If an abnormality occurs, all the LED indicators on the top of this unit blink 3 times quickly and then repeat. Press [⏻/⏻] on this unit to turn it on/off. If the problem persists, disconnect the AC mains lead, wait for at least 3 minutes, and then reconnect it.
- For information on the LED lighting/blinking messages (⇒ 88)

06 Touch switch

- Each time you touch the switch, a beep is heard and the input source changes.
- You can turn the beep sound on/off from the “Technics Audio Center” app.

07 Standby/on button (⏻/⏻)

- 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.

08 Mute button (MUTE)

- Press again to cancel. Muting is also cancelled when you adjust the volume or when you turn the unit to standby.
- While muted, the LED indicator on the top and the power indicator on the front of this unit blink. And the LED indicator shows the current volume level.

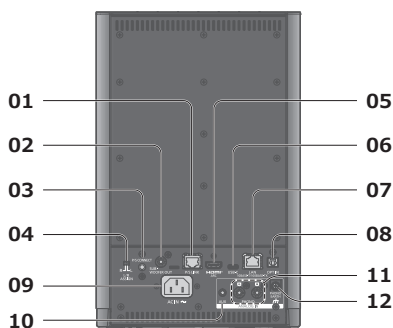
09 Built-in microphone (for measurement)

10 Volume control buttons (-/+)

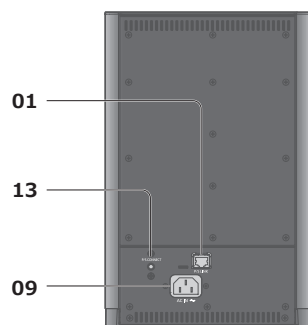
- 0 (min) to 100 (max)
- When turning on this unit or adjusting the volume, the 7 LED indicators on the top of this unit light up to show the approximate current volume.
 - The LED indicators increase from left to right as the volume increases.
 - The number of lit LED indicators may not change even when adjusting the volume.
 - The volume value can be confirmed using the "Technics Audio Center" app.
 - When the volume reaches the minimum or maximum level, a double beep sound is heard. If further adjustments are made beyond that point, the LED indicator (NET or PHONO) blinks 3 times.

This unit (rear)

Primary



Secondary



01 P/S LINK terminals (P/S LINK)

- Use the Speaker Link cable (supplied) to connect the primary and secondary speakers for a wired connection. (⇒ 30)

02 Analogue audio output terminal (SUBWOOFER OUT)

(⇒ 78)

You can connect the subwoofer with analogue audio cable (not supplied) to output the analogue audio signals.

- You can set up the output from SUBWOOFER OUT from the “Technics Audio Center” app. (The factory default is “On”.)

03 P/S CONNECT button (primary speaker)

- Use for the manual connection between the primary and secondary speakers if the wireless connection is not established automatically.
- Use this button to pair and register the speakers again after repair or replacement, although the primary and secondary speakers are wirelessly paired by factory default. (⇒ 90)

04 L/R ASSIGN switch

- When switching the assignment (Left/Right) of primary speaker, the secondary speaker is automatically assigned to the opposite channel. (⇒ 29)

05 HDMI terminal (HDMI ARC)

(⇒ 46)

You can connect the HDMI equipment with ARC function (TV, etc.) with HDMI cable (not supplied) to this unit and play back music.

- Please use Premium High Speed HDMI cable.

06 USB-C terminal (USB-C)

(⇒ 49)

- For connecting to a PC, etc.

07 LAN terminal

(⇒ 35)

08 Optical digital input terminal (OPT IN)

(⇒ 44)

You can connect a digital audio output device, etc. with optical digital audio cable (not supplied) and play back music.

09 AC IN terminal (∼)

(⇒ 31)

10 Analogue audio input terminal (AUX)

(⇒ 51)

You can connect an analogue audio output device with analogue audio cable (not supplied) to this unit and play back music.

11 Analogue audio input terminals (PHONO)

(⇒ 51)

You can connect the turntable with PHONO cable (not supplied) to this unit and play back music.

- Please use the cable less than 3 m.

12 PHONO EARTH terminal

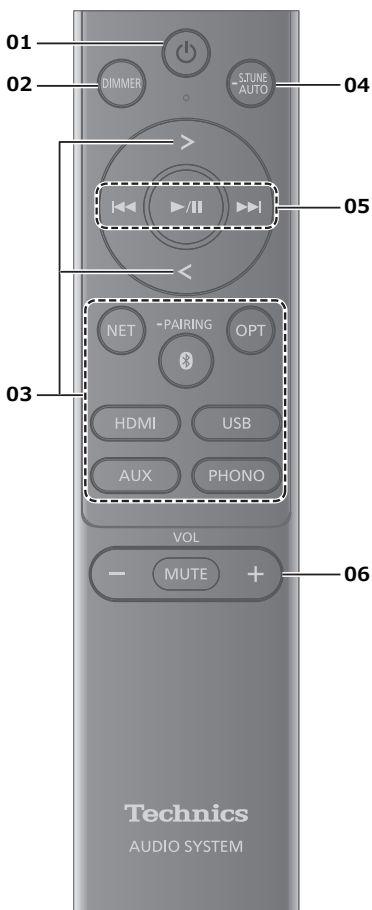
(⇒ 51)

- For connecting the ground wire of a turntable.

13 P/S CONNECT button (secondary speaker)

- Use this button to pair and register the speakers again after repair or replacement, although the primary and secondary speakers are wirelessly paired by factory default. (⇒ 90)

Remote control



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 [DIMMER]: Adjust the brightness of the LED indicators and power indicator

- All the LED indicators and the power indicator turn off when pressing and holding [DIMMER] for 4 seconds. Press again to cancel.
- While all indicators are turned off, the LED indicators and power indicator temporarily light up or blink during operation.

03 [>]/[<]/[NET]/[]/[OPT]/[HDMI]/[USB]/[AUX]/[PHONO]: Switch the input source

04 Start the adjustment with the Space Tune function

(⇒ 71)

05 Playback operation buttons

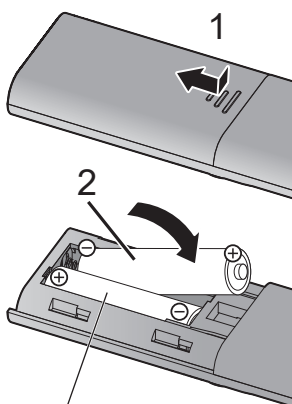
06 [-VOL+]: Adjust the volume

- 0 (min) to 100 (max)
- When turning on this unit or adjusting the volume, the 7 LED indicators on the top of this unit light up to show the approximate current volume.
 - The LED indicators increase from left to right as the volume increases.
 - The number of lit LED indicators may not change even when adjusting the volume.
 - The volume value can be confirmed using the "Technics Audio Center" app.

[MUTE]: Mute the sound

- Press again to cancel. Muting is also cancelled when you adjust the volume or when you turn the unit to standby.
- While muted, the LED indicator on the top and the power indicator on the front of this unit blink. The LED indicator on the top shows the current volume level.

Using the remote control



R03/LR03, AAA
(Alkaline or manganese batteries)

Note

- Insert the battery so the terminals (\oplus and \ominus) match those in the remote control.
- Point it at the remote control signal sensor on this unit. (\Rightarrow 20)
- Keep the batteries out of reach of children to prevent swallowing.

Remote control mode

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

- The factory default is "Mode 1".

- 1 Press [AUX] to switch the input source to "AUX".**
- 2 Set the volume to minimum.**
- 3 Change the remote control mode of this unit.**

To set "Mode 1":

While pressing and holding the [-] of [-VOL+] on this unit, press and hold [NET] on the remote control for at least 4 seconds.

To set "Mode 2":

While pressing and holding the [-] of [-VOL+] on this unit, press and hold [OPT] on the remote control for at least 4 seconds.

- After the LED indicators ("Mode 1": NET/📶/OPT, "Mode 2": USB/AUX/PHONO) on the top of this unit light up for 2 seconds, a beep sounds once.

- 4 Change the remote control mode of the remote control.**

To set "Mode 1":

While pressing and holding [MUTE] and [NET] of the remote control for at least 4 seconds.

To set "Mode 2":

While pressing and holding [MUTE] and [OPT] of the remote control for at least 4 seconds.

Connections

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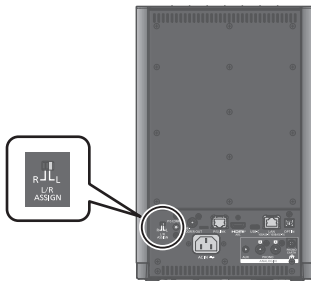
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Speaker connection

Speaker settings

Speaker Assignments (L/R) (Left/Right)

You can assign each of the two speakers to either the left or right according to your installation environment.



- When switching the assignment (L/R) of primary speaker, the secondary speaker is automatically assigned to the opposite channel.
- After changing the speaker assignment (L/R), turn this unit off and then on again.

Speaker connection

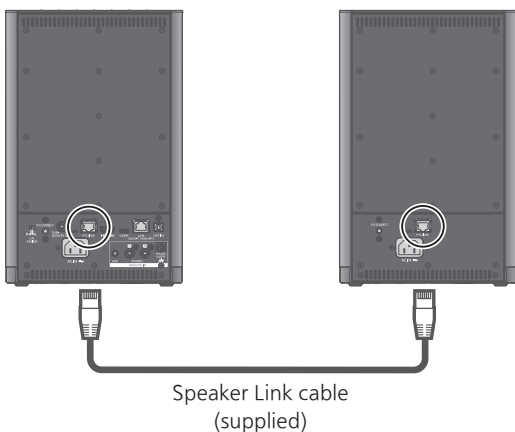
When you connect the AC mains leads to the primary and secondary speakers and turn the primary speaker on, the speakers automatically connect wirelessly. Once the connection is established, the power indicators on the front of both speakers light up.

Note

- If the connection fails, the power indicator on the front of this unit blinks every 3 times, repeating every 3 seconds. Turn this unit off and on to reconnect the speakers.

And you can also connect by pressing and holding P/S CONNECT button on back of the primary speaker for 2 seconds. (All the LED indicators on the top of this unit blink.)

- If the speakers still cannot connect, disconnect the AC mains leads from both speakers, wait for 30 seconds, then reconnect the AC mains leads and turn them on.
- For higher sound quality* or if the connection is unstable causing noise or interrupting sound on the secondary speaker, use a wired connection with the supplied speaker link cable.

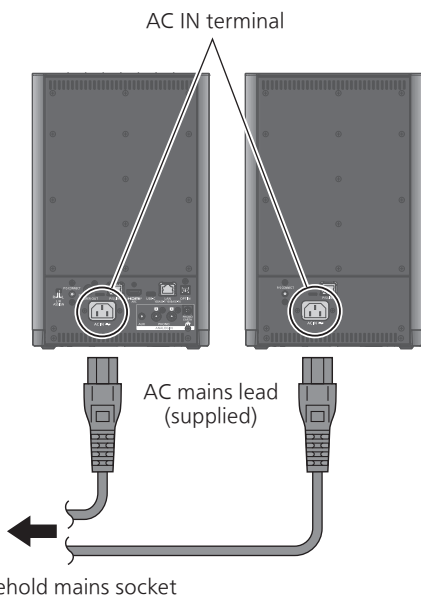


- *: The maximum sampling rate is 192 kHz / 24 bit for a wired connection and 96 kHz / 24 bit for a wireless connection.

AC mains lead

AC mains lead connection

Connect only after all other connections are completed.



- Use only the supplied AC mains lead.
- 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 for the first time, and the LED indicator (NET) on the top of this unit blinks.
 - If you stop the Wi-Fi setting, switch the input source by pressing the touch switch on the top of this unit.
 - If Wi-Fi setting is enabled, the LED indicator (NET) on the top of this unit blinks each time this unit is turned on while network connection is not complete. If you do not use the network function, pressing and holding [NET] on the remote disables Wi-Fi setting and the LED indicators on the top of the unit (NET/Bluetooth/OPT) light up for 2 seconds and a “beep” sound is heard. If [NET] on the remote control is pressed and held again, the LED indicators (USB/AUX/PHONO) on the top of this unit light up for 2 seconds and a beep sound is heard, enabling the Wi-Fi setting.
- Wi-Fi setting does not start while the LAN cable is connected. (The LED indicator (NET) does not blink when a LAN cable is connected.)
- When turning on this unit, the LED indicators shows the current volume level. (If the network connection is not established, the LED indicator

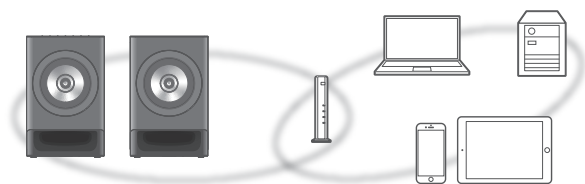
(NET) on the top of this unit blinks.)

Note

- When this unit is turned on, the power indicator of the primary speaker lights up first, and when this unit is turned off, the power indicator of the secondary speaker turns off first.
- This unit consumes a small amount of AC power (\Rightarrow 95) 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.

Network settings

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.

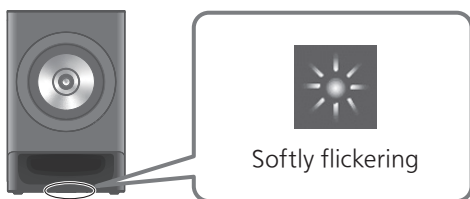


This unit can be connected to a router using a LAN cable or built-in Wi-Fi®.

For a stable connection to the network, a wired LAN connection is recommended.

Note

- After completing the network connection, the LED indicator (NET) on the top of this unit lights up when switching the input source to "NET". (If the connection is not established, it blinks.)
- When the latest firmware for this unit is available, the power indicator softly flickers at 10-second interval for 1 minute after turning on.
 - Refer to "Firmware updates" (⇒ 76) for details on update.
 - For the update information, refer to the following website.
www.technics.com/support/firmware/



■ Preparation

If you install the “Technics Audio Center” 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 “Technics Audio Center” app and a Google Assistant-enabled device.
- 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 and Bluetooth® function are activated on your smartphones/tablet.

1 Install the “Technics Audio Center” app on your smartphone/tablet. (⇒ 16)

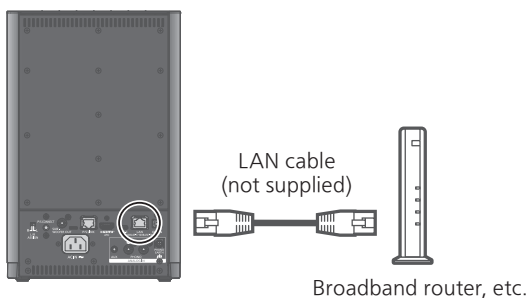


- If the “Technics Audio Center” app is already installed, update it to the latest version.

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



- 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.**
(⇒ 31)
- 4 Press [⏻] to turn this unit on.**
 - If the network connection is not established, the LED indicator (NET) on the top of this unit blinks when the input source is switched to "NET". Reset the settings from the step 1.
- 5 Open the "Technics Audio Center" app and follow the on-screen instructions to set up a connection.**

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. (The LED indicator (NET) does not blink.)

Wireless LAN connection

■ Preparation

- ① Disconnect the AC mains lead.
- ② Disconnect the LAN cable.
- ③ Connect the AC mains lead to this unit. (⇒ 31)

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, switch the input source by pressing touch switch on the top of this unit.
- When the network connection is established, all the LED indicators on the top and power indicator on the front of the primary speaker light up for 2 seconds.
 - If Wi-Fi setting is enabled, the LED indicator (NET) on the top of this unit blinks each time this unit is turned on while network connection is not complete. If you do not use the network function, pressing and holding [NET] on the remote disables Wi-Fi setting and the LED indicators (NET/📶/OPT) on the top of the unit light up for 2 seconds and a “beep” sound is heard. If [NET] on the remote control is pressed and held again, the LED indicators (USB/AUX/PHONO) on the top of this unit light up for 2 seconds and a beep sound is heard, enabling the Wi-Fi setting.

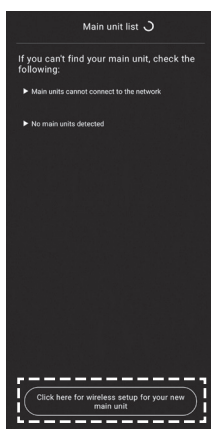
Wireless setup for the first time using the app

1 Press [⏻] to turn this unit on.

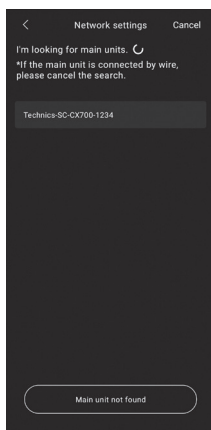
- The LED indicator (NET) on the top and power indicator on the front of this unit blink every second simultaneously.

2 Open the “Technics Audio Center” app.

3 Select “Click here for wireless setup for your new main unit”.



4 Select this unit and follow the on-screen instructions to set the network.



Note

- This unit will be displayed as “Technics-SC-CX700-****” 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 “Technics Audio Center” app.

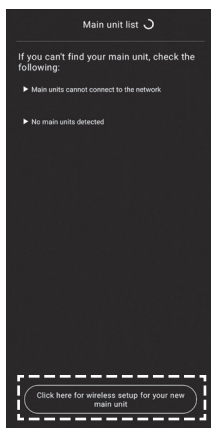
When resetting the wireless setup

1 Press and hold [NET] on this unit for 5 seconds.

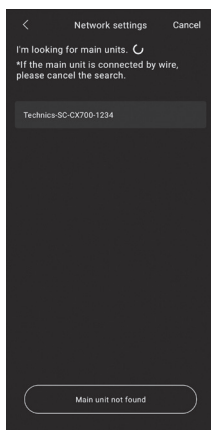
- After a beep sounds once, the LED indicator (NET) on the top and power indicator on the front of this unit blink simultaneously every second.

2 Open the “Technics Audio Center” app.

3 Select “Click here for wireless setup for your new main unit”.



4 Select this unit and follow the on-screen instructions to set the network.



Note

- This unit will be displayed as “Technics-SC-CX700-****” 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 “Technics Audio Center” app.

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 “Technics Audio Center” app. Download and install the app from the website below. (⇒ 16)

www.technics.com/support/

■ Preparation

- Complete the network settings. (⇒ 33)
(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 (⇒ 68) or “Technics Audio Center” app on your device (smartphone, tablet, etc.), and select this unit as the output speaker.

2 Play back the music.

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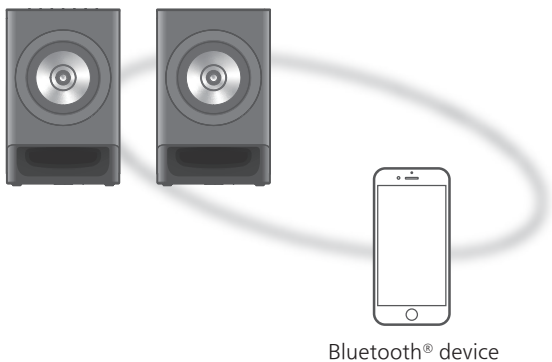
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Using Bluetooth®

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.



Pairing a Bluetooth® device

■ Registering the Bluetooth® device

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

1 Press [Ⓜ].

- The LED indicator (Ⓜ) on the top and power indicator on the front of this unit blink the first time to register the device. If any device has been registered before, this unit automatically tries to connect to it.
- By pressing and holding [Ⓜ] on the top of this unit starts waiting for registering. (The LED indicator (Ⓜ) on the top of this unit blinks every 2 seconds.)

2 Select "Technics-SC-CX700-****" from the Bluetooth® device's menu.


- The LED indicator (Ⓜ) on the top and power indicator on the front of this unit blink every second while connecting.
- The MAC address "****" ("****" stands for a character that is unique to each set.) may be displayed before "Technics-SC-CX700-****" is displayed.
- If the device name is set in your application, the set name is displayed.

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

■ Listening to music stored on a Bluetooth® device

1 Press [].

- The LED indicator () on the top lights up when connection is established. (The LED indicator blinks while connecting.)

2 Select "Technics-SC-CX700-****" from the Bluetooth® device's menu.

- If the device name is set in your application, the set name is displayed.

3 Play music by operating the Bluetooth® device.

Note

- When enjoying video contents with this function, the video and audio output may not be synchronised.
- This unit can only be connected to one device at a time.

Operations during playback

Pause

[]

- Press again to resume.

Skip

[] []

Note

- To use this unit 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.

Bluetooth® transmission mode

Bluetooth® transmission mode (Mode1/Mode2) can be set from the “Technics Audio Center” app.

After disconnecting a Bluetooth® device, open the “Technics Audio Center” app, select “Bluetooth Link Mode”, and follow the on-screen instructions.

Mode1:

Emphasis on connectivity

Mode2:

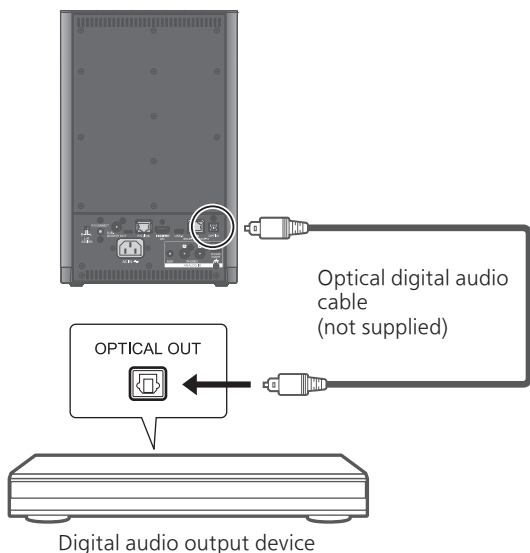
Emphasis on sound quality (default)

Note

- Select “Mode1” if the sound is interrupted.

Using digital audio output device (OPT)

You can connect a digital audio output device with optical digital audio cable (not supplied) to this unit and play back music.



Connecting a optical digital audio output device

- 1 **Disconnect the AC mains lead.**
- 2 **Connect this unit and a optical digital audio output device.**
- 3 **Connect the AC mains lead to this unit.**
(⇒ 31)
- 4 **Press [⏻] to turn this unit on.**
- 5 **Press [OPT].**
- 6 **Start playback on the connected device.**
 - The LED indicator (OPT) on the top of this unit lights up.
 - If no device is connected, playing is not in progress, or the file format is not supported, the LED indicator (OPT) on the top of this unit may blink.

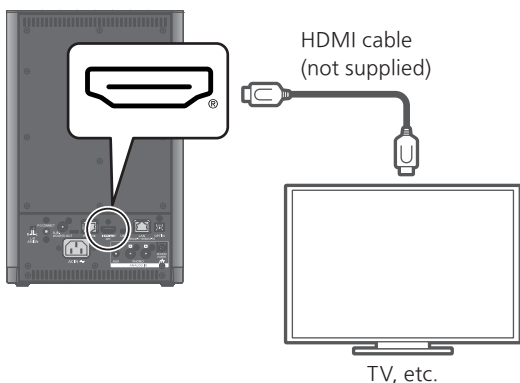
Note

- When enjoying video contents with this function, the video and audio output may not be synchronised.
- The optical digital audio input terminals 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

Using HDMI equipment (HDMI)

When HDMI equipment supporting ARC (Audio Return Channel) function such as TV, etc. is connected with this unit using HDMI cable (not supplied), you can output the TV sound with this unit and also use HDMI CEC (Consumer Electronics Control) function.

Connecting HDMI equipment with ARC function (TV, etc.)



■ Preparation

- Set the audio output setting of the connected equipment and select PCM as output audio signal.

1 Disconnect the AC mains lead.

2 Connect this unit and an equipment.

- Use Premium High Speed HDMI cable when connecting to peripheral device.

3 Connect the AC mains lead to this unit.

(⇒ 31)

4 Press [] to turn this unit on.

5 Press [HDMI].

6 Start playback on the connected equipment.

- The LED indicator (HDMI) on the top of this unit lights up.
- If no device is connected, playing is not in progress, or the file format is not supported, the LED indicator (HDMI) on the top of this unit may blink.

- Use Premium High Speed HDMI cables when connecting to peripheral devices.
- Connect this unit to the HDMI input terminal which has ARC function.
- Set the audio output setting of the TV to this unit. For details, refer to the operating instructions of the TV.

Note

- Linear PCM signal is only available for ARC function.
- Do not input the signals other than linear PCM signal, otherwise it may cause noise or damage the connected speakers.
- When using an input source other than HDMI while HDMI equipment is connected, you can disable the linking features with the connected HDMI equipment (such as HDMI Power On Link, HDMI Selector Link, etc.). (The factory default is "On".)
- The volume may be lower depending on the connected TV.
- Audio delay may occur depending on the TV you are using. Many TVs have a setting to adjust the timing of audio and video output. Please consult your TV's manual for more information on how to make these adjustments if you are experiencing audio delay.

HDMI Control

Enables HDMI CEC (Consumer Electronics Control) of this unit.

- HDMI CEC is a function of the HDMI standard that exchanges the control signal to operate the connected devices in sync.

1 Open the "Technics Audio Center" app.

2 Follow the on-screen instructions to set up.

- The factory default is "On".
- Set to "On" to enable the settings of "HDMI Selector Link", "HDMI Power On Link", "HDMI Power Off Link" and "HDMI ARC".

HDMI Selector Link

Automatically switches the input source to "HDMI" when CEC command is received from the connected TV using HDMI cable.

- The factory default is "On".

HDMI Power On Link

When the connected TV is operated (e.g. turning on, etc.), this unit is automatically turned on.

- The factory default is "On".

HDMI Power Off Link

This unit is turned to standby mode when the connected TV is turned off.

On:

Automatically turns to standby mode when the connected TV is turned off.

On(HDMI ARC/HDMI(OPT)):

This unit automatically turns to standby mode when the connected TV is turned off while "HDMI ARC" is selected as the input source of this unit.

- The factory default is "On".

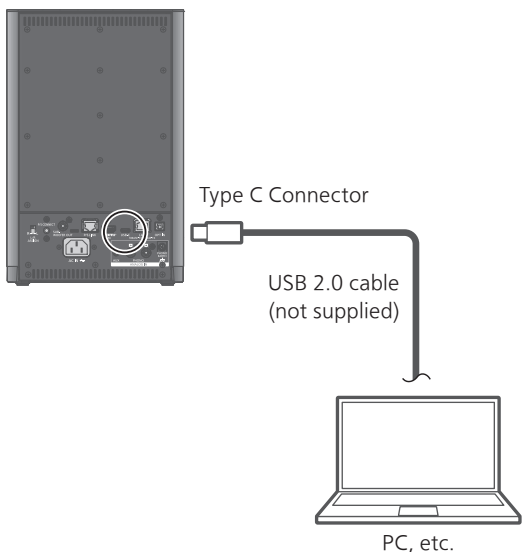
HDMI ARC

Set to "On" to output the audio signal from the HDMI equipment connected to the HDMI input (HDMI ARC). When "HDMI ARC" is set to "Off", the audio signal from the device connected to the optical digital input terminal (OPT) is output.

- The factory default is "On".

Using PC, etc. (USB)

You can connect the PC, etc. or another device with USB 2.0 cable (not supplied) to this unit and play back music.



■ Preparation

Connecting to a PC

Before connecting to a PC, follow the steps below. Refer to the website below for the recommend OS versions for your PC.

www.technics.com/support/

- ① Download and install the dedicated USB driver to the PC. (Only for Windows OS)
 - Download and install the driver from the website below.
www.technics.com/support/
- ② Download and install the dedicated app "Panasonic Audio Player 2" (free of charge) on your PC.
 - Download and install the app from the website below.
www.technics.com/support/

Using USB 2.0 cable

- 1 **Disconnect the AC mains lead.**
- 2 **Connect this unit and a PC, etc.**
- 3 **Connect the AC mains lead to this unit.**
(⇒ 31)
- 4 **Press [⏻] to turn this unit on.**
- 5 **Press [USB].**
- 6 **Start playback using the application on the connected PC, etc.**
 - The LED indicator (USB) on the top of this unit lights up.
 - If no device is connected, playing is not in progress, or the file format is not supported, the LED indicator (USB) on the top of this unit may blink.

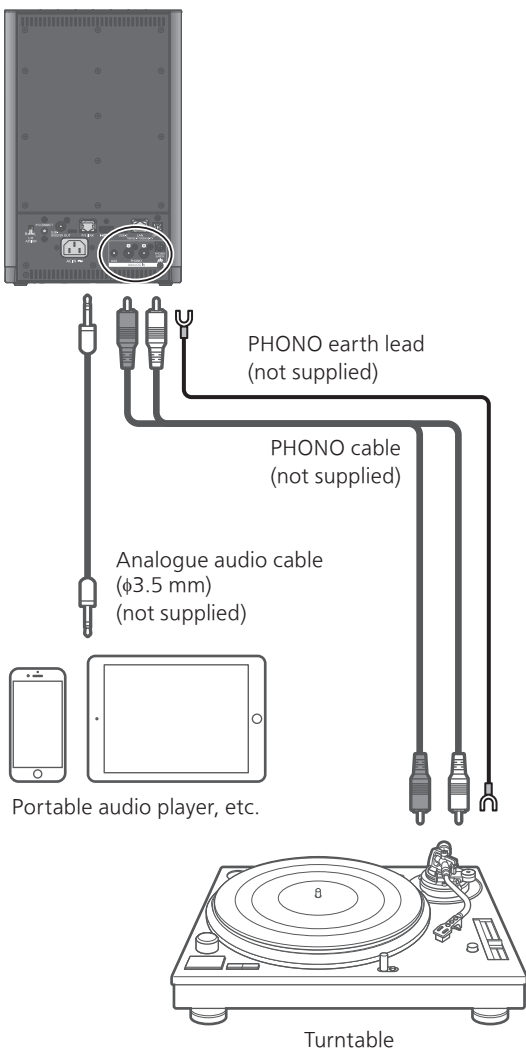
Note

- The USB-C terminal of this unit is for data transfer only and does not support charging USB devices.

Operations

Using analogue audio output device (PHONO/AUX)

You can connect the turntable with PHONO cable (not supplied) or analogue audio output device with analogue audio cable (not supplied) to this unit and play back music.



Note

- Tighten the PHONO EARTH terminal using a Phillips head screwdriver.
- If noise occurs during the playback of an analogue audio device, move the devices that emit radio waves, such as Wi-Fi routers or smartphones, away from this unit to reduce the noise.

Using PHONO cable/ analogue audio cable

- 1 Disconnect the AC mains lead.**
- 2 Connect this unit and a device.**
- 3 Connect the AC mains lead to this unit.**
(⇒ 31)
 - Turn the volume down before switching the input source.
- 4 Press [⏻] to turn this unit on.**
- 5 Press [AUX]/[PHONO].**
 - The LED indicator (AUX/PHONO) on the top of this unit lights up.
- 6 Start playback on the connected device.**

Note

- When connecting a turntable with a built-in PHONO equalizer, turn the equalizer of turntable off and connect the PHONO cable to the analogue audio input terminals (PHONO) of this unit.
- When connecting a turntable with a PHONO earth lead, connect the PHONO earth lead to the PHONO EARTH terminal of this unit.

Adjusting the input level of the AUX input “AUX Input Level”

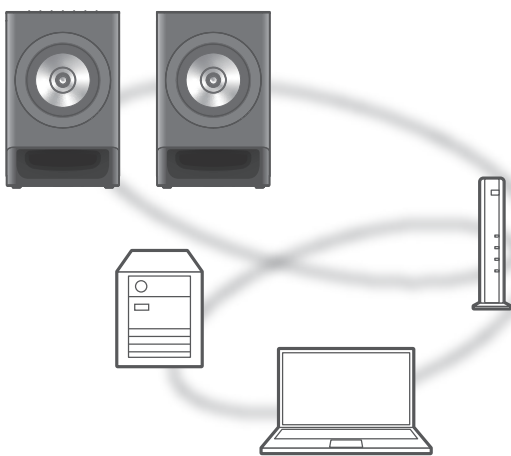
If the volume of the equipment connected to the analogue audio input terminal is high, setting to “Low” may improve the sound.

Press and hold [AUX] of the remote control for 4 seconds to switch the level to “High” or “Low”.

- The LED indicators light up to show the setting status as follows:
High: USB/AUX/PHONO
Low: NET/📶/OPT
- The factory default is “High”.

Playing back music files on the media server

You can share music files stored in the media server (PC, Network Attached Storage, etc.) connected to your home network, and enjoy the contents with this unit.



■ Preparation

- Complete the network settings. (⇒ 33)
- Connect the device to be used to the network of this unit.
- To use Windows Media® Player
 - Add the contents and folder to the libraries of the Windows Media® Player 11 or 12, or a smartphone, etc.
 - Playlist of Windows Media® Player can playback only the contents that are stored in the libraries.
 - To use Windows Media® Player for streaming, you need to configure it in advance.

Playing back content stored on the media server by controlling it from a DMC

By controlling a DMC (Digital Media Controller) compatible device, you can play back music stored on the media server on this unit (DMR—Digital Media Renderer).

Operate the DMC compatible device and connect to this unit.

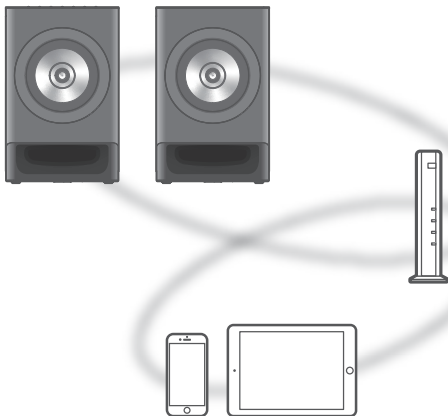
- The device name of this unit will be displayed as "Technics-SC-CX700-****"*^{1, 2}.
- For details on how to use DMC compatible devices, refer to the operating instructions of the devices or the software.

Note

- When you operate the media server, playback of other audio sources will stop and media server output will have priority.
 - Depending on the contents and the connected equipment, operations or playback may not be possible.
 - This unit does not guarantee connection with all DMC applications. Use the dedicated app "Technics Audio Center".
- *1: "****" stands for a digit that is unique to each set.
- *2: The device name can be changed from the "Technics Audio Center" app.

Playing Internet Radio and Podcasts

This unit supports an audio broadcasting service transmitted via the Internet, and Internet Radio and Podcasts can be played back.



■ Preparation

- Complete the network settings. (⇒ 33)
 - Make sure that the network is connected to the Internet.

1 Press [NET].

- The LED indicator (NET) on the top of this unit lights up.

2 Open the “Technics Audio Center” app and follow the on-screen instructions.

Note

- Internet Radio and Podcasts may be suspended or be otherwise unavailable without notice.
- Internet Radio may not be played back properly depending on the network condition.
- If the LED indicator (NET) on the top of this unit blinks, confirm the network connection and settings. (⇒ 33)

Operations during playback

Pause (Podcasts)	[▶/] • Press again to resume.
Skip	[⏮] [⏭]
Search (Podcasts)	Press and hold [⏮] or [⏭].

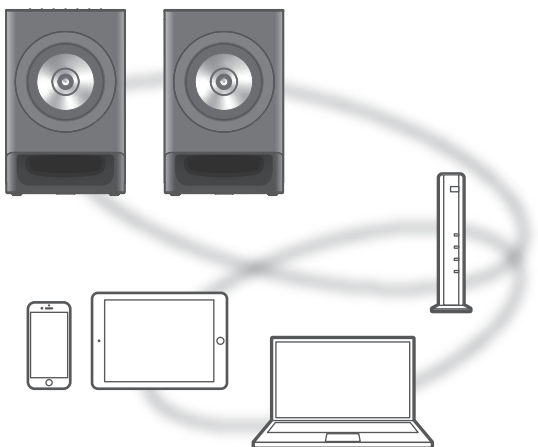
Operations

Playing audio using Spotify Connect



Use your phone, tablet or computer as a remote control for Spotify. Go to spotify.com/connect to learn how

Using Roon Ready



roon READY

This unit can play music as a Roon Ready device. Registration to Roon is required to use Roon. For details of Roon, visit the following website.

<https://roon.app>

■ Preparation

- Complete the network settings. (⇒ 33)
 - Make sure that the network is connected to the Internet.
- Connect the device to be used to the network of this unit.
 - ① Select this unit as the playback device in Roon.
 - ② Start playback in Roon.

Operations during playback

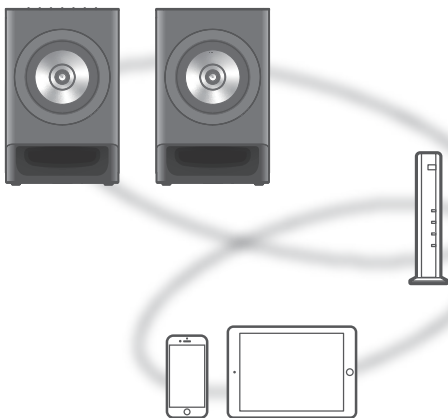
Pause	[▶/] • Press again to resume.
Skip	[⏮] [⏭]
Search	Press and hold [⏮] or [⏭].

Playing TIDAL

You can play music from the music streaming service, TIDAL on this unit with the dedicated application “Technics Audio Center” (free of charge) on your smartphone, tablet, etc.

For details of TIDAL, visit the following website.

www.tidal.com



■ Preparation

- Connect this unit and your device on which “Technics Audio Center” has been installed to the network connected to the internet. For details, refer to their operating instructions.
- When TIDAL is used for the first time, log into TIDAL. Perform the following steps for login.
 - ① Start “Technics Audio Center” on your device (smartphone, tablet, etc.).
 - ② Select “TIDAL” from “Technics Audio Center”.
 - ③ Log into TIDAL. (If you do not have an account, you need to register the account.)

1 Press [NET].

- The LED indicator (NET) on the top of this unit lights up.

2 Open the “Technics Audio Center” app and follow the on-screen instructions.

Note

- Depending on the country or region, playback may not be available.
- If the LED indicator (NET) on the top of this unit blinks, confirm the network connection and settings. (⇒ 33)

Operations during playback

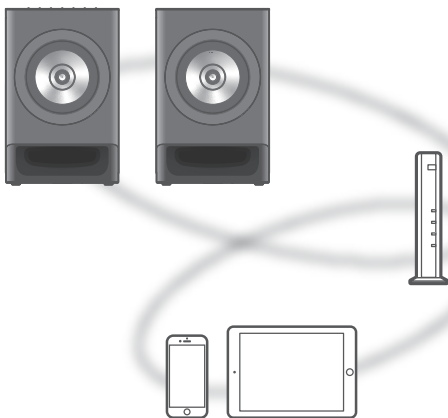
Pause	[▶/⏸] • Press again to resume.
Skip	[⏮] [⏭]
Search	Press and hold [⏮] or [⏭].

Playing Deezer

You can play music from the music streaming service, Deezer on this unit with the dedicated application "Technics Audio Center" (free of charge) on your smartphone, tablet, etc.

For details of Deezer, visit the following website.

www.deezer.com



DEEZER

■ Preparation

- Connect this unit and your device on which "Technics Audio Center" has been installed to the network connected to the internet. For details, refer to their operating instructions.
- When Deezer is used for the first time, log into Deezer. Perform the following steps for login.
 - ① Start "Technics Audio Center" on your device (smartphone, tablet, etc.).
 - ② Select "Deezer" from "Technics Audio Center".
 - ③ Log into Deezer. (If you do not have an account, you need to register the account.)

1 Press [NET].

- The LED indicator (NET) on the top of this unit lights up.

2 Open the "Technics Audio Center" app and follow the on-screen instructions.

Note

- Depending on the country or region, playback may not be available.
- If the LED indicator (NET) on the top of this unit blinks, confirm the network connection and settings. (⇒ 33)

Operations during playback

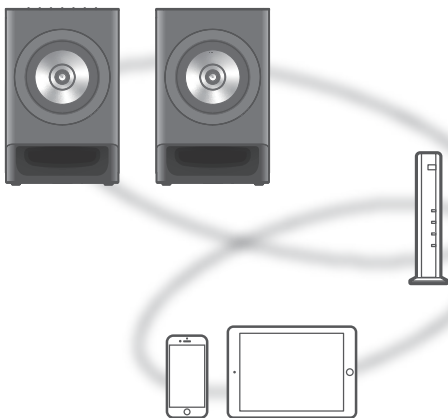
Pause	[▶/⏸] • Press again to resume.
Skip	[⏮] [⏭]
Search	Press and hold [⏮] or [⏭].

Playing Amazon Music

You can play music from the music streaming service, Amazon Music on this unit with the dedicated application “Technics Audio Center” (free of charge) on your smartphone, tablet, etc.

For details of Amazon Music, visit the following website.

www.amazonmusic.com



amazon music

■ Preparation

- Connect this unit and your device on which “Technics Audio Center” has been installed to the network connected to the internet. For details, refer to their operating instructions.
- When Amazon Music is used for the first time, log into Amazon Music. Perform the following steps for login.
 - ① Start “Technics Audio Center” on your device (smartphone, tablet, etc.).
 - ② Select “Amazon Music” from “Technics Audio Center”.
 - ③ Log into Amazon Music. (If you do not have an account, you need to register the account.)

1 Press [NET].

- The LED indicator (NET) on the top of this unit lights up.

2 Open the “Technics Audio Center” app and follow the on-screen instructions.

Note

- Some operations may not be available depending on the music streaming service.
- If the LED indicator (NET) on the top of this unit blinks, confirm the network connection and settings. (⇒ 33)

Operations during playback

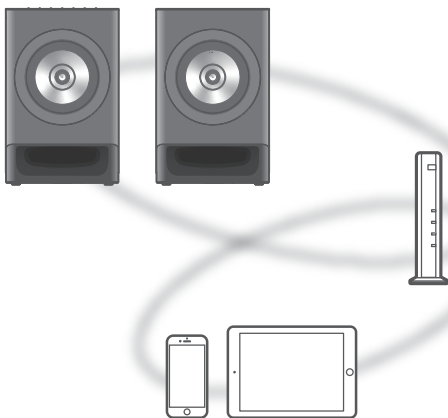
Pause	[▶/⏸] • Press again to resume.
Skip	[⏮] [⏭]
Search	Press and hold [⏮] or [⏭].

Playing Qobuz

You can play music from the music streaming service, Qobuz on this unit with the dedicated application “Technics Audio Center” (free of charge) on your smartphone, tablet, etc.

For details of Qobuz, visit the following website.

www.qobuz.com



■ Preparation

- Connect this unit and your device on which “Technics Audio Center” has been installed to the network connected to the internet. For details, refer to their operating instructions.
- When Qobuz is used for the first time, log into Qobuz. Perform the following steps for login.
 - ① Start “Technics Audio Center” on your device (smartphone, tablet, etc.).
 - ② Select “Qobuz” from “Technics Audio Center”.
 - ③ Log into Qobuz. (If you do not have an account, you need to register the account.)

1 Press [NET].

- The LED indicator (NET) on the top of this unit lights up.

2 Open the “Technics Audio Center” app and follow the on-screen instructions.

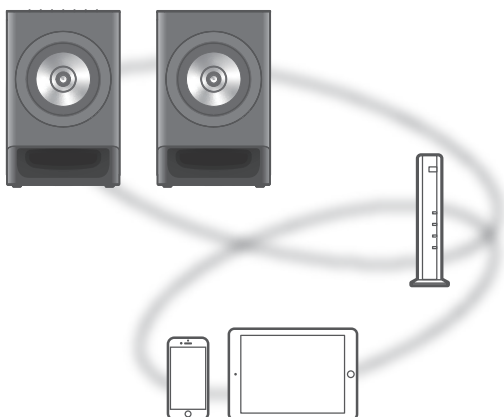
Note

- Depending on the country or region, playback may not be available.
- If the LED indicator (NET) on the top of this unit blinks, confirm the network connection and settings. (⇒ 33)

Operations during playback

Pause	[▶/] • Press again to resume.
Skip	[⏮] [⏭]
Search	Press and hold [⏮] or [⏭].

Listening to music using Google Cast-enabled app



This unit is compatible with Google Cast-enabled apps. For detailed information of Google Cast-enabled apps, visit:
g.co/cast/apps

■ Preparation

- Complete the network settings. (⇒ 33)
 - Make sure that the network is connected to the Internet.
- Install a Google Cast-enabled app on your device (smartphone, tablet, etc.).
- Connect the device to the network currently used at home.

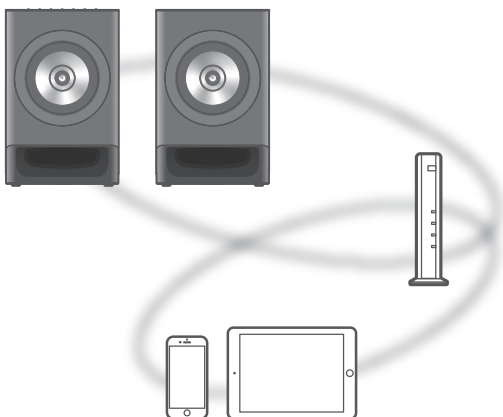
1 Start the Google Cast-enabled app on your device (smartphone, tablet, etc.) and select this unit as the connecting device.

- The input source is automatically switched to "Casting".

2 Play back the music.

Using AirPlay

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



■ Preparation

- Complete the network settings. (⇒ 33)
- Connect the iOS device or PC to the same network as this unit.

1 (Mac, iOS device)

Start the “Music” (or iPod) app.

(PC)

Start “iTunes”.

2 Select “Technics-SC-CX700-****”* from the AirPlay icon (e.g.).

- If the device name is set in your application, the set name is displayed.

3 Start play.

- Check the volume settings before starting the playback.
 - When AirPlay is used for the first time, the volume may be output at the maximum setting.
 - The playback will start with a slight delay.
- *: “****” stands for a number that is unique to each set.

Operations during playback

Pause	[▶/] • Press [▶/] again to resume.
Skip	[⏮] [⏭]

- You can also operate on the connected iOS device/PC.

Note

- Volume changes on the iOS device or iTunes will apply to this unit. (Refer to the iTunes Help for the required settings in iTunes.)
- Playback of other audio sources will stop and AirPlay output will have priority.
- With some iOS and iTunes versions, it may not be possible to restart the AirPlay playback if the selector is changed or the unit is turned to standby mode, during the AirPlay playback. In this case, select a different device from the AirPlay icon of the Music app or iTunes and then re-select this unit as the output speakers.
- AirPlay will not work when playing back videos on iTunes.
- “Network” is displayed as the input source on the “Technics Audio Center” app.

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Sound adjustment

Adjusting with the Space Tune function

You can adjust the sound quality based on the installation location of this unit (such as near a wall or in the corner of a room).

- The factory default is "Free".
- You can set up details using "Technics Audio Center" app.

Free:

No objects (wall, etc.) around the speakers.

Wall:

There is a wall behind the speakers.

Corner:

There are speakers at the corner of the room.

In a Shelf:

There are speakers in the shelf.

L/R Custom:

Sets the sound quality for each speaker.

Auto:

Automatically adjusts the sound quality based on the installation location of this unit by using a test tone and the built-in microphone of this unit

- Connect the primary and secondary speakers before adjusting.
- A test tone outputs quite big while the measurement is in progress.
- The progress of the adjustment is indicated by the blinking of the LED indicator on the top of this unit. When the adjustment is complete, all the LED indicators on the top of this unit light up for 2 seconds.
- If the adjustment fails, a beep sounds 3 times, and all the LED indicators on the top and power indicator on the front of this unit blink for 3 times.
- You can also set to "Auto" using the remote control. Press and hold [S.TUNE AUTO] for 2 seconds to start the sound adjustment. With the volume set to minimum, press and hold the [-] button of the volume control on this unit, then press [S.TUNE AUTO] to cancel the "Auto" setting and set to "Free".

Measured:

Using a test tone and the microphone of an iOS device with the "Technics Audio Center" app installed, the sound quality can be adjusted to approach the optimal level according to the listening position.

- Connect the primary and secondary speakers before adjusting.
- A test tone outputs quite big while the measurement is in progress.

Adjusting Bass/Treble “Tone control”

You can adjust the tone of this unit. Each tonal range (Bass/Treble) can be adjusted.

1 Open the “Technics Audio Center” app.

2 Follow the on-screen instructions to set up.

- To enable this function, select “On”.
- Each level can be adjusted between “- 10” and “+ 10”.
- The factory default is “Off”.

Adjusting balance of speakers “Balance L/R”

Adjusts the balance of the output from left and right speakers.

1 Open the “Technics Audio Center” app.

2 Follow the on-screen instructions to set up.

Playing back music more natural-sounding audio “Bluetooth RE-MASTER”

Extends the playback band to achieve a higher bit depth to reproduce natural and expansive sounds close to original music sources.

1 Open the “Technics Audio Center” app.

2 Follow the on-screen instructions to set up.

- The factory default is “Off”.

Disables the HDMI input to provide higher quality sound

Disables the HDMI input to provide higher quality sound.

- 1 Set the volume of this unit to the minimum.**
- 2 While pressing and holding the [-] of [-VOL+] on this unit, press [HDMI] of the remote control to disable the HDMI input.**
 - The LED indicators (NET/Ⓜ/OPT) on the top of this unit light up for 2 seconds.
 - If [HDMI] is pressed again during step 2, HDMI input is enabled and the LED indicators (USB/AUX/PHONO) on the top of this unit light up for 2 seconds.
 - When the HDMI input is disabled, "HDMI" cannot be selected as the input source. A triple beep sound is heard, and the LED indicator (HDMI) on the top of this unit blinks 3 times.
 - The factory default is "On".
 - You can also set up from "HDMI" on the "Technics Audio Center" app.

Disables the subwoofer output

Disables the subwoofer output to provide higher quality sound.

- 1 Open the "Technics Audio Center" app.**
- 2 Follow the on-screen instructions to set up.**
 - The factory default is "On".

Other settings

Setting the limitation of volume “VOL Limitation”

You can set an upper limit on the output to avoid extremely high volume when turning on this unit or playing back.

Press and hold [MUTE] of the remote control for 4 seconds to set to “On” or “Off”.

- The LED indicators light up for 2 seconds to show the setting status as follows:
On: USB/AUX/PHONO
Off: NET/Bluetooth/OPT
- The factory default is “Off”.
- You can also set up using the “Technics Audio Center” app.

Auto off function “Auto Off”

While the setting is set to “On”, this unit automatically enters standby mode for saving energy, if no sound output without operation such as pressing buttons, etc. for approx. 20 minutes. This function does not work when DSD audio plays back in “USB”.

- 1 Set the volume of this unit to the minimum.**
- 2 While pressing and holding the [-] of [-VOL+] on this unit, press [⏻] to set to “On” or “Off”.**
 - The LED indicators light up for 2 seconds to show the setting status as follows:
On: USB/AUX/PHONO
Off: NET/Bluetooth/OPT
 - You can also set up using the “Technics Audio Center” app.

Note

- The setting is stored even if the power is turned off and on.
- The power indicator softly flickers to notify 3 minutes before the power turns off.

Operation sound setting

“Beep”

You can turn the beep sound on/off for the touch switch operation.

1 Open the “Technics Audio Center” app.

2 Follow the on-screen instructions to set up.

- The factory default is “On”. To disable this function, select “Off”.

Note

- If a malfunction occurs in the unit, a beep sound and the LED indicator will notify you, regardless of the settings. (⇒ 88)

Sleep timer

“SLEEP”

The sleep timer can turn the unit to standby mode after a set time.

1 Open the “Technics Audio Center” app.

2 Follow the on-screen instructions to set up.

- The sleep timer will be cleared in the following condition.
 - When restoring all the settings to the factory defaults
 - When setting up the wireless LAN function
 - When updating firmware
 - When turning this unit off

Note

- While the sleep timer is set, the power indicator softly flickers at 10-second intervals and softly flickers at 2-second intervals for 10 seconds before turning off.

Checking the firmware version

“Firmware”

The LED indicators light up to show the version of the installed firmware on this unit.

1 Press and hold [▶/III] of the remote control for 4 seconds.

- All LED indicators turn off once.

2 The LED indicators blink in sequence from “AUX” to “PHONO” on the top of this unit to show a two-digit number of the firmware version.

- For example, if the version number is 1.25.00.00, “AUX” blinks 2 times, followed by “PHONO” blinking 5 times.
- You can also check the firmware version using the “Technics Audio Center” app.

Note

- Check the firmware version after connecting the power cord and waiting for more than 1 minute. When performing the above steps within 1 minute, a triple beep sound is heard, and it may not be possible to check the firmware version.

Firmware updates

“Updating firmware”

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.

- For the update information, refer to the following website.
www.technics.com/support/firmware/

Downloading takes approx. 15 to 45 minutes.

Do not disconnect the AC mains lead or turn this unit to standby while updating.

The progress is shown by the blinking of the LED indicators on the top of this unit.

Note

- During the update process, no other operations can be performed.
- Updating the firmware may reset the settings of this unit.

■ Preparation

- Connect this unit to the network. (⇒ 33)
 - Make sure that the network is connected to the Internet.

Open the “Technics Audio Center” app and follow the on-screen instructions to start firmware updates.

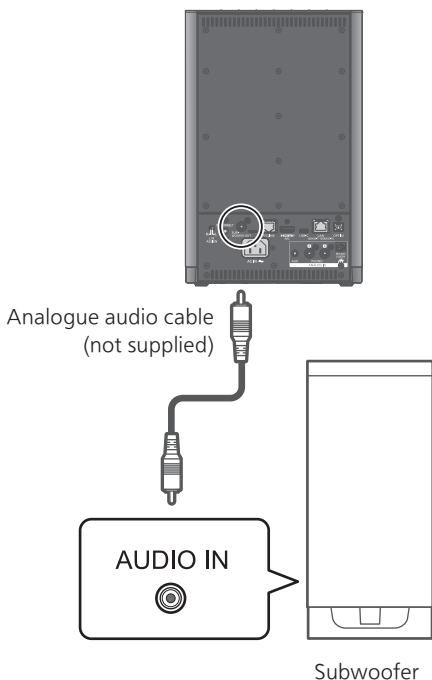
- While updating, the LED indicator on the front of this unit blinks and the LED indicators on the top show the progress of the update. When the update is successful, all LED indicators light up for 2 seconds, and then the unit restarts.
- If the update fails, a triple beep sound is heard, and the LED indicators on the top of this unit blink 3 times at 3-second intervals.

Note

- Downloading may take longer depending on the internet connection environment, etc.
- Firmware updating may automatically start after the network settings are complete, or when the network connection is established and this unit is not in use.

Connecting a subwoofer

You can connect the subwoofer with analogue audio cable (not supplied) to output the analogue audio signals.



Using analogue audio cable

- 1 **Disconnect the AC mains lead.**
- 2 **Connect this unit and a Subwoofer**
- 3 **Connect the AC mains lead to this unit.**
(⇒ 31)
- 4 **Press [⏻] to turn this unit on.**

Note

- For details, refer to the operating instructions of the connected device.

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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 do not resolve the issue, then consult your dealer for instructions.

Heat buildup of this unit

This unit becomes warm while in use.

- Be careful when touching the rear of this unit because the rear of this unit may be hot. For installation or unit care, disconnect the AC mains lead, wait for at least 3 minutes.

Do you have the latest firmware installed?

Panasonic is constantly improving the unit's firmware to ensure that our customers are enjoying the latest technology. (⇒ 76)

When the latest firmware for this unit is available, the power indicator softly flickers at 10-second interval for 1 minute after turning on.

To restore all the 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 memory contents.

1 Disconnect the AC mains lead.

- Wait 30 seconds before you continue with step 2.

2 While you press and hold [⏻/|] on this unit, connect the AC mains lead again.

- Keep holding down [⏻/|] until the two LED indicators at the left end light up and a beep sounds.

3 Release [⏻/|].

- The progress of the initialisation is indicated by the blinking of the LED indicator. When initialisation is complete, all LED indicators on the top of this unit light up and a beep sounds.
- All the settings are set back to the factory default except pair registration information between primary and secondary speakers.

General

The unit does not work.

Operations are not done properly.

- One of the unit's safety devices, etc. may have been activated.
 - ① Press [⏻/⏻] on the unit to switch the unit to standby.
 - If the unit does not switch to standby, press [⏻/⏻] on the unit for at least 5 seconds. The unit is forcibly switched to standby. Alternatively, disconnect the AC mains lead, wait for at least 3 minutes, then reconnect it.
 - ② Press [⏻/⏻] on the unit to switch on. (It may take some time for this unit to be turned on.)
 - If the operations are not done properly yet even after turning this unit on, press and hold [⏻/⏻] at least 5 seconds to turn off. (Release the button after turning off.) It may solve the problem.
 - If the unit still cannot be operated, consult the dealer.
- The remote control may not work properly. (⇒ 87)

A "humming" sound can be heard during playback.

- An AC mains lead of another device or fluorescent light is near the cables. Turn off other appliances, or keep them away from the cables of this unit.
- A strong magnetic field near a TV or other device may adversely affect the audio quality. Keep this unit away from such a location.
- The speakers may output noise when a device nearby is emitting powerful radio waves, such as when a mobile phone is on a call.

No sound.

- Check to see if the cable connections to the input and output terminals are incorrect. If this is the case, turn this unit to standby and reconnect the cables correctly.
- Check to see if the correct input source is selected.
- Insert the plugs of the cables to be connected all the way in.
- The audio signal does not output from the SUBWOOFER terminal. (⇒ 73)
- Playback of multi-channel content is not supported.
- The digital audio input terminal of this unit can only detect linear PCM signals. For details, refer to the operating instructions of the device.

No audio output from the secondary speaker

- Check if the power cord of the secondary speaker is connected properly.
- The wireless connection between the speakers may be interrupted. Turn the speakers off and on to reconnect. You can also manually connect by pressing and holding P/S CONNECT button on the primary speaker for 2 seconds. If you still cannot connect, unplug both power plugs of speakers, wait for more than 30 seconds, and then reconnect the power plugs to turn on the speakers. If these methods do not resolve the issue, the pairing between the primary and secondary speakers may have been cancelled. (⇒ 90)

Playback does not start.

- Depending on your environment or connected devices, it may take some time.
- Playback of multi-channel content is not supported.
- Check to see if the format of the file is supported. For supported formats, refer to "Format". (⇒ 97)

The unit turns to standby mode automatically.

- Is the auto off function turned on? (⇒ 74)
- When using HDMI CEC (Consumer Electronics Control) function, this unit may turn to standby mode according to the connected HDMI equipment. (⇒ 47)
- Is the sleep timer set? (⇒ 75)

This unit turns on suddenly.

- If using the HDMI CEC function, this unit may turn on in conjunction with connected devices.
- This unit also turns on due to Bluetooth® or network playback functions.
- When the network connection is established, the firmware update may automatically start. During the update, this unit will temporarily turn on but will automatically turn off once the update is complete.

Power/LED indicators turns off.

- The unit is off.
- The LED indicators all turn off when pressing and holding [DIMMER] for 4 seconds. (⇒ 25)

The settings are reset to the factory defaults.

- Updating the firmware may reset the settings.

HDMI

HDMI CEC function does not work.

- Check the HDMI CEC setting of the connected equipment. (Enabling the HDMI CEC setting of the connected equipment, selecting this unit as an audio output, etc.)
- Is the “HDMI Control” setting of this unit set to “Off”? (⇒ 47)
- Read the operating instructions for the HDMI equipment (TV, etc.) for details.
Reconnection of the equipment, blackout, plugging and unplugging AC cord may be a cause of problem. Perform the procedure below.
 - ① Turn TV off and on while all equipment connected with HDMI cables is turned on.
 - ② Set HDMI CEC setting of TV to off and on.

No sound output.

- Check the settings of the connected HDMI equipment (TV, etc.).
 - ① Is the audio output signal set to PCM?
 - ② Is the output destination set to this unit?

“HDMI” cannot be selected as an input source.

- Check if the HDMI input is not disabled. (⇒ 73)

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. (⇒ 41)
- This unit might be connected to a different device. Disconnect the other device and try re-pairing the device.

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 this unit manually. Read the operating instructions for the device for details.

The sound is interrupted.

- The device is out of the 10 m communication range. Bring the Bluetooth® device closer to this system.
- Remove any obstacle between this system and the device.
- Other devices that use the 2.4 GHz frequency band (wireless router, microwaves, cordless phones, etc.) are interfering. Bring the Bluetooth® device closer to this system and distance it from the other devices.
- Select "Mode1" for stable communication. (⇒ 43)

Network

Cannot connect to the network.

- Confirm the network connection and settings.
(⇒ 33)
- If the network is set to be invisible, make the network visible while you set up the network for this unit or make a wired LAN connection.
- This system's Wi-Fi security supports WPA2™. Your wireless router must therefore be WPA2™ compatible. For details on the security supported by your router and how to change the settings, please refer to the operating instructions or contact your internet service provider.
- Make sure that the multicast function on the wireless router is enabled.
- The wireless LAN environment or radio interference in your area may cause connection problem. In this case, try another connection method. If the problem persists, make a wired LAN connection. (⇒ 35)
- While the AC mains lead is disconnected, the LAN cable must be connected or disconnected.

Cannot select this system as the output speakers.

- Make sure that the devices are connected to the same network as this unit.
- Reconnect the devices to the network.
- Turn the wireless router off and then on.
- Turn this unit to standby and on, and then select this system as the output speakers again.

Cannot select this unit from the Google Cast-enabled apps.

- When using the Google Cast-enabled apps to play music on this unit, you need to set up a network connection using "Technics Audio Center" app.
(⇒ 16)
- You may not select this unit from the video apps, etc.

Playback does not start.

The sound is interrupted.

- The content may not be played back properly depending on the network condition.
- If using the 2.4 GHz band on the wireless router, simultaneous use with other 2.4 GHz devices, such as microwaves, cordless telephones, etc., may result in connection interruptions. Increase the distance between this unit and these devices.
 - If your wireless router supports 5 GHz band, try using the 5 GHz band.
- Do not place this system inside a metal cabinet, for it might block the Wi-Fi signal.
- If the playback stops, check the playback status on the device.
- Place this system closer to the wireless router.
- If several wireless devices are simultaneously using the same wireless network as this unit, try turning off the other devices or reducing their wireless network usage.
- Reconnect the devices to the network.
- Turn the wireless router off and then on.
- With some iOS and iTunes versions, it may not be possible to restart the AirPlay playback if the selector is changed or this unit is in standby mode, during the AirPlay playback. In this case, select a different device from the AirPlay icon of the Music App or iTunes and then re-select this system as the output speakers. (⇒ 68)
- If the above solutions do not solve the problem, make a wired LAN connection for all connected devices which have LAN terminal (this unit, Network Attached Storage, media server, etc.). (⇒ 35)

The media server and its contents are not displayed on the “Technics Audio Center” app.

- The connected media server and its contents may not be displayed properly depending on its condition (e.g. soon after adding the contents to the server, etc.). Try again later. For details, refer to the operating instructions of the media server.

Cannot find music files stored on the PC on the “Technics Audio Center” app.

- When you play back music files over a network, those that are not registered to its network server are not displayed. For details, refer to the operating instructions for your server.

Cannot display the information on the “Technics Audio Center” app properly.

- Track names, etc. may not be displayed properly.

The content in PC, application, etc., cannot be played back.

- 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.

Online music streaming services

Playback does not start.

The sound is interrupted.

- The station that does not broadcast cannot be played back (or it will be skipped).
- The internet radio station may not be played back depending on the broadcasting method or the network condition.
- The content may not be played back properly depending on the network condition.
- Depending on the internet connection environment, the sound may be interrupted or it may take some time to play back.
- Service may not be available depending on the country or area.
- The services through Network Service are operated by their respective service providers, and service may be discontinued either temporarily or permanently without notice.
- Use the application for each music streaming service instead of "Technics Audio Center" to operate this unit, it may improve the performance.

Cannot display the information on the "Technics Audio Center" app properly.

- Station names, countries, regions, genres, track names, album names, etc. which are managed by the service provider, may not be displayed properly depending on the broadcasting information.

Remote control

The remote control does not work properly.

- The batteries are depleted or inserted incorrectly. (⇒ 26)
- To avoid interference, please do not put any objects in front of signal sensor. (⇒ 20)
- If the remote control mode of the remote control differs from that of this unit, match the mode of the remote control to the mode of this unit. (⇒ 27)

Information on the LED lighting/ blinking messages

The LED indicators on the top and power indicator on the front of this unit light up or blink to indicate the operation and status of the device.

All the LED indicators on the top and power indicator on the front blink 3 times quickly.



- Network connection is not complete.
 - Try the setting again. (⇒ 33)
- The firmware download has failed. The network is not connected to the internet.
 - Press any button to exit. Please try again later.
 - The server cannot be found. Press any button to exit. Make sure that the network is connected to the internet.
- The adjustment of Space Tune function is not complete.
 - Set the adjustment again. (⇒ 71)
- Operating the touch switch during “Touch Switch” is set to “Off”.
 - Open the “Technics Audio Center” app and set “Touch Switch” to “On” to enable touch switch operation.

All the LED indicators on the top blink quickly for 3 seconds, then one or more of the LED indicators light up for 1 second.



- An abnormality has occurred. (If this unit detects an abnormality, the protection circuit is activated, and the power may be turned off automatically.)
 - Is this unit placed in an extremely hot place?
 - Wait a few seconds and then turn the unit on again. (The protection circuit will be deactivated.)
 - If the problem persists, disconnect the AC mains lead and consult your dealer.

All the LED indicators on the top blink once or twice when controlling this unit with the remote control.



- The remote control mode setting does not match this unit. If it blinks once, it is set to “Mode 1”, and if it blinks twice, it is set to “Mode 2”.
 - Change the mode on the remote control. (⇒ 27)

The LED indicator (NET) on the top and power indicator on the front blink.



- Wireless setup starts.
 - Open the “Technics Audio Center” app to enter the network setting. (⇒ 36)
 - To cancel this setting in the middle, switch the input source by pressing touch switch on the top of this unit.

The LED indicator (OPT, HDMI, USB) on the top blinks.



- “OPT”, “HDMI” or “USB” is selected, but no device is connected or no audio is played back.
 - The sampling frequency components, etc. of the audio signals are not input correctly.
 - Check the connection with the device. (⇒ 44, 46, 49)
 - For supported formats, refer to “Format”. (⇒ 97)

After turning this unit on, all the LED indicators on the top and the power indicator on the front softly flicker for a while.

- The unit is starting up. Please wait until the process is complete.

The power indicator on the front of the unit softly flickers.

- The firmware (free of charge) for this unit is available. (⇒ 76)

The power indicator on the front of the unit blinks three times, repeating every 3 seconds.

- The primary speaker and secondary speaker are not connected.
 - Turn this unit off and on to reconnect the speakers. (⇒ 30)

Registering the speakers as a pair

If the pair registration between the speakers has been canceled, pair them again as the following procedure.

- 1 Set the volume to minimum.**
- 2 While pressing and holding the [-] of [-VOL+] on the unit, press and hold P/S CONNECT of the primary speaker for 5 seconds or more.**
 - The LED indicators and power indicator of the primary speaker blink.
- 3 Press and hold P/S CONNECT of the secondary speaker for 5 seconds or more.**
 - The power indicator of the secondary speaker blinks.
- 4 When pair registration is complete, the LED indicators and power indicator on the primary speaker light up for 2 seconds.**
 - If pair registration fails, the LED indicators and power indicator on the primary speaker blink quickly 3 times. Unplug the power cords of both speakers from the outlet, wait about 3 minutes, plug them back in, and then perform pair registration again from step 1.

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.).

Licenses



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FLAC Decoder

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HIGH-DEFINITION MULTIMEDIA INTERFACE

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roon READY

Being Roon Ready means that Technics uses Roon streaming technology, for an incredible user interface, simple setup, rock-solid daily reliability, and the highest levels of audio performance, without compromise.

Specifications

■ GENERAL

Power supply	AC 220 V to 240 V, 50/60 Hz
Power consumption	40 W (PRIMARY) 35 W (SECONDARY)
Power consumption in standby mode (Network Standby)	Approx. 2.0 W (PRIMARY) Approx. 2.0 W (SECONDARY)
Dimensions (W×H×D)	201 mm × 313 mm × 276 mm (PRIMARY) 201 mm × 313 mm × 272 mm (SECONDARY)
Weight	9.1 kg (PRIMARY) 8.9 kg (SECONDARY)
Operating temperature range	0 °C to 40 °C
Operating humidity range	35% to 80% RH (no condensation)

■ AMPLIFIER SECTION

Total Output Power	200 W (100 W × 2)
Woofer	60 W
Tweeter	40 W

■ SPEAKER SECTION

Type	Coaxial 2-way bass reflex
Woofer	15 cm x 1/ch, Cone Type
Tweeter	1.9 cm x 1/ch, Ring Type

■ Bluetooth® SECTION

Bluetooth® system specification	Bluetooth® Ver.5.1
Wireless equipment classification	Class 1 (4 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-C	Type C Connector
Ethernet interface	LAN (100BASE-TX/10BASE-T)
AUX input	Stereo, ϕ 3.5 mm jack
Analogue Input	PHONO (MM) (Pin Jack)
Analogue Output	SUBWOOFER (Pin Jack)
Digital Input	OPT IN (Optical terminal)
Format support	LPCM
HDMI Output (ARC)	Type A Connector
Format support	LPCM

■ Wi-Fi SECTION

Standard	IEEE802.11a/b/g/n/ac/ax
Frequency band	2.4 GHz band 5 GHz band
Security	WPA2™

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

■ SPEAKER CONNECTION

Wireless connection	
Frequency Band	5 GHz band
Operating Distance	Approx. 10 m (Line of sight)
Wired connection	
P/S LINK	RJ-45 Connector Supports CAT6A (shielded type)

- The Wireless system feature of this product shall exclusively be used inside buildings.

■ FORMAT SECTION

USB-C

USB Standard	USB 2.0 High-speed USB Audio Class 2.0, Asynchronous mode
DSD control mode	ASIO Native mode, DoP mode

■ Format

This unit supports the following 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.
- Files larger than 2 GB cannot be played.
- 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 the “Technics Audio Center” app 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-C

	Extension	Sampling frequency	Bit rate/ Number of quantisation bits
DSD	.dff .dsf	2.8/5.6 MHz	
LPCM		32/44.1/48/ 88.2/96/ 176.4/192 kHz	16/24 bit

LAN (DMR)*2

	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	

*2: 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.

EU



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Panasonic Corporation

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