



Technics SL-G700M2 Network/Super Audio CD Player User Manual

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Technics®



SL-G700M2 Network/Super Audio CD Player Basic Operating Instructions

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SL-G700M2 Network/Super Audio CD Player

Music is borderless and timeless, touching people's hearts across cultures and generations. Each day the discovery of a truly emotive experience from an unencountered sound awaits. Let us take you on your journey to rediscover music.

Rediscover Music™/ Technics

Delivering the Ultimate Emotive Musical Experience to All

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

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

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

This is our philosophy.

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

Director
Michiko Ogawa



Thank you for purchasing this product.

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

- About descriptions in these operating instructions
 - Pages to be referred to are indicated as “: ➡ ○○”.
 - The illustrations shown may differ from your unit.
 - Unless otherwise indicated, operations are described using the remote control.
- Illustrations and figures in this manual are of the silver main body.
- A more detailed operating instruction is available in “Operating Instructions” (PDF format).

To read it, download it from the website.

www.technics.com/support/downloads/oi/SL-G700M2.html

- You will need Adobe Reader to browse or print “Operating Instructions” (PDF format). You can download and install a version of Adobe Reader that you can use with your OS from the following website.

<http://www.adobe.com/products/acrobat/readstep2.html>



www.technics.com/support/downloads/oi/SL-G700M2.html

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>

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.

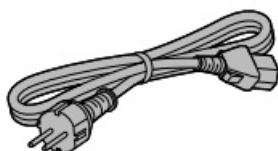
Type of wireless	Frequency band	Maximum power (dBm e.i.r.p.)
WLAN	2412 – 2472 VHz	18 dBm
	5180 – 5320 MHz	18 dBm
	5500 – 5700 MHz	18 dBm
	5745 – 5825 MHz	14 dBm
Bluetooth [™]	2402 – 2480 MHz	4 dBm

Accessories

AC mains lead (3)

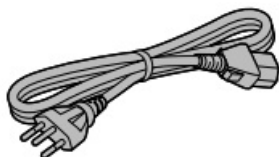
Except for Switzerland

K2CM3YY00041



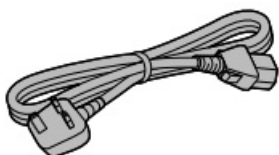
For Switzerland

K2CS3YY00048

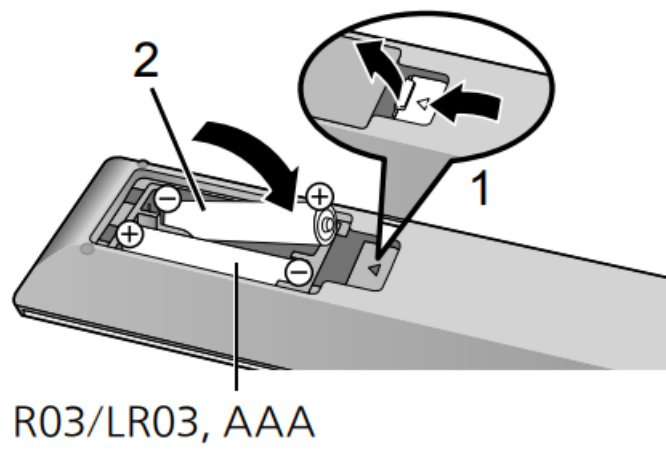


For the United Kingdom and Ireland

K2CT3YY00081



- Using the remote control

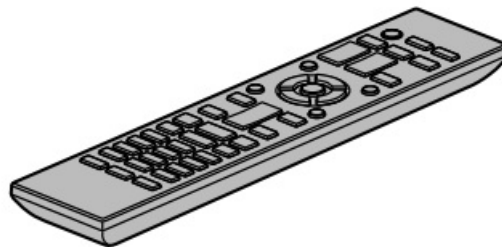


(Alkaline or manganese batteries)

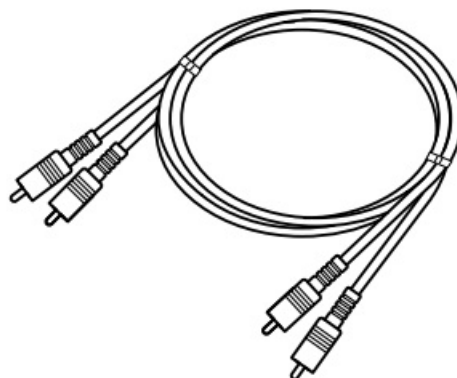
System connection cable (1)
K2KYYYY00233



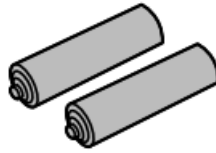
Remote control (1)
N2QAYA000240



Analogue audio cable (1)
K4EY4YY00003



Batteries for remote
control (2)



- Product numbers provided in these operating instructions are correct as of September 2022.
- These may be subject to change.
- Do not use AC mains lead with other equipment.

Note

- Insert the battery so the terminals (+ and-) match those in the remote control.
- Point it at the remote control signal sensor on this unit. (→ 09)
- Keep the batteries out of reach of children to prevent swallowing.

Safety precautions

Warning Unit

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

AC mains lead

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

Install this unit so that the mains plug can be unplugged from the socket outlet immediately.
- Ensure the earth pin on the mains plug is securely connected to prevent electrical shock.
 - An apparatus with CLASS I construction shall be connected to a mains socket outlet with a protective earth connection.

Caution Unit

- Do not place sources of naked flames, such as lighted candles, on this unit.
- This unit may receive radio interference caused by mobile telephones during use. If such interference occurs, please increase separation between this unit and the mobile telephone.
- This unit is intended for use in moderate and tropical climates.
- Do not put any objects on this unit. This unit becomes hot while it is on.
- This unit utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Placement

- Place this unit on an even surface.
- To reduce the risk of fire, electric shock or product damage,
 - Do not install or place this unit in a bookcase, built-in cabinet or in another confined space.Ensure this unit is well ventilated.
 - Do not expose this unit to direct sunlight, high temperatures, high humidity, and excessive vibration.
- Do not lift or carry this unit by holding the knobs or antenna. Doing so may cause this unit to fall, resulting in personal injury or malfunction of this unit.

Battery

- Danger of explosion if battery is incorrectly replaced. Replace only with the type recommended by the manufacturer.
- Mishandling of batteries can cause electrolyte leakage and may cause a fire.
 - Remove the battery if you do not intend to use the remote control for a long period of time. Store in a cool, dark place.
 - Do not heat or expose to flame.
 - Do not leave the battery(ies) in a car exposed to direct sunlight for a long period of time with doors and windows closed.
 - Do not take apart or short circuit.
 - Do not recharge alkaline or manganese batteries.
 - Do not use batteries if the covering has been peeled off.
 - Do not mix old and new batteries or different types at the same time.
- When disposing of the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.
- Avoid the use in the following conditions
 - High or low extreme temperatures during use, storage or transportation.
 - Replacement of a battery with an incorrect type.
 - Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
 - Extremely high temperature and/or extremely low air pressure that can result in an explosion or the leakage of flammable liquid or gas.





CAUTION – VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21CFR / CLASS II (11a)

CAUTION – CLASS 2 VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO THE BEAM. IEC60825-1:2007 / CLASS 2

(Inside of product)
(Produktets innsida)

For the United Kingdom and Ireland customer 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.

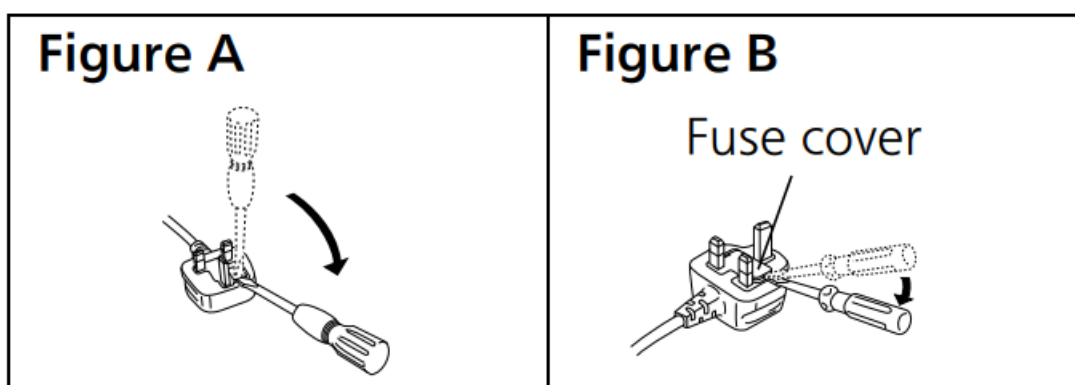
Before use

Remove the connector cover.

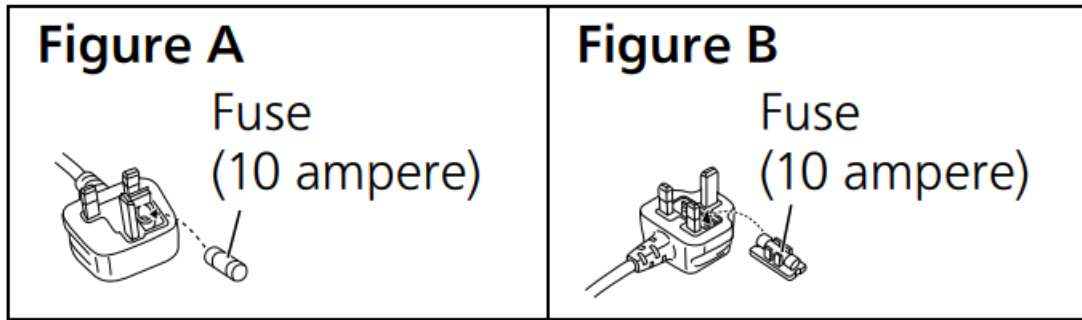
How to replace the fuse

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.

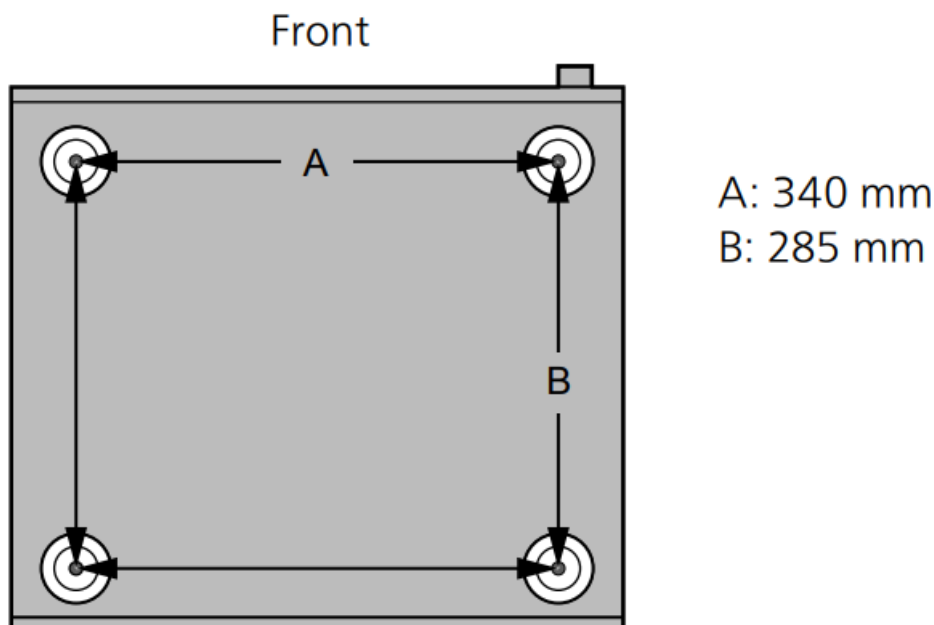


Note for the battery symbol (bottom symbol):

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.

Installation

- Eject a CD, fold the antenna and turn off all the equipment before connection and read the appropriate operating instructions. Be sure to raise this unit when moving, and do not drag this unit.
- Confirm the installation location can sustain the weight of this unit. (→ 20)
- For the dimensions of this unit (→ 20)
- Refer to the following figure for the dimensions of this unit's legs.



Unit care

Pull out the AC mains lead from the socket before maintenance. Clean this unit with a soft cloth.

- When dirt is heavy, wring a wet cloth tightly to wipe the dirt, and then wipe it with a soft cloth.
- Do not use solvents including benzine, thinner, alcohol, kitchen detergent, chemical wiper, etc. Doing so may cause the exterior case to be deformed or the coating to come off.

Using “Technics Audio Center”

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

www.technics.com/support/

- This application is subject to change or be discontinued with notice.

Firmware updates

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

- For the update information, refer to the following website.

www.technics.com/support/firmware/

To restore all the settings to the factory defaults

1. Press [NWP] or [CD] while this unit is turned on.
2. Press [SETUP].
3. Press [\blacktriangle], [\blacktriangledown] repeatedly to select “Initialization” and then press [OK].
4. Press [\blacktriangle], [\blacktriangledown] to select “Yes” and then press [OK].
 - A confirmation screen appears. Select “Yes” in the following steps to restore all the settings to defaults.
5. Press [\blacktriangle], [\blacktriangledown] to select “Yes” and then press [OK] again.

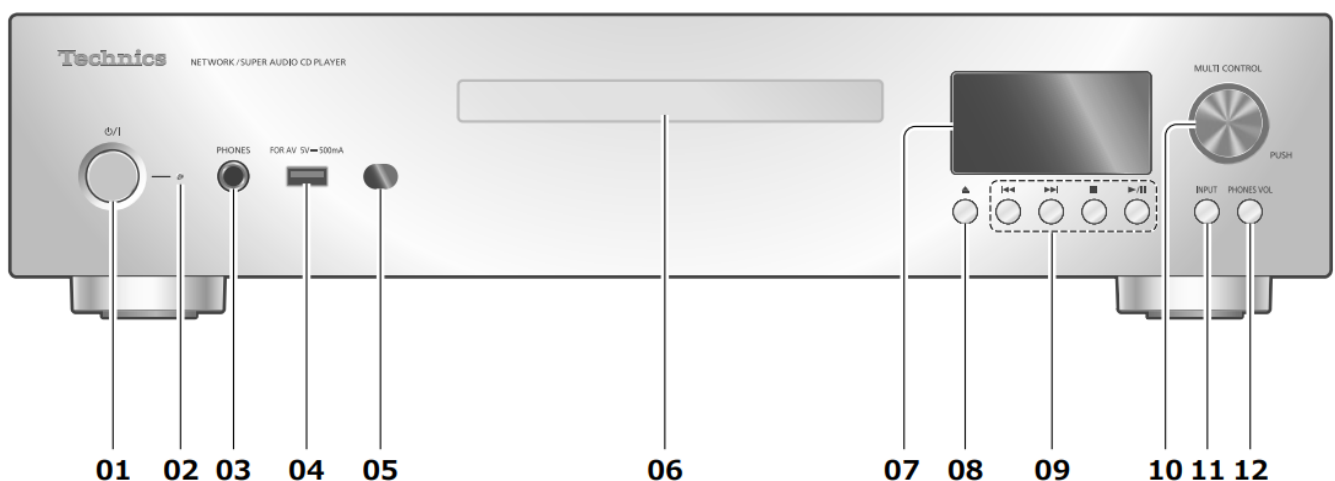
To dispose of or transfer this unit

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

Panasonic Corporation, a company having its registered office of 1006, Oaza Kadoma, Kadoma City, Osaka 571-8501, Japan, automatically collects personal data such as IP address and/or Device ID from your device as soon as you connect it to the Internet. We do this to protect our customers and the integrity of our Service as well as to protect the rights or property of Panasonic. You have a right of access, rectification and objection to in certain circumstances, a right of erasure, restriction of processing, data portability and a right to object to other forms of processing. If you wish to exercise any of the above rights and/or wish to know more about the processing of your personal data in this context, please refer to the full text of our privacy policy displayed at the support page of your device, <http://panasonic.jp/support/global/cs/audio/>, <http://www.technics.com/support/> or contact our customer communications/support number or address described in the Pan European Guarantee included in your device box to send you the full text of our privacy policy.

Control reference guide

This unit (front)



1. [] 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.

2. Power indicator

- Blue: The unit is on.
- Red: The unit is in standby mode.
- Off: The unit is off.

3. Headphones jack

- Excessive sound pressure from earphones and headphones can cause hearing loss.
- Listening at full volume for long periods may damage the user's ears.

4. USB-A terminal (USB-A Front) (For AV) (DC 5 V 500 mA)

- You can connect a USB device to the unit and play back music stored on the USB device. (⇒ 18)
- You can connect the USB flash memory with new firmware and update the firmware for this unit.

For details, refer to the following website.

www.technics.com/support/firmware/

5. Remote control signal sensor

- Reception distance:

Within approx. 7 m directly in front

- Reception angle:

Approx. 30° left and right

6. Disc tray

(⇒ 17)

7. Display

- Input source, playback status, etc. are displayed.



8. Open or close the disc tray

9. Playback operation buttons (e.g. "CD")

Stop	
Play/Pause	• Press again to resume
Skip	
Search	Press and hold or

10. Multi-control knob

- Turn this knob clockwise or anticlockwise to switch the input source and scroll through items.
- To set an item, press the knob; to enter the setup screen, press and hold it.

11. Input selector button

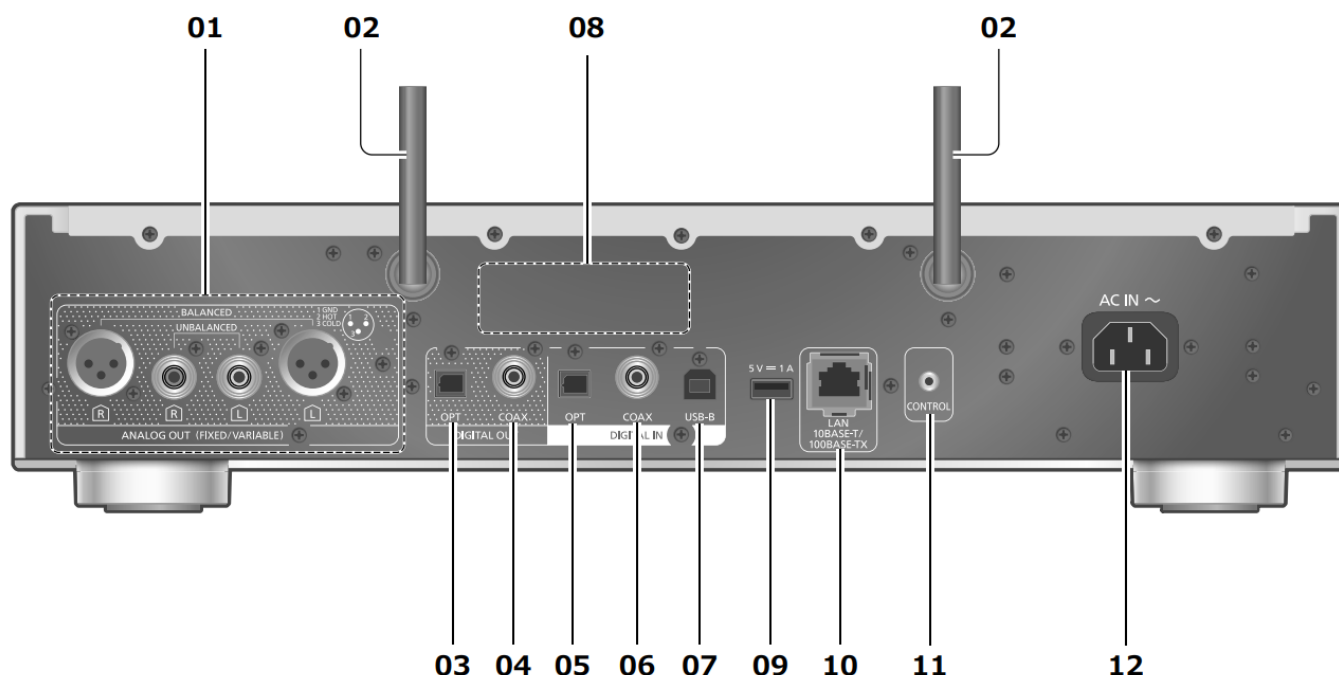
- Switch the input source.

12. Headphone volume button

- Headphone volume is displayed. (Volume can be adjusted with the multi-control knob while displaying.)
- — dB (min), -99.0 dB to 0 dB (max)

Control reference guide (Continued)

This unit (rear)



1. Analogue audio output terminals

(ANALOG OUT)

- You can connect the pre-amplifier which has the unbalanced input terminals, etc. with analogue audio cable (supplied) to output the analogue audio signals.
- You can connect the pre-amplifier which has the balanced input terminals, etc. with XLR cable (not supplied).

2. Wireless LAN antenna (⇒ 14)

3. Optical digital output terminal (OPT)

You can connect a digital audio output device such as D/A converter, etc. with optical digital audio cable (not supplied) and play back music.

4. Coaxial digital output terminal (COAX)

You can connect a digital audio output device such as D/A converter, etc. with coaxial digital cable (not supplied) and play back music.

5. Optical digital input terminal (OPT)

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

- The 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

6. Coaxial digital input terminal (COAX)

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

- The 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: 32/44.1/48/88.2/96/176.4/192 kHz
 - Number of quantisation bits: 16/24 bit

7. USB-B terminal (USB-B)

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

- For details, refer to “Operating Instructions”.

8. Product identification marking

- The model number is indicated.

9. USB-A terminal (USB-A Rear) (DC 5 V 1 A)

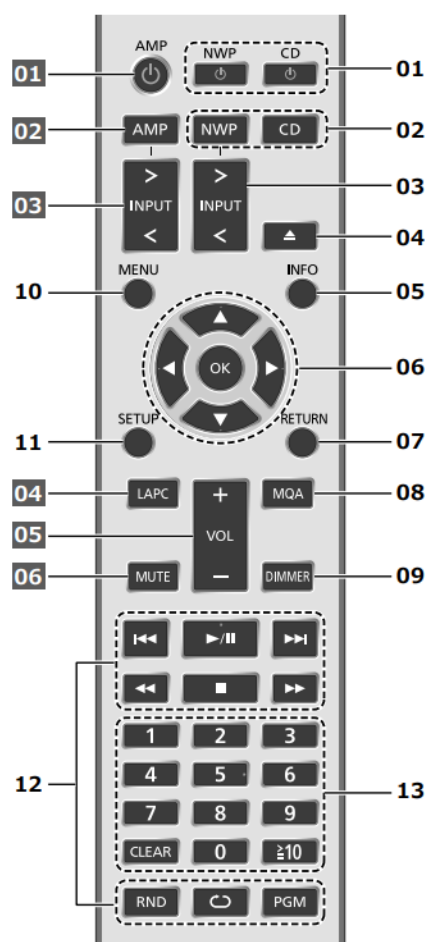
You can connect a USB HDD to the unit and play back music stored on the USB HDD. ( 18)


10. LAN terminal ( 14)

11. System terminal (CONTROL)

12. AC IN terminal (~) ( 12)


Remote control




- Buttons that work for this unit 01 [NWP]/[CD ]: 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.

The input source also switches for each (switches to the last selected input source when [NWP]).




02 [NWP]/[CD]: Select the device to be operated

- The current playing layer is displayed by pressing [CD] while the playback stops for Hybrid Super Audio CD (SACD). Press again to switch the layer.
- Press and hold [CD] to switch to “Pure Disc Playback” mode. ( 18)

03 [>INPUT<]: Switch the input source

04 []: Open or close the disc tray

05 [INFO]: View content information*

06 [, , , ]/[OK]: Selection/OK*

07 [RETURN]: Return to the previous display*

08 [MQA]: Switches MQA decoding function to “On”/“Off”

- “MQA Decoding : On” is displayed when the function is “On”.
- Press repeatedly to switch the function.

09 [DIMMER]: Adjust the brightness of the power indicator, display, etc.

- Press repeatedly to switch the brightness.

10 [MENU]: Enter menu*


11 [SETUP]: Enter setup menu*


12 Playback control buttons ( 17)

13 Numeric buttons, etc.

- To enter 2 digits or more

Example:

16: [ 10] > [1] > [6]


124: [ 10] > [10] > [1] > [2] > [4]

- [CLEAR]: Clear the entered value

*: Press [NWP]/[CD] first to operate this unit. The remote control works only for the devices supporting system control function when pressing [AMP].)

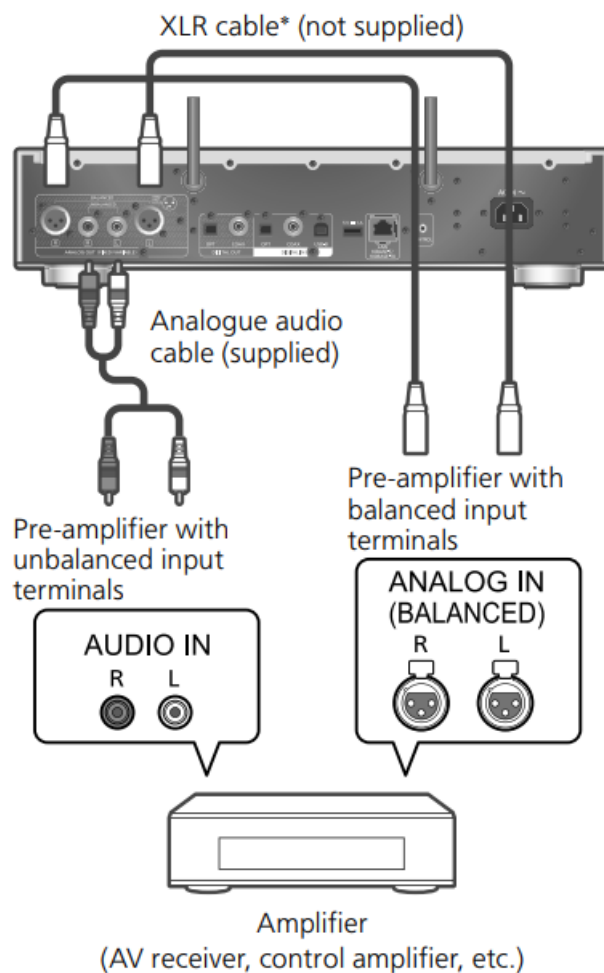
• Buttons that work for the connected Technics devices

The remote control of this unit also works for Technics devices (Stereo Integrated Amplifier, etc.). For information on the operations of the devices, please also refer to their operating instructions.

1. [] Standby/on button
2. Select the device to be operated
3. Select the input source
4. Measure the output signal when speakers are connected, and correct its output
5. Adjust the volume
6. Mute the sound

Connections

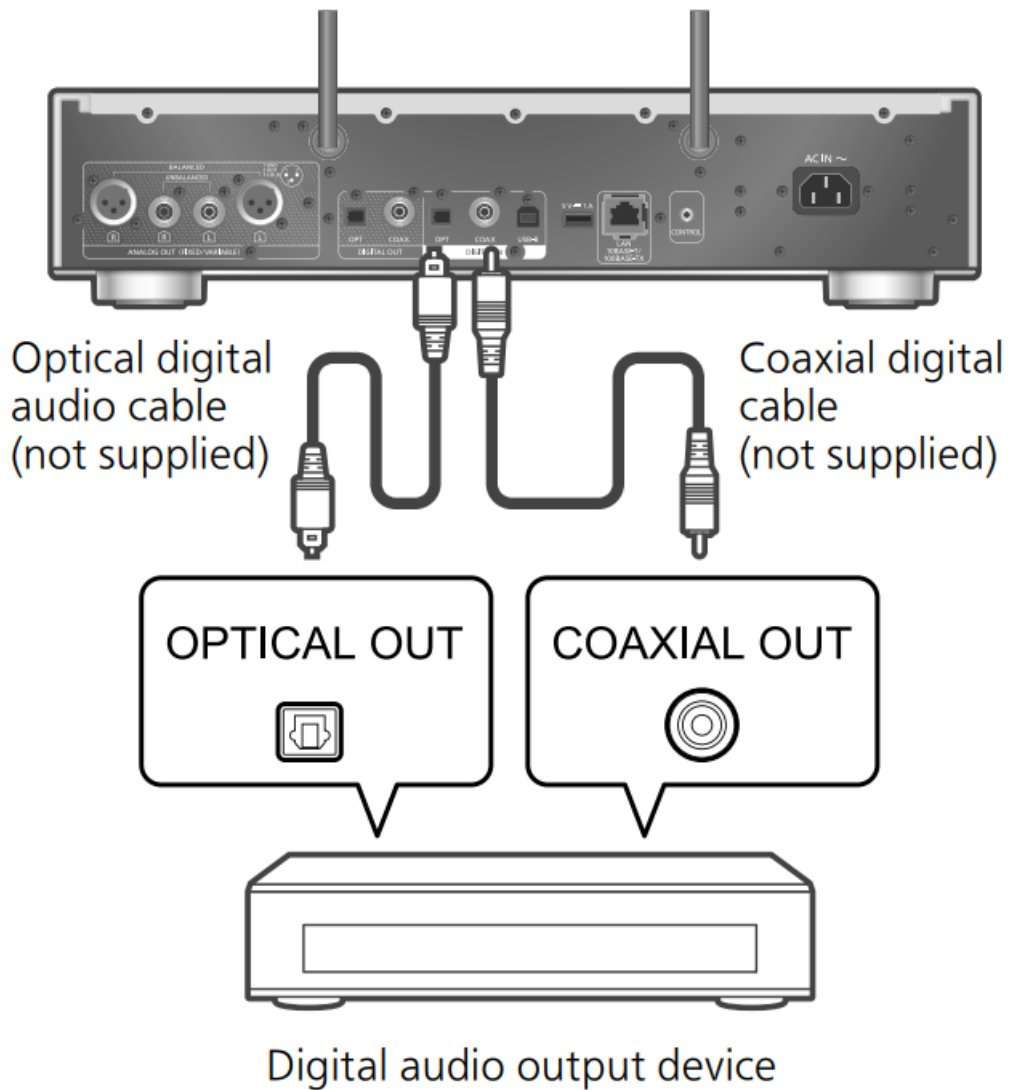
Connecting to an amplifier



*: We recommend using cables with a length of 3 m or less.

- For details, refer to the operating instructions of the connected device.
- Do not use any other analogue audio cables except the supplied one.

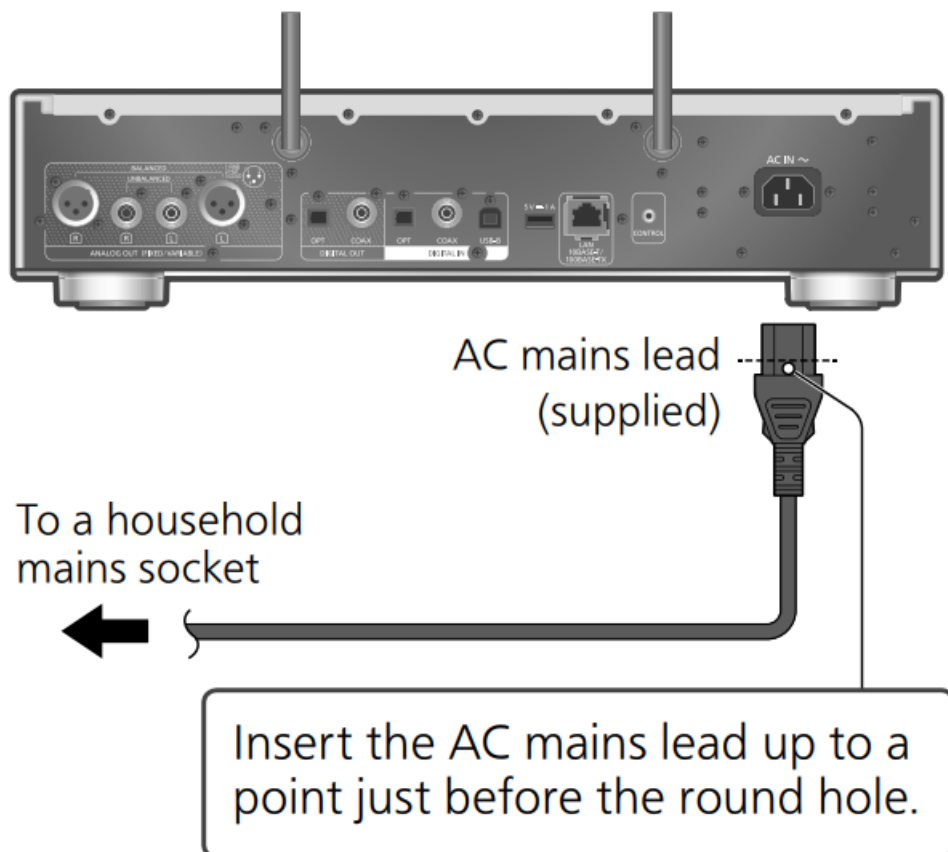
Connecting to a digital audio output device



- Audio signal of Super Audio CD and Super Audio CD layer of Hybrid Super Audio CD cannot be output from the digital audio output terminal of this unit. Connect the device to the analogue audio output terminal.
- When enjoying video contents with this function, the video and audio output may not be synchronised.
- For details, refer to the operating instructions of the connected device.

AC mains lead connection

Connect only after all other connections are completed.



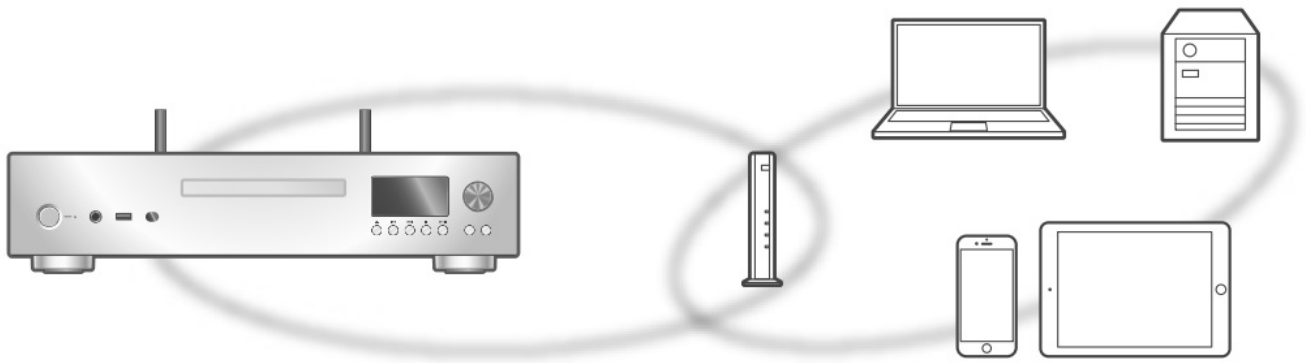
- Use only the supplied AC mains lead.
- Insert the plugs of the cables to be connected all the way in.
- Do not bend cables at sharp angles.
- Wireless LAN (Wi-Fi®) setting may start when this unit is turned on. If you stop the Wi-Fi setting, select “No” in “Wi-Fi Setup” screen. Select “Yes” to keep the Wi-Fi setting. (⇒ 14)
- Press [NWP]/[CD] first to operate this unit.

Note

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

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

- If you try to change the network settings immediately after turning on this unit, it may take some time until the network setup screen is displayed.
- If “Firmware update is available” is displayed after the network connection is set up, the firmware for this unit is available.
 - For the update information, refer to the following website.
www.technics.com/support/firmware/
- In order to fully enjoy all the features the SL- G700M2 has to offer, it has been designed to work with the Google Home app which integrates with your Google account.
- Preparation

If you install the Google Home app or Apple Home app on your smartphone/tablet, you can set up a connection using the application.
- When using Chromecast-enabled apps to play music on this unit, set up a connection using the Google Home 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.

(Using Google Home app)

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

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



<https://www.google.com/cast/setup/>

(Using Apple Home app)

1 Install Apple Home app on your smartphone/tablet.

- To download Apple Home app, visit: <https://www.apple.com/ios/home/>

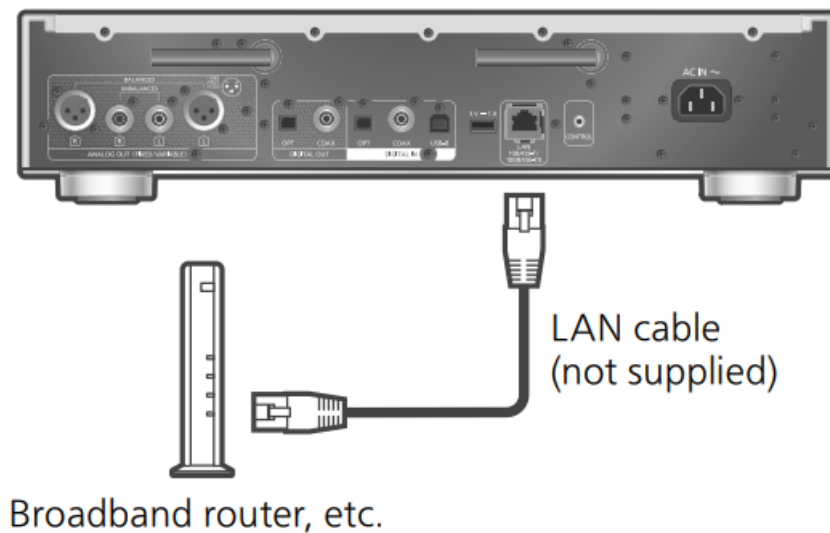





<https://www.apple.com/ios/home/>

2. Connect your smartphone/tablet to the same network as this unit before setting.
 - Make sure that the network is connected to the Internet.

Network settings (Continued)

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. (⇒ 12)
4. Press [NWP ]/[CD ] to turn this unit on.
 - When the connection is established, “” is displayed.
5. Press [>INPUT<] to select “Chromecast built-in”.
(Using Google Home app)
6. Open the Google Home app and follow the on-screen instructions to set up a connection. (⇒ 16)
(Using Apple Home app)
7. Open Apple Home app and follow the on-screen instructions to set up a connection. (⇒ 16)

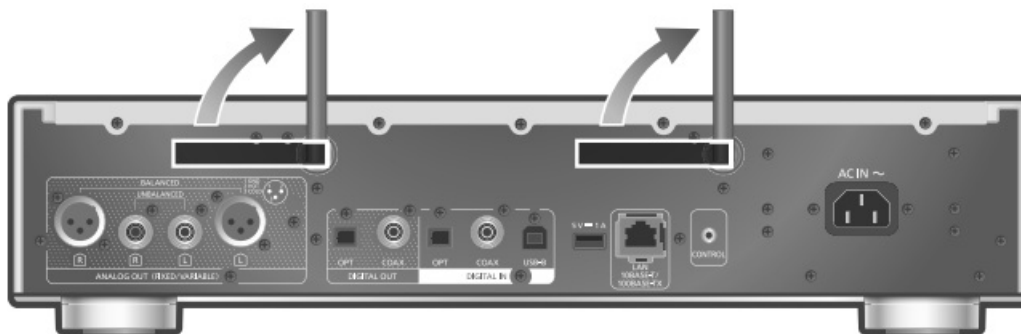
Note

- While the AC mains lead is disconnected, the LAN cable must be connected or disconnected.
- Use category 7 or above straight LAN cables (STP) when connecting to peripheral devices.

- Inserting any cable other than a LAN cable in the LAN port can damage the unit.
- When a LAN cable is connected, the Wi-Fi function may be disabled.



Wireless LAN connection

- Preparation
 - 1 Disconnect the AC mains lead.
 - 2 Disconnect the LAN cable.
 - 3 Place this unit as close to the wireless router as possible.
 - 4 Point up the antenna on the rear of this unit as shown in the figure.







- 5 Connect the AC mains lead to this unit. (⇒ 12)

Note

- The setting will be cancelled after the set time limit. In that case, try the setting again.
- To cancel this setting in the middle, press  or turn the unit to standby mode.
- When the connection is established, “” is displayed. (⇒ 16)

Network setting for the first time using app

1. Press [NWP ]/[CD ] to turn this unit on.
 - “Wi-Fi Setup” is displayed.
2. Press [, ] to select “Yes” and press [OK].
 - “Setting” is displayed.
 - (Using Google Home app)
3. Open the Google Home app and follow the on-screen instructions to set up a connection. (⇒ 16)
 - (Using Apple Home app)
 - 3 Open Apple Home app and follow the on-screen instructions to set up a connection. (⇒ 16)

Note

- This unit will be displayed as “Technics-SL- G700M2-****” if the device name is not set. (“****” stands for


characters unique to each set.)







- You can check your network information (SSID, MAC address and IP address) from the Google Home app or “Technics Audio Center” app.
- Some items on the Google Home app are irrelevant to this unit.
- When this unit is switched to standby mode and turned on before the Wi-Fi setting is complete, “Wi-Fi Setup” is displayed. Complete the Wi-Fi setting or set “Wi-Fi Menu” to “Off” to turn off the display.

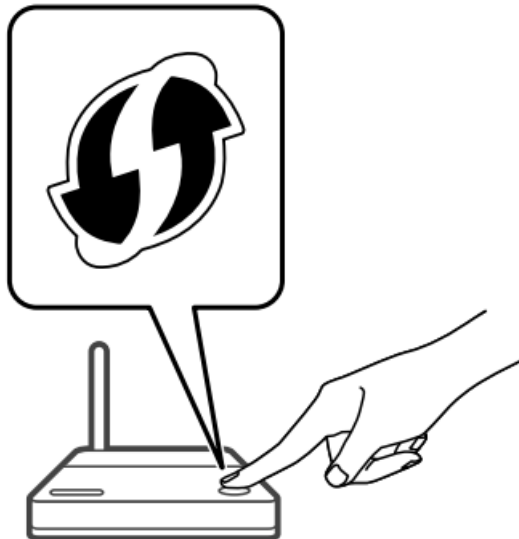
Setting the network from the setup menu (When not using apps with this unit)

■ Using the WPS button “WPS”

If your wireless router supports WPS, you can set up a connection by pressing the WPS button.

- A compatible wireless router may have the WPS identifier mark.
- Complete the settings within 2 minutes while “WPS” is displayed.
- When “Wi-Fi Setup” is displayed when turning on this unit, press  to cancel the network setting and start the setting again.


1. Press [NWP] or [CD].
2. Press [SETUP].
3. Press ,  repeatedly to select “Network” and then press [OK].
 - When “Wi-Fi Menu” screen is displayed, press [OK].
4. Press ,  to select “On” and then press [OK]. (The wireless LAN function is enabled.)
5. Press ,  to select “WPS Push” and then press [OK].
 - “WPS” blinks. Complete step 6 within 2 minutes.
6. After “WPS” is displayed, press the WPS button on the wireless router.









- “Linking” blinks.
 - When the connection is established, “Success” is displayed.
 - “Fail” may be displayed if the connection was not complete. Try this method again from the setup menu. If “Fail” is still displayed, try other methods.
7. Press [OK] to exit the setting.

■ Using the WPS PIN code “WPS PIN”

If your wireless router supports WPS, you can set up a connection by entering the WPS PIN code.







- For details on how to enter the PIN code, refer to the operating instructions of the wireless router.
- Complete the settings within 2 minutes while “WPS PIN” and the PIN code are displayed.
- When “Wi-Fi Setup” is displayed when turning on this unit, press  to cancel the network setting and start the setting again.

1. Press [NWP] or [CD].
2. Press [SETUP].
3. Press ,  repeatedly to select “Network” and then press [OK].
 - When “Wi-Fi Menu” screen is displayed, press [OK].
4. Press ,  to select “On” and then press [OK]. (The wireless LAN function is enabled.)
5. Press ,  to select “WPS PIN” and then press [OK].
 - The PIN code is displayed. Complete step 6 within 2 minutes.
6. Enter the PIN code into the wireless router from PC, etc.
 - “Linking” blinks.
 - When the connection is established, “Success” is displayed.
 - “Fail” may be displayed if the connection was not complete. Try this method again from the setup menu. If “Fail” is still displayed, try other methods.
7. Press [OK] to exit the setting.

Note

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

Setting the network from the setup menu (When using apps with this unit)

1. Press [NWP] or [CD].
2. Press [>INPUT<] to select “Chromecast built-in”.
3. Press [SETUP].
4. Press ,  repeatedly to select “Network” and then press [OK].
 - When “Wi-Fi Menu” screen is displayed, press [OK].
5. Press ,  to select “On” and then press [OK]. (The wireless LAN function is enabled.)
6. Press ,  to select “Wi-Fi Setup” and then press [OK].
 - “Setting” is displayed.
 - (Using Google Home app)
7. Open the Google Home app and follow the on-screen instructions to set up a connection.

(Using Apple Home app)

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

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

1. Open the Google Home app or Apple Home app and follow the on-screen instructions to set up a connection.
 - When the connection is established, “Success” is displayed.
 - “Fail” may be displayed if the connection was not complete. Try this method again from the setup menu. If “Fail” is still displayed, try other methods.
2. Press [OK] to exit the setting.

Note

- This unit will be displayed as “Technics-SL- G700M2-****” if the device name is not set. (“****” stands for characters unique to each set.)
- You can check your network information (SSID, MAC address and IP address) from the Google Home app or “Technics Audio Center” app.
- Some items on the Google Home app are irrelevant to this unit.

Streaming music over the network

This unit is compatible with Chromecast-enabled apps. For detailed information of Chromecast-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. www.technics.com/support/

■ Preparation

- Complete the network settings. (⇒ 13) (Make sure that the network is connected to the Internet.)
- Install the supported application on your device.
- Connect the device to the network currently used at home.
 - 1 Start the Chromecast-enabled app, AirPlay-enabled app or “Technics Audio Center” app on your device (smartphone, tablet, etc.), and select this unit as the output speaker.
 - 2 Play back the music.




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

Important notice:

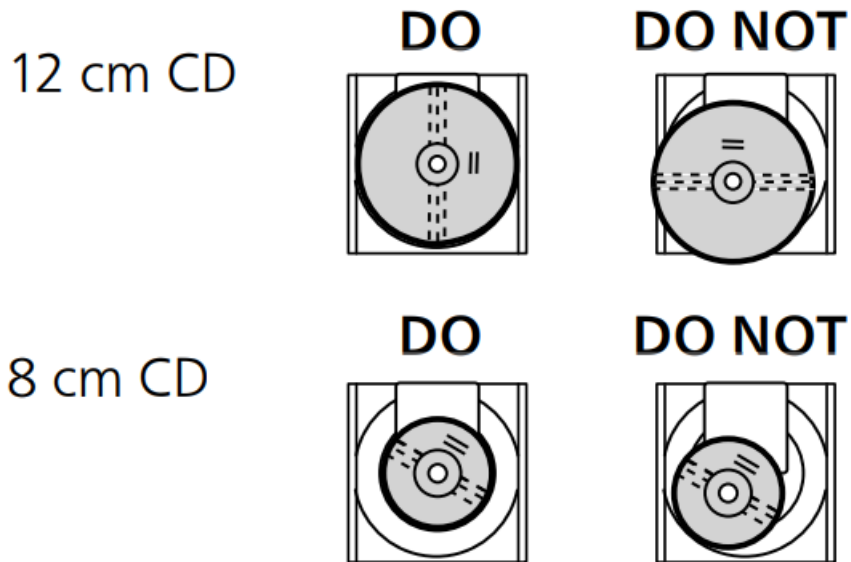
Before you dispose of or transfer this unit to a third party, be sure to log out of your music streaming services accounts to prevent unauthorised use of your accounts.


Playback

Playing back CD/SACD

1. Press [NWP] /[CD]  to turn this unit on.
2. Press  to open the disc tray and insert a CD. Place label up in the proper position in the middle of the

disc tray.



- Press  again to close the disc tray.


3. Press .



Note

- Be careful not to get your finger caught in the disc tray when opening/closing it.

■ Repeat Playback

1 Press [CD].

2 Press .

“1  ”: Only plays the selected track. “  ”:

All tracks are repeated.

■ Random playback

1 Press [CD].

2 Press [RND].

- Press again to cancel.

1 Press [CD].

2 Press [PGM] in the stop mode.

- “Program Mode” screen is displayed.

3 Press the numeric buttons to select tracks.


- Repeat this step to make further selections.

4 Press  to start playback.

- Press [◀] or [▶] in the stop mode to check the programmed order.

- Press [CLEAR] in the stop mode to clear the last track.

- Press [PGM] in the stop mode to cancel the programme mode, and the programme memory will be stored.

- Press  in the stop mode and select “Yes” to cancel the programme mode. (The programme memory will be cleared.)

Note

- The programme memory will be cleared in the

following conditions.

- When turning on/off this unit
- when replacing the CD
- when switching the layer
- The programme mode is cancelled when the random playback is set.

■ Playing back Hybrid Super Audio CDs

Hybrid Super Audio CD discs include a conventional CD layer along with the Super Audio CD layer. Although Super Audio CD layer is preferentially played back, you can select the CD layer or Super Audio CD layer for playback by pressing [CD] while the playback stops.

Note

- The layer cannot be selected on the disc except Hybrid Super Audio CD discs.
- “Super Audio CD” is displayed as an input source while Super Audio CD is played back.

■ Compatible CD



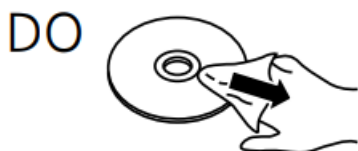
- A disc with the CD Logo.
- This unit can play back discs that conform to the CD-DA format.
- The unit may not be able to play some discs due to the condition of the recording.
- Before playback, finalise the disc on the device it was recorded on.

■ CDs that cannot be used

- CDs with irregular shapes, such as heart shapes
(Use of such CDs may cause malfunction.)
- CDs that are not guaranteed to operate with this unit
- Discs with illegally copied data and those that do not conform to industry standards
- DualDiscs (Discs that record data such as music and images on both sides)
- Disc formats supported by this unit

Super Audio CD (SACD)	Support (2-channel only)
Commercially available CDs (CD-DA)	Support
CD-R/CD-RW (CD-DA)	Support

- This unit’s lens
Use the lens cleaner (not supplied) to clean the unit’s lens.
- Clean discs



Wipe with a damp cloth and then wipe dry with a dry cloth.

Playback (Continued)

■ Disc handling precautions

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

Incorrect display or play does not start.

- Make sure that the disc is compatible with this unit.
 - There is moisture on the lens. Wait for about an hour and then try again.
 - Unfinalised CD-R and CD-RW cannot be played back.
- Playback takes time to start.
- It may take some time for the disc to load if there are a lot of tracks on it.

Pure Disc Playback

By disabling the network functions, etc. this unit operates exclusively for the playback of CD/SACD for the higher quality sound.

Press [CD] for 5 seconds or longer.

- A confirmation screen appears.
 - 1 Press [OK].
 - 2 Press [▲], [▼] to select “Yes” and then 3 press [OK].

Note

- This unit is not displayed as the output speakers on “Technics Audio Center” app, etc. after setting.
- Press [CD] again for 5 seconds or longer to cancel and return to the normal mode.
- Playback of the online music streaming services, music files from network devices, etc. cannot be available while “Pure Disc Playback” is enabled.
- The display is turned off by dimmer function after setting “Pure Disc Playback” to “On”. Press [DIMMER] repeatedly to switch the brightness. (⇒ 11)

Playing back music stored on the USB device

1. Connect a USB device to the USB-A terminal
(USB-A Front/USB-A Rear) on the front/rear of this unit. (⇒ 09, 10)
2. Press [NWP] or [CD].
3. Press [>INPUT<] repeatedly to select "USB-A Front"/"USB-A Rear".
4. Press [▲], [▼] to select an item and then press [OK].
 - Repeat this step to make further selections.
 - Press [RETURN] to return to the previous folder.
 - Random/repeat playback can be set. (⇒ 17)

Using Bluetooth®

You can listen to the sound from the Bluetooth® audio device from this unit wirelessly.

■ Pairing a Bluetooth® device

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

1. Press [NWP] or [CD].
2. Press [>INPUT<] repeatedly to select "Bluetooth".
 - When "Pairing" is indicated on the display, proceed to step 6.
3. Press [MENU].
4. Press [▲], [▼] repeatedly to select "Pairing" and then press [OK].
5. Press [▲], [▼] to select "Yes" and then press [OK].
 - "Pairing" is displayed, and this unit waits for registering.
 - Select "Technics-SL-G700M2-****" from the Bluetooth® device's menu.
 - If the device name is set on the Google Home app, the set name is displayed.

Decoding MQA source

This unit includes the MQA (Master Quality Authenticated) technology, which enables playback of MQA audio files and streams, delivering the sound of the original master recording. For details, refer to "Operating Instructions".

To deliver the master quality audio of an MQA source, MQA decoding function needs to be set to "On". Switch the MQA decoding function to "On" or "Off" in the following steps.

- The default setting is "On".
1. Press [MQA].
 - "MQA Decoding : On" is displayed and the MQA decoding function is set to "On". (Press again to set the function to "Off".)
 2. Play back the MQA source.
 - When only using the analogue audio, set "Digital Output" to "Off" for better sound quality of MQA content playback.



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“DSD” is a registered trademark.

SBM Direct is a registered trademark.

FLAC Decoder

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Specifications

- GENERAL

Power supply	AC 220 V to 240 V, 50/60 Hz
Power consumption	45 W
Power consumption in standby mode (Network Standby Off)	0.3 W
Power consumption in standby mode (Network Standby On*1)	2.0 W
Dimensions (W×H×D)	430 mm × 98 mm × 407 mm
Mass	Approx. 12.3 kg
Operating temperature range	5 °C to 35 °C
Operating humidity range	35% to 80% RH (no condensation)

*1: Wired LAN or Wireless LAN

- ANALOG OUTPUT SECTION

Channel	2 ch
Output level	
BALANCED	2.2 Vrms (Super Audio CD) / 2.2 Vrms (CD)
UNBALANCED	2.2 Vrms (Super Audio CD) / 2.2 Vrms (CD)
Frequency response	
Super Audio CD	2 Hz to 50 kHz (-3 dB)
CD	2 Hz to 20 kHz (-3 dB)
THD+N	
Super Audio CD	0.0006% (1 kHz, 0 dB)
CD	0.0015% (1 kHz, 0 dB)
S/N (IHF-A)	
Super Audio CD	BALANCED: 121 dB UNBALANCED: 118 dB
CD	BALANCED: 121 dB UNBALANCED: 118 dB
Dynamic range (IHF-A)	
Super Audio CD	BALANCED: 110 dB UNBALANCED: 110 dB
CD	BALANCED: 98 dB UNBALANCED: 98 dB

- DISC SECTION

Disc played (8 cm or 12 cm)	Super Audio CD (2ch area only), CD, CD-R, CD-RW
Pick up	

Wavelength	650 nm (Super Audio CD), 790 nm (CD)
Laser power	CLASS 1
Audio Output (Disc)	2ch (FL, FR)
Format	Super Audio CD, CD-DA

- Bluetooth® SECTION

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

*2: Prospective communication distance

Measurement environment:

Temperature 25 °C/Height 1.0 m Measure in “Mode 1”

- TERMINALS SECTION

Headphones Jack	Stereo, f6.3 mm 110 mW, 32 W (VOL MAX)
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USB (Front/Rear)	Type A Connector USB 2.0 High Speed DC 5 V 500 mA (Front) DC 5 V 1 A (Rear) USB Mass Storage Class
File system	FAT16, FAT32, NTFS
USB-B (PC)	Rear, Type B Connector
Ethernet interface	LAN (100BASE-TX/10BASE-T)
Digital Input	
Optical digital input	Optical terminal
Coaxial digital input	Pin jack
Format support	LPCM
Analog output	
BALANCED	3 pin XLR
UNBALANCED	Pin jack
Digital output	
Optical digital output	Optical terminal

Coaxial digital output	Pin jack
Format support	LPCM
System port	
System control	3.5 mm, Jack

- **FORMAT SECTION**

- USB-A**

USB Standard	USB 2.0 high-speed USB Mass Storage class
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- USB-B**

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

- **Wi-Fi SECTION**

Standard	IEEE802.11a/b/g/n/ac
Frequency band	2.4 GHz band 5 GHz band
Security	WPA2™
WPS version	Version 2.0

- The WLAN feature of this product shall exclusively be used inside buildings.
- 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.
- Some of the connected devices or servers may be capable of converting files in formats not supported by this unit and output them. For details, refer to the operating instructions for your devices or servers.
- File information (sampling frequency, etc.) shown by this unit and playback software may differ from each other.
- 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.

	Extension	Sampling frequency	Bit rate/ Number of quantisation bits	USB-A	USB-B	LAN (DMP/ DMR)* ₃
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		√	√	√
PCM		32/44.1/48/88.2/96/ 176.4/192/ 352.8/384 kHz	16/24/32 bit		√	

*3: 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.


















Importer for UK:

Panasonic UK, a branch of
Panasonic Marketing Europe GmbH
Maxis 2, Western Road, Bracknell, Berkshire, RG12 1RT
Headquarter Address:
Panasonic Corporation
1006 Oaza Kadoma, Kadoma City, Osaka 571-8501, Japan
Authorized Representative in Europe:
Panasonic Marketing Europe GmbH
Panasonic Testing Centre
Winsbergring 15, 22525 Hamburg, Germany
Panasonic Corporation
Web Site: <http://www.panasonic.com>
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TQBM0847
M0922YY0

Documents / Resources

 <p>Technics SL-G700M2 Netzwerk-Super Audio CD-Player Technics SL-G700M2 ist ein hochwertiges Netzwerk-Super Audio CD-Player, das die besten Klangqualitäten bietet. Es ist mit einem hochwertigen DAC und einem Netzwerk-Interface ausgestattet, das die Verbindung mit einem Netzwerk ermöglicht. Es ist auch mit einem Fernbedienung und einem Display ausgestattet.</p>	<p>Technics SL-G700M2 Network/Super Audio CD Player [pdf] User Manual SL-G700M2 Network Super Audio CD Player, SL-G700M2, Network Super Audio CD Player, Audio CD Player</p>
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References

-  [Panasonic](#)
-  [Panasonic](#)
-  [Audio | Digital AV | Support | Panasonic Global](#)
-  [Third Party Licenses | Spotify for Developers](#)
-  [Adobe - Download Adobe Acrobat Reader DC](#)
-  [Panasonic North America | Technologies that Move Us](#)
-  [Panasonic Testing Centre](#)
-  [Page not found - Spotify](#)
-  [Technics Audio USA](#)
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-  [Operating Instructions | Downloads | Technics](#)
-  [Firmware Update | Technics](#)
-  [Home app - Apple](#)
-  [ear-system.de/ear-verzeichnis/sammel-und-ruecknahmestellen](#)
-  [Panasonic Testing Centre](#)
-  [Panasonic Testing Centre](#)
-  [Spotify - Web Player: Music for everyone](#)