

# Technics®



## Owner's Manual

### Network/ Super Audio CD Player

# SL-G700M2

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, reading "Michiko Ogawa". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

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.

If you have any questions, visit:

<https://shop.panasonic.com/support>

Register online at

<https://shop.panasonic.com/support>

(U.S. customers only)

# Features

## Advanced Digital High Quality Audio Technology and Design Know-how

Equipped with a D/A conversion system that realizes ideal characteristics of analog audio output amplitude and phase using digital technologies, and with a power source that minimizes noise in three-stage configuration combined with a high-speed switching power source and noise elimination circuit. Combining the high precision D/A conversion system created by our proprietary technology with the low noise power source achieves dynamic sound while reproducing intimate information in audio source precisely.

## Support for a Variety of Digital Audio Media

Compatible with a variety of digital inputs including USB-B.

You can enjoy a wide range of digital audio media with high quality from SACDs (Super Audio CDs) to high-resolution audio and streaming services.

MQA<sup>®</sup> codec is also supported. Switch ON/OFF according to your preference.

## High Quality Design Finished with High Rigidity Chassis, High Grade Materials, and High Build Quality

A chassis divided into four sections with reduced mutual interference between independent substrates and enhanced rigidity is employed, which includes a three-layered drive mechanism mount structure that minimizes vibration transmitted to outside, and a disc tray made of aluminium die cast. In addition, a high grade design is adopted for finishing, such as a front aluminium panel with hairline machining performed in 7 mm ( $\frac{9}{32}$ "") thickness and a spin-processed knob.

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Please carefully read the "IMPORTANT SAFETY INSTRUCTIONS" of this manual before use.

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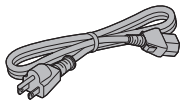
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Troubleshooting, Specifications, etc.

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# Accessories

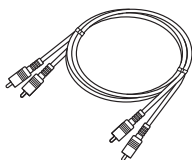
AC power supply cord (1)  
K2CG3YY00191



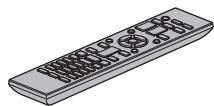
System connection cable (1)  
K2KYYYY00233



Analog audio cable (1)  
K4EY4YY00003



Remote control (1)  
N2QAYA000240



Batteries for remote control (2)



- Product numbers provided in these operating instructions are correct as of October 2022.
- These may be subject to change.
- Do not use AC power supply cord with other equipment.

# Read first

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# IMPORTANT SAFETY INSTRUCTIONS

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Read these operating instructions carefully before using the unit. Follow the safety instructions on the unit and the applicable safety instructions listed below. Keep these operating instructions handy for future reference.

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.





## 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 power supply cord

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

## Caution

### Unit

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



### Placement

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

### 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.

	<b>CAUTION</b> <b>RISK OF ELECTRIC SHOCK</b> <b>DO NOT OPEN</b>	
<b>CAUTION:</b>	<p>TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE SCREWS.</p> <p>NO USER-SERVICEABLE PARTS INSIDE.</p> <p>REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Conforms to UL STD 62368-1.  
Certified to CAN/CSA STD C22.2 No.62368-1.

**THE FOLLOWING APPLIES ONLY IN CANADA.**  
CAN ICES-3(B)/NMB-3(B)

**THIS FOLLOWING APPLIES IN THE U.S.A. AND CANADA.**

This device complies with part 15 of FCC Rules and Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC ID: ACJ-SL-G700M2

IC: 216A-SLG700M2

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the ISED radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20 cm (7 7/8") or more away from person's body.

For indoor use only

**THE FOLLOWING APPLIES ONLY IN THE U.S.A.**

**FCC Note:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, follow the attached installation instructions and use only shielded interface cables when connecting to peripheral devices.

Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

**Supplier's Declaration of Conformity**

Trade Name: Technics

Model No.: SL-G700M2

Responsible Party: Panasonic Corporation of North America  
Two Riverfront Plaza, Newark, NJ 07102-5490

Support Contact: <http://shop.panasonic.com/support>



## Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union.

If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

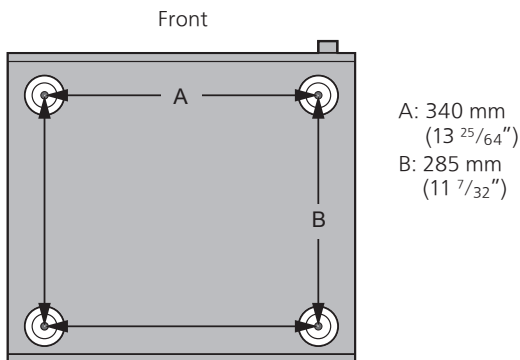
<b>CAUTION</b>	- VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21CFR / CLASS II (IIa)
<b>CAUTION</b>	- CLASS 2 VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO THE BEAM. IEC60825-1:2007 / CLASS 2
<b>ATTENTION</b>	- RAYONNEMENT LASER VISIBLE ET INVISIBLE, CLASSE 2, EN CAS D'OUVERTURE. NE PAS REGARDER DANS LE FAISCEAU.
<b>WARNING</b>	- KLASS 2 SYNLIIG OCH OSYNLIIG LASERSTRÄLNING NÄR DENNA DEL ÄR ÖPPNAD. STIRRA EJ IN I STRÄLEN.
<b>FORSIGTIG</b>	- SYNLIIG OG USYNLIIG LASERSTRÄLNING KLASSE 2, NÄR LÄGET ER ÅBENT. UNDGÅ AT SE LIGE IND I STRÄLEN.
<b>VARO</b>	- AVATTAESSA OLET ALTTIINA LUOKAN 2 NÄKYVÄÄ JA NÄKYMÄTÖNTÄ LASERSÄTEILYÄ. ÄLÄ TUUJOTA SÄTEESEEN.
<b>VORSICHT</b>	- SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG KLASSE 2, WENN ABDECKUNG GEÖFFNET. NICHT IN DEN STRAHL BLICKEN.
<b>注意</b>	- ここを開くとクラス2の可視及び不可視レーザー放射が出ます。ビームをのぞき込まないでください。 TQFX0089

(Inside of product)

## Installation

### 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. (⇒ 127)
- For the dimensions of this unit (⇒ 127)
- Refer to the following figure for the dimensions of this unit's legs.



### Unit care

Pull out the AC power supply cord 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/](http://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.

- Refer to “Firmware updates” (⇒ 98) for details on update.

## To restore all the settings to the factory defaults

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

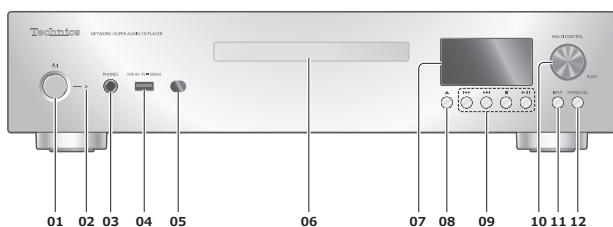
# Control reference guide

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## This unit (front)



### 01 [⏻/⏻] 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.

### 02 Power indicator

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

### 03 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.

### 04 USB-A terminal (USB-A Front) (For AV) (DC 5 V $\equiv$ 500 mA)

(⇒ 47)

### 05 Remote control signal sensor

- Reception distance:  
Within approx. 7 m (23 ft) directly in front
- Reception angle:  
Approx. 30° left and right

### 06 Disc tray

(⇒ 42)

### 07 Display

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

### 08 [▲] Open or close the disc tray

### 09 Playback operation buttons

(e.g. "CD")

Stop	[■]
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 enter the setup screen, press and hold the knob. (Press knob to set an item on the screen.)

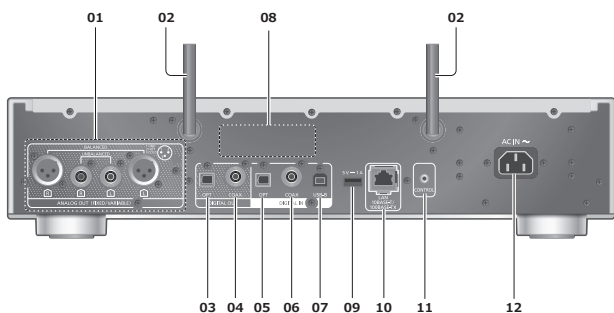
## 11 Input selector button

- Switch the input source.

## 12 Headphone volume button

- Headphone volume is displayed.
  - Volume can be adjusted with the multi control knob while displaying. (The volume buttons of remote control are not available for adjusting the headphone volume.)
  - Press and hold the headphone volume button while displaying to keep the headphone volume adjusting screen displaying. Press again to exit.
- Volume range:
  - dB (min), -99.0 dB to 0 dB (max)
- Set "PHONES VOL Limitation" to "On" so that the headphones output is automatically lowered if the volume is extremely high when turning this unit or starting playback. (⇒ 94)
- Press 2 times to display the analog output level screen to adjust while "A.Output Level" is set to "Variable". (⇒ 93)
  - Press and hold the headphone volume button while the output level is displayed to keep the screen displaying. Press again to exit.

## This unit (rear)



**01 Analog audio output terminals (ANALOG OUT)**

(⇒ 26)

**02 Wireless LAN antenna**

(⇒ 32)

**03 Optical digital output terminal (OPT)**

(⇒ 27)

**04 Coaxial digital output terminal (COAX)**

(⇒ 27)

**05 Optical digital input terminal (OPT)**

(⇒ 51)

**06 Coaxial digital input terminal (COAX)**

(⇒ 51)

**07 USB-B terminal (USB-B)**

(⇒ 53)

- For connecting to a PC, etc.

**08 Product identification marking**

- The model number is indicated.

**09 USB-A terminal (USB-A Rear)**

**(DC 5 V  $\equiv$  1 A)**

(⇒ 48)

**10 LAN terminal**

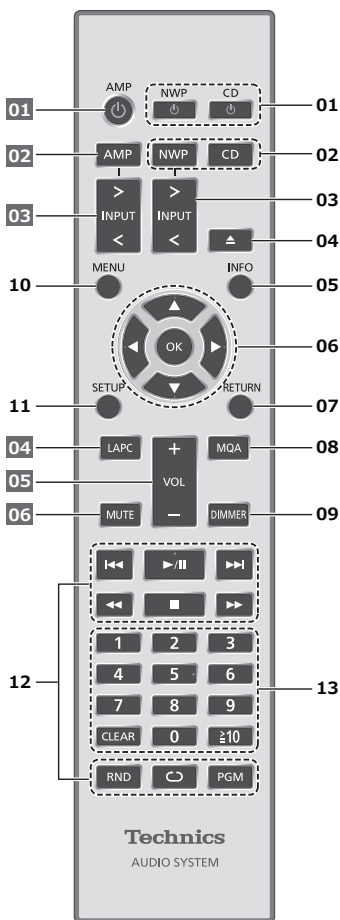
(⇒ 31)

**11 System terminal (CONTROL)**

(⇒ 105)

**12 AC IN terminal (~)**

(⇒ 28)



### ■ Buttons that work for this unit

#### 01 [NWP - 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 selector (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. (⇒ 45)

#### 03 [>INPUT<]: Switch the input source

#### 04 [ 20

**05 [INFO]: View content information\*1**

- The sound setting information is displayed such as MQA Decoding, etc. by pressing and holding [INFO].

**06 [▲], [▼], [◀], [▶]/[OK]: Selection/OK\*1**

**07 [RETURN]: Return to the previous display\*1**

**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.**

- When the display is turned off, it will light up for a few seconds only when you operate this unit. Before the display turns off, "Display Off" will be displayed for a few seconds.
- Press repeatedly to switch the brightness.

**10 [MENU]: Enter menu\*1**

**11 [SETUP]: Enter setup menu\*1**

(⇒ 91)

**12 Playback control buttons**

(⇒ 43, 48, 57, 61, 65, 72, 76, 80, 83, 88)

- You can register station, music or playlist to your favorites (FAV) by pressing and holding [PGM]. (⇒ 103)

**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.

\*1: Press [NWP] first to operate this unit. (The remote control works only for the devices supporting system control function when pressing [AMP].)

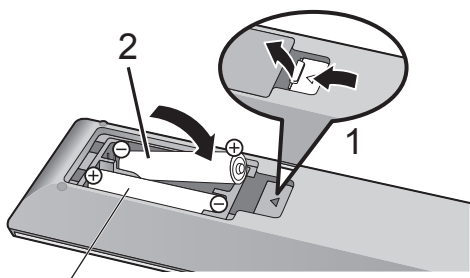
## ■ Buttons that work for the connected Technics devices

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.

- 01 [  ] Standby/on button
- 02 Select the device to be operated
- 03 Switch the input source
- 04 Measure the output signal when speakers are connected, and correct its output
- 05 Adjust the volume\*<sup>2</sup>
- 06 Mute the sound\*<sup>2</sup>

\*2: Also works while "A.Output Level" is set to "Variable". (⇒ 93)

## 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. ( $\Rightarrow$  17)
- 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 [NWP].**

**2 Press [SETUP].**

**3 Press [ $\blacktriangle$ ], [ $\blacktriangledown$ ] to select "Remote Control" and then press [OK].**

- The current remote control mode of this unit is displayed.

**4 When "Set Mode 1/2" is displayed, change the remote control mode of the remote control.**

To set "Mode 1":

Press and hold [OK] and [1] for at least 4 seconds.

To set "Mode 2":

Press and hold [OK] and [2] for at least 4 seconds.

**5 Point the remote control at this unit, and press and hold [OK] for at least 4 seconds.**

- When the remote control mode is changed, the new mode will appear on the display for a few seconds.

■ **When “Remote 1” or “Remote 2” is displayed**

When “Remote 1” or “Remote 2” is displayed, the remote control modes of this unit and remote control are different. Perform step 4 above.



# Connections

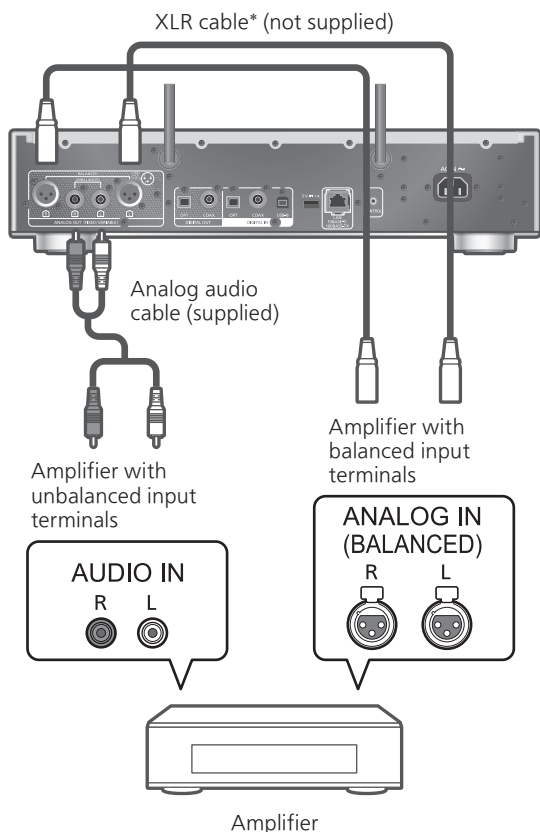
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## Connecting to an amplifier

You can output analog audio signals from this unit and play back music.

### Connecting to an amplifier



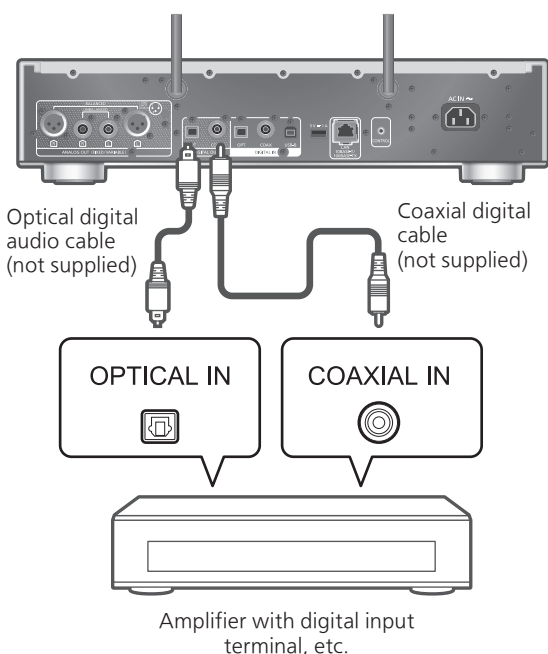
\*: We recommend using cables with a length of 3 m (10 ft) or less.

- For details, refer to the operating instructions of the connected device.
- Do not use any other analog audio cables except the supplied one.
- When you connect a power amplifier, etc., set "A.Output Level" to "Variable" for volume control with this unit. When you connect a pre-amplifier, etc., set "A.Output Level" to "Fixed" for volume control with the connected device. (⇒ 93)
  - The factory default is "Fixed".

# Connecting to an amplifier with digital input terminal

You can output digital audio signals from this unit by connecting to an amplifier with digital input terminal, etc. and play back music.

## Connecting to an amplifier with digital input terminal



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

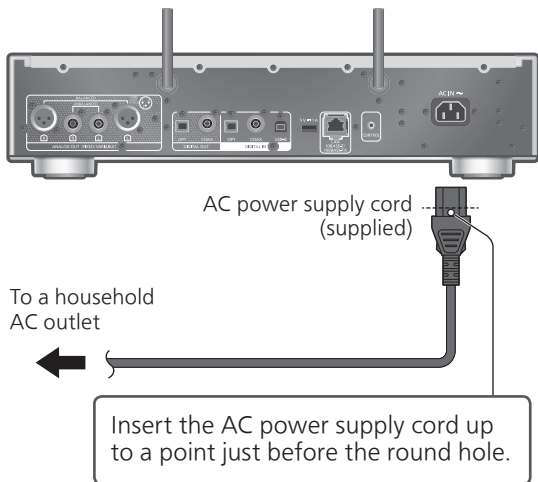
### Note

- 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 analog audio output terminal.
- When enjoying video contents with this function, the video and audio output may not be synchronized.

## AC power supply cord

### AC power supply cord connection

**Connect only after all other connections are completed.**



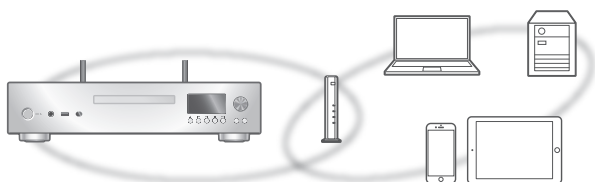
- Use only the supplied AC power supply cord.
- Insert the plugs of the cables to be connected all the way in.
- Do not bend cables at sharp angles.
- Wireless LAN (Wi-Fi®) setting may start when this unit is turned on. If you stop the Wi-Fi setting, select "No" in "Wi-Fi Setup" screen. Select "Yes" to keep the Wi-Fi setting. (⇒ 32)
- Press [NWP] first to operate this unit.

#### Note

- This unit consumes a small amount of AC power (⇒ 127) 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.
  - Refer to “Firmware updates” (⇒ 98) for details on update.
  - For the update information, refer to the following website.  
[www.technics.com/support/firmware/](http://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.
- 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.

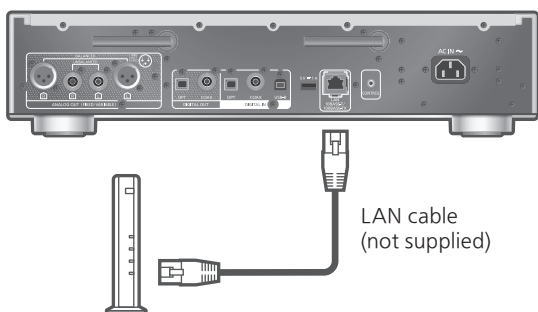
### 1 Install the “Technics Audio Center” app on your smartphone/tablet. (⇒ 14)





### 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



Broadband router, etc.

- 1 Disconnect the AC power supply cord.**
- 2 Connect this unit to a broadband router, etc. using a LAN cable.**
- 3 Connect the AC power supply cord to this unit. (⇒ 28)**
- 4 Press [NWP ] to turn this unit on.**
  - When the connection is established, “” is displayed.
- 5 Press [>INPUT<] to select “Google Cast”.**
- 6 Open the “Technics Audio Center” app and follow the on-screen instructions to set up a connection.**

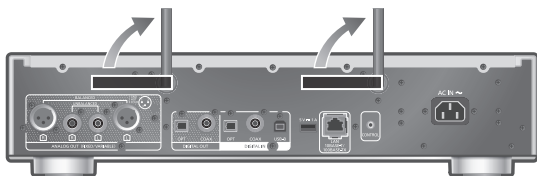
### Note

- While the AC power supply cord 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 power supply cord.
- 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.




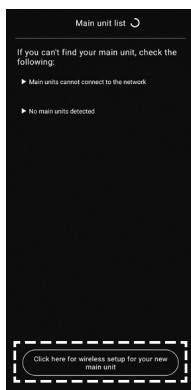
- ⑤ Connect the AC power supply cord to this unit. (⇒ 28)

### 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.

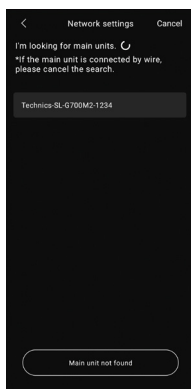
## Wireless setup for the first time using app

- 1 Press [NWP ] to turn this unit on.**
  - “Wi-Fi Setup” is displayed.
- 2 Press [▲], [▼] to select “Yes” and press [OK].**
  - “Setting” is displayed.
- 3 Open the “Technics Audio Center” app.**
- 4 Select “Click here for wireless setup for your new main unit”.**





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



### 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 “Technics Audio Center” app.
- 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)

- To stream music files with this unit using Google Cast-enabled apps (⇒ 36), set up the network setting using “Technics Audio Center” app. (⇒ 35)

### ■ 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].**

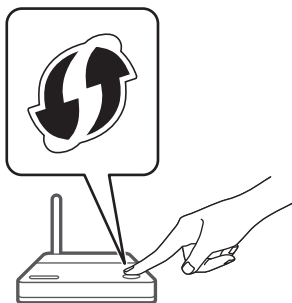
**2 Press [SETUP].**

**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.

Example:



- "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].

#### 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.

When resetting the wireless setup.

**1 Press [NWP].**

**2 Press [>INPUT<] to select “Google Cast”.**

**3 Press [SETUP].**

**4 Press [▲], [▼] repeatedly to select “Network” and then press [OK].**

- When “Wi-Fi Menu” screen is displayed, press [OK].

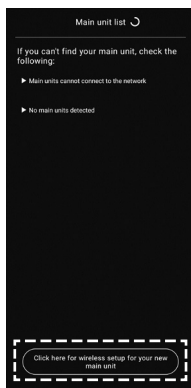
**5 Press [▲], [▼] to select “On” and then press [OK]. (The wireless LAN function is enabled.)**

**6 Press [▲], [▼] to select “Wi-Fi Setup” and then press [OK].**

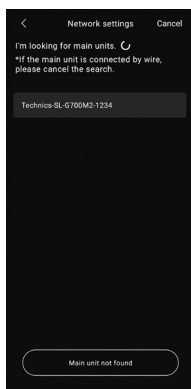
- “Setting” is displayed.

**7 Open the “Technics Audio Center” app.**

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



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



### 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 “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](http://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/](http://www.technics.com/support/)

### ■ Preparation

- Complete the network settings. (⇒ 29)  
(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 (⇒ 87) or “Technics Audio Center” app on your device (smartphone, tablet, etc.), and select this unit as the output speaker.

## 2 Play back the music.

### Note

- You cannot use Google Cast app with this unit when the network setting is set up by “WPS PIN” or “WPS Push”. To stream music files with this unit using Google Cast-enabled apps (⇒ 36), set up the network setting using “Technics Audio Center” app. (⇒ 35)

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 unauthorized use of your accounts.

## This unit's name on the network "Friendly Name"

You can change this unit's name on the network (e.g. "Room 1" or "Living Room" etc.).

- 1 Press [NWP].
- 2 Press [SETUP].
- 3 Press [▲], [▼] repeatedly to select "Network" and then press [OK].
- 4 Press [▲], [▼] repeatedly to select "Friendly Name" and then press [OK].
  - The current name of this unit is displayed. Press [OK] to edit.
- 5 Press [▲], [▼], [◀], [▶] to input the friendly name.
  - Only ASCII characters can be used.
  - "A" can be added when you press the [▶] at the time of the last letter of the Friendly Name is selected.
  - Press [CLEAR] to delete a letter.
  - Press [≥10] to insert a letter "A".
  - Default name is "Technics-SL-G700M2-\*\*\*\*\*". "\*\*\*\*\*" stands for a number that is unique to each set.
- 6 Press [OK] to apply the settings.
- 7 Press [RETURN] to exit the settings.
  - When Friendly Name is not displayed properly, delete and input the friendly name again. If the problem still persists, restore all the settings to the factory defaults. (⇒ 109)

## To check the MAC address of this unit "MAC Address"

- 1 Press [NWP].
- 2 Press [SETUP].
- 3 Press [▲], [▼] repeatedly to select "Network" and then press [OK].
- 4 Press [▲], [▼] repeatedly to select "MAC Address" and then press [OK].
  - The MAC address of this unit is displayed.
- 5 Press [RETURN] to exit the screen.


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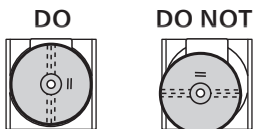
## Playing back CD/Super Audio CD

Insert the CD for music playback.

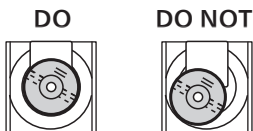
- Refer to “Notes on discs” (⇒ 121) for the discs this unit can play back.



- 1 Press [NWP ]/[CD ] to turn this unit on.
- 2 Press [ >INPUT< ] repeatedly to select “CD”.
- 3 Press [] to open the disc tray and insert a CD.
  - Place label up in the proper position in the middle of the disc tray.

12 cm (5") CD



8 cm (3") CD



- This unit turns on and input source is switched to “CD” by pressing [] while this unit is turned off.
- Press [] again to close the disc tray.

### 4 Press [].

- 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.

#### Note

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

## Operations during playback

<b>Stop</b>	[■]
<b>Pause</b>	[▶/  ] • Press again to resume.
<b>Skip</b>	[◀◀] [▶▶]
<b>Search</b>	[◀◀] [▶▶] • Searches only in the track.
<b>View available information</b>	[INFO] • Press repeatedly to switch the information.

## Repeat playback

**1 Press [NWP].**

**2 Press [↺].**

“1↺”:

Only plays the selected track.

“↺”:

All tracks are repeated.

- Setting contents are stored even when the input source is switched.

## Random playback

**1 Press [NWP].**

**2 Press [RND].**

- Press again to cancel.
- “RND” is displayed.
- Setting contents are stored even when the input source is switched.

## Program playback

- 1 Press [NWP].
- 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 [▶/II] to start playback.
  - “PGM” is displayed.

Stop	Press [■]. <ul style="list-style-type: none"><li>• Programed contents are stored.</li></ul>
Check the programed order	Press [◀] or [▶] in the stop mode.
Add tracks	Do step 3 in the stop mode.
Clear the last track	Press [CLEAR] in the stop mode. <ul style="list-style-type: none"><li>• You cannot select and clear a desired programed track.</li></ul>

- Press [PGM] in the stop mode to cancel the program mode, and the program memory will be stored.
- To cancel the program mode (The program memory will be cleared.)
  - ① Press [■] in the stop mode.
  - ② Press [▲], [▼] to select “Yes” and then press [OK].

### Note

- The program memory will be cleared in the following conditions.
  - When this unit is turned off and on
  - When opening the disc tray
  - when switching the layer
- The program 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

- 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 analog audio output terminal.
- 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.

## Pure Disc Playback

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

- The factory default is “Off”.

### 1 Press [CD] for 5 seconds or longer.

- A confirmation screen appears.

### 2 Press [OK].

### 3 Press [▲], [▼] to select “Yes” and then press [OK].

- Playback of the online music streaming services, music files from network devices, etc. cannot be available while “Pure Disc Playback” is enabled.
- You can also set “Pure Disc Playback” to “On” from the setup menu.

① Press [NWP].

② Press [SETUP].

③ Press [▲], [▼] repeatedly to select “Pure Disc Playback” and then press [OK].

④ Press [▲], [▼] to select “On” and then press [OK].

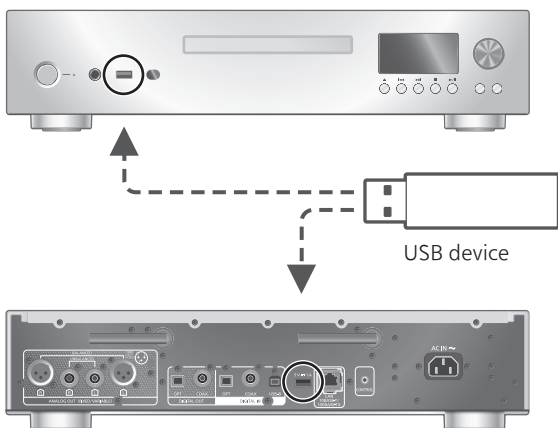
**Note**

- 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.  
(⇒ 21)

## Using USB device

You can connect a USB device to the unit and play back music stored on the USB device.

- Refer to “USB” (⇒ 122) for information about the USB device this unit can play back.



- 1 Connect a USB device to the USB-A terminal (USB-A Front/USB-A Rear) on the front/rear of this unit.**
- 2 Press [NWP].**
- 3 Press [>INPUT<] repeatedly to select “USB-A Front”/“USB-A Rear”.**
  - You can also select the input source by turning the multi control knob after pressing [INPUT] on the unit.
  - The folder/content selection screen will be displayed.
- 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.

## Using a USB HDD

When using a USB HDD with this unit, connect a USB HDD to the USB-A terminal (USB-A Rear) on the rear of this unit and switch the input source to "USB-A Rear".

### Note

- Do not connect a USB HDD to the USB-A terminal (USB-A Front) on the front of this unit.

## Operations during playback

Stop	[■]
Pause	[▶/  ] • Press again to resume.
Skip	[◀◀] [▶▶]
Search	[◀◀] [▶▶]
View available information	[INFO] • Press repeatedly to switch the information.

- This operation may not be available for some formats.

## Repeat playback

1 Press [NWP].

2 Press [↺].

"1↺":

Only plays the selected track.

"↺":

All tracks are repeated.

- Setting contents are stored even when the input source is switched.



## Random playback

**1 Press [NWP].**

**2 Press [RND].**

- Press again to cancel.
- "RND" is displayed.
- During random playback, you may not skip to the previous track.
- During random playback, tracks may be played more than once.
- Setting contents are stored even when the input source is switched.

## Add a track to playlist

You can add your favorite track to playlist.

**1 Press [NWP].**

**2 Press [▲], [▼] to select a track to add.**

**3 Press [MENU].**

**4 Press [OK].**

- "Added" is displayed after adding.
- You can add up to 1000 tracks to playlist.
- The playlist can be registered and set for each input source of "USB-A Front" and "USB-A Rear".

### Note

- The playlist cannot be played back properly with the other USB device except the registered one. When the content of USB device is changed or another USB device is connected, delete all tracks and add them again.
- The setting is deleted when AC power supply cord is disconnected. It may also be deleted when this unit is turned off while "Standby Mode" is set to "Off".

## Calling up the playlist

**1 Press [NWP].**

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

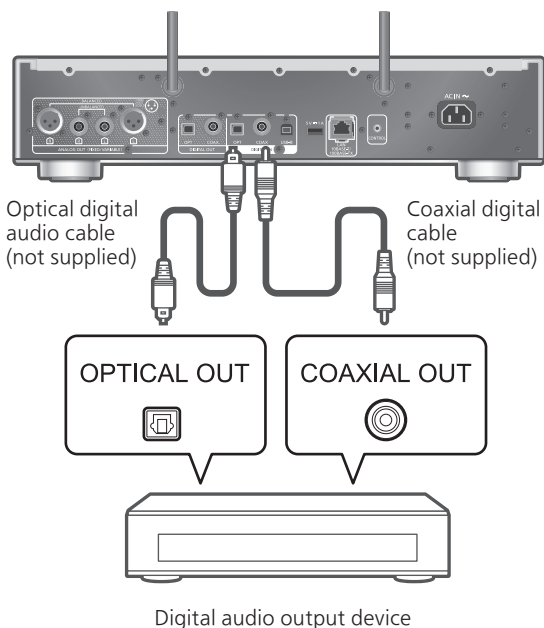
**3 Press [▲], [▼] to select a track and then press [OK].**

## Deleting the track from playlist

- 1 Press [NWP].
  - 2 Press [▲], [▼] to select "Playlist" and then press [OK].
  - 3 Press [▲], [▼] to select a track to delete.
  - 4 Press [MENU].
  - 5 Press [▲], [▼] to select "Delete One" and then press [OK].
  - 6 Press [▲], [▼] to select "Yes" and then press [OK].
- Select "Delete All" and press [OK] to delete all tracks from playlist.
  - "Deleted" is displayed after deleting.
  - "Empty" is displayed if no track is registered to the playlist.

## Using digital audio output device

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



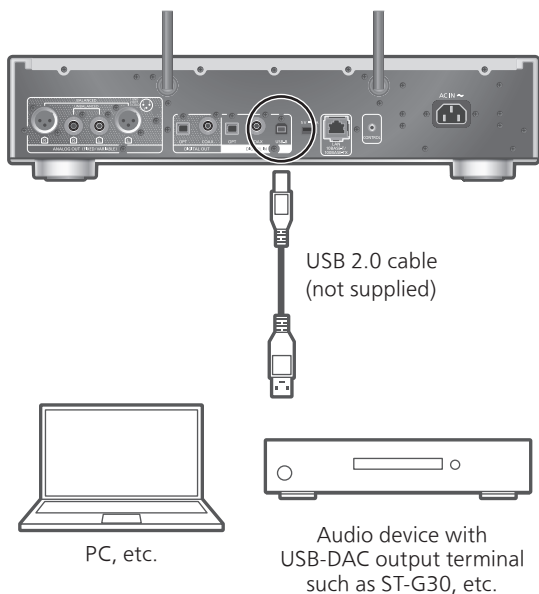
- 1 **Disconnect the AC power supply cord.**
- 2 **Connect this unit and a digital audio output device.**
- 3 **Connect the AC power supply cord to this unit.** (⇒ 28)
- 4 **Press [NWP ⏻]/[CD ⏻] to turn this unit on.**
- 5 **Press [>INPUT<] repeatedly to select "COAX" or "OPT".**
  - You can also select the input source by turning the multi control knob after pressing [INPUT] on the unit.
- 6 **Start playback on the connected device.**

**Note**

- When enjoying video contents with this function, the video and audio output may not be synchronized.
- 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:
    - Coaxial digital input  
32/44.1/48/88.2/96/176.4/192 kHz
    - Optical digital input  
32/44.1/48/88.2/96 kHz
  - Number of quantization bits:  
16/24 bit

## Using PC, etc.

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 following for the recommend OS versions for your PC (as of October, 2022):

Windows 8.1, Windows 10, Windows 11

macOS 10.12, 10.13, 10.14, 10.15, 11.0, 11.1, 11.2, 11.3, 11.4, 11.5, 12.1, 12.2, 12.3

- 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/](http://www.technics.com/support/)
- ② Download and install the dedicated app "Technics Audio Player" (free of charge) on your PC.
  - Download and install the app from the website below.  
[www.technics.com/support/](http://www.technics.com/support/)

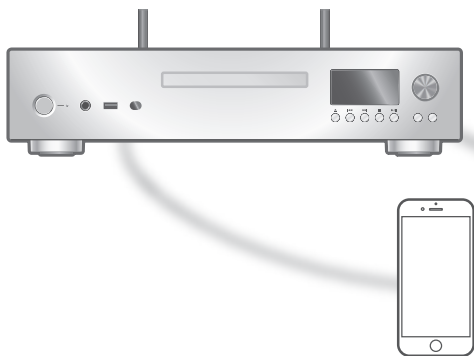
## Using USB 2.0 cable

- 1 Disconnect the AC power supply cord.
- 2 Connect this unit and a PC, etc.
- 3 Connect the AC power supply cord to this unit. (⇒ 28)
- 4 Press [NWP - 6 Start playback using the application on the connected PC.

## 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.



Bluetooth® device

## Pairing a Bluetooth® device

### ■ Preparation

- 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. (⇒ 57)

### ■ Registering the Bluetooth® device

**1 Press [NWP].**

**2 Press [>INPUT<] repeatedly to select "Bluetooth".**

- You can also select the input source by turning the multi control knob after pressing [INPUT] on the unit.
- 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.

## 6 Select “Technics-SL-G700M2-\*\*\*\*” from the Bluetooth® device’s menu.

- The name of the connected device is indicated on the display.
- The MAC address “\*\*\*\*” (“\*\*\*\*” stands for a character that is unique to each set.) may be displayed before “Technics-SL-G700M2-\*\*\*\*” is displayed.
- If the device name is set on the Google Home app or Apple Home app, 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.
- While “Standby Mode” is set to “On” (⇒ 96), this unit automatically turns on when a Bluetooth® connection is established to this unit from a paired Bluetooth® device.

## ■ Listening to music stored on a Bluetooth® device

### 1 Press [NWP].

### 2 Press [>INPUT<] repeatedly to select “Bluetooth”.

- Set “Auto Reconnect” to “On” to connect the last connected Bluetooth® device automatically when “Bluetooth” is selected as an input source. (⇒ 58)
- “Ready” or “Pairing” is indicated on the display.

### 3 Select “Technics-SL-G700M2-\*\*\*\*” from the Bluetooth® device’s menu.

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

### 4 Play music by operating the Bluetooth® device.

### Note

- This unit can only be connected to one device at a time.



## Operations during playback

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

### Note

- To use this unit's remote control/playback operation buttons 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.
- When enjoying video contents with this function, the video and audio output may not be synchronized.

## Disconnecting a Bluetooth® device

- 1 Press [NWP].
- 2 Press [MENU].
- 3 Press [▲], [▼] repeatedly to select "Disconnect?" and then press [OK].
- 4 Press [▲], [▼] to select "Yes" and then press [OK].

### Note

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

## Bluetooth® transmission mode

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

- 1 Press [NWP].
- 2 Press [MENU].
- 3 Press [▲], [▼] repeatedly to select “Link Mode” and then press [OK].
- 4 Press [▲], [▼] to select the mode and then press [OK].

### Mode 1:

Emphasis on connectivity

### Mode 2:

Emphasis on sound quality (default)

#### Note

- Select “Mode 1” if the sound is interrupted.

## Automatically connects to the last connected Bluetooth® device “Auto Reconnect”

This unit connects to the last connected Bluetooth® device automatically when switching the input source to “Bluetooth”.

- The factory default is “On”.

- 1 Press [NWP].
- 2 Press [MENU].
- 3 Press [▲], [▼] repeatedly to select “Auto Reconnect” and then press [OK].
- 4 Press [▲], [▼] to select “On” / “Off” and then press [OK].

#### Note

- By selecting “Bluetooth” as an input source, this unit displays “Linking” and connects to the last connected Bluetooth® device automatically when “Auto Reconnect” is set to “On”.

## Playing back music more natural-sounding audio "RE-MASTER"

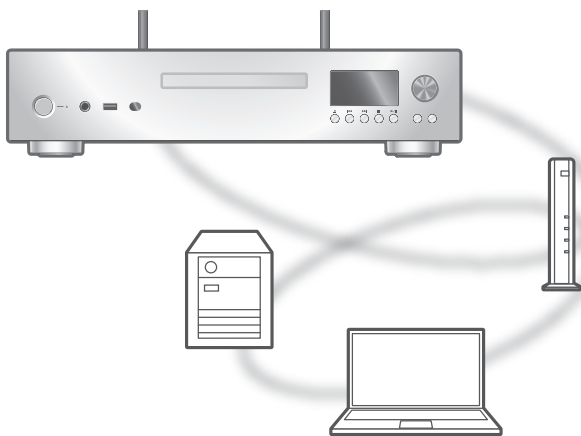
Adjusts the playback band to achieve a higher bit depth to reproduce natural and expansive sounds close to original music sources.

- The factory default is "Off".

- 1 Press [NWP].
- 2 Press [MENU].
- 3 Press [▲], [▼] repeatedly to select "RE-MASTER" and then press [OK].
- 4 Press [▲], [▼] to select "On" / "Off" and then press [OK].

# 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. (⇒ 29)
- 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 play back 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 this unit

- 1 Press [NWP].
- 2 Press [>INPUT<] repeatedly to select "DMP".
  - You can also select the input source by turning the multi control knob after pressing [INPUT] on the unit.
  - The server selection screen will be displayed.
- 3 Press [▲], [▼] to select a media server on the network, and then press [OK].
  - The folder/content selection screen will be displayed. Repeat this step to make further selections.
  - Folders/content may be displayed in different order from the order on the server, depending on its specifications.
- 4 Press [▲], [▼] to select an item and then press [OK].

#### Note

- The connected server and its contents may not be displayed properly depending on its condition. (e.g. soon after adding the contents to the server, etc.)  
Please try again later. For details, refer to the operating instructions of the device.
- The content may not be played back properly depending on the network condition.

## Operations during playback

Stop	[■]
Pause	[▶/  ] • Press again to resume.
Skip	[ ◀◀] [▶▶ ]
Search	[◀◀] [▶▶]
View available information	[INFO] • Press repeatedly to switch the information.

## Repeat playback

**1 Press [NWP].**

**2 Press [↶].**

“1↶”:

Only plays the selected track.

“↶”:

All tracks are repeated.

- Setting contents are stored even when the input source is switched.

## Random playback

**1 Press [NWP].**

**2 Press [RND].**

- Press again to cancel.
- “RND” is displayed.
- During random playback, you may not skip to the previous track.
- During random playback, tracks may be played more than once.
- Setting contents are stored even when the input source is switched.

## Operations using the dedicated app

### “Technics Audio Center”

If you install the dedicated app “Technics Audio Center” (free of charge) on your tablet/smartphone, you can control this unit using a wide variety of functions.

For details, visit:

[www.technics.com/support/](http://www.technics.com/support/)

## 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.

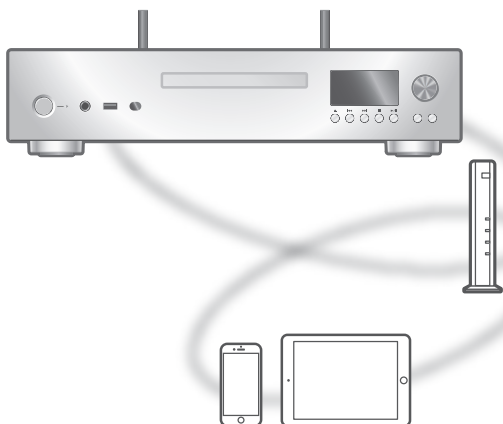
- The device name of this unit will be displayed as "Technics-SL-G700M2-\*\*\*\*"\*<sup>1, 2</sup>.
- For details on how to use DMC compatible devices, refer to the operating instructions of the devices or the software.

#### 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 "This unit's name on the network". (⇒ 38)

## 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. (⇒ 29)
  - Make sure that the network is connected to the Internet.

#### 1 Press [NWP].

#### 2 Press [>INPUT<] repeatedly to select “Internet Radio” / “Podcasts”.

- You can also select the input source by turning the multi control knob after pressing [INPUT] on the unit.
- When “Internet Radio” / “Podcasts” is selected as the source, this unit will automatically try and connect to the last selected station.

#### 3 Press [▲], [▼] to select a station and then press [OK].

- Repeat this step to make further selections according to the genre, region, etc.
- The station that does not broadcast cannot be played back. (It will be skipped or return to the list.)

#### 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.



## Operations during playback

<b>Stop</b>	[■] (Returns to the list.)
<b>Pause</b> (Podcasts)	[▶/  ] • Press again to resume.
<b>Skip</b>	[⏮] [⏭]
<b>Search</b> (Podcasts)	[⏪] [⏩]

## Repeat playback

**1 Press [NWP].**

**2 Press [↺].**

“1↺”:

Only plays the selected track.

“↺”:

All tracks are repeated.

- Setting contents are stored even when the input source is switched.
- Repeat playback is not available for the content of “Internet Radio”.

## Random playback

**1 Press [NWP].**

**2 Press [RND].**

- Press again to cancel.
- “RND” is displayed.
- During random playback, you may not skip to the previous track.
- During random playback, tracks may be played more than once.
- Setting contents are stored even when the input source is switched.
- Random playback is not available for the content of “Internet Radio”.

## Adding a station to favorite list "Add Favourites"

- 1 Press [NWP].
  - 2 Press [▲], [▼] to select a station and then press [OK].
  - 3 Press [MENU].
  - 4 Select "Add Favourites" and then press [OK].
- "Added" is displayed after registering.

## Call up the favorite track/album/ artist

- 1 Press [NWP].
- 2 Press [▲], [▼] repeatedly to select "Favorites" and then press [OK].
  - "Favorites" is displayed on the first layer. Press [RETURN] to return to the previous folder.
- 3 Press [▲], [▼] to select the content and then press [OK].
  - "Empty" is displayed if no station is registered to the favorite list.

## Deleting the favorite station "Delete Favourites"

- 1 Press [NWP].
  - 2 Press [▲], [▼] to select a station to delete from the favorite list.
  - 3 Press [MENU].
  - 4 Select "Delete Favourites" and then press [OK].
  - 5 Press [▲], [▼] to select "Yes" and then press [OK].
- "Deleted" is displayed after deleting.

## Operations using the dedicated app “Technics Audio Center”

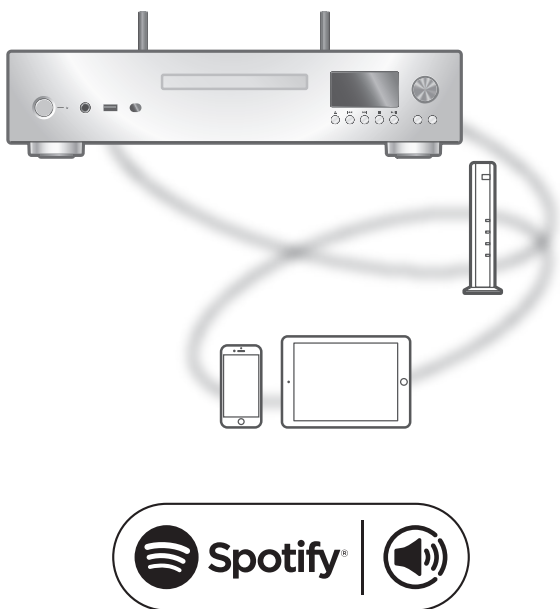
If you install the dedicated app “Technics Audio Center” (free of charge) on your tablet/smartphone, you can control this unit using a wide variety of functions.

For details, visit:

[www.technics.com/support/](http://www.technics.com/support/)

# Playing audio using Spotify Connect

This unit is compatible with Spotify Connect for the online music service (Spotify).



### ■ Preparation

- Complete the network settings. (⇒ 29)
  - Make sure that the network is connected to the Internet.
- Connect the device to be used to the network of this unit.

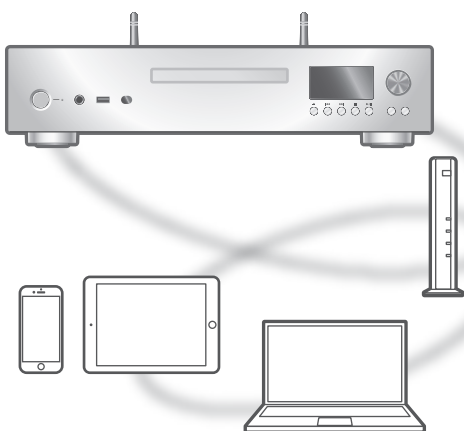
**Use your phone, tablet or computer as a remote control for Spotify.**

**Go to [spotify.com/connect](https://spotify.com/connect) to learn how**

### Note

- The device name of this unit will be displayed as "Technics-SL-G700M2-\*\*\*\*"\*<sup>1, 2</sup>.
  - If the device name is set on the Google Home app or Apple Home app, the set name is displayed.
  - Registration/subscription is required.
  - Spotify Premium requires a usage charge.
  - Services, icons, and specifications are subject to change.
- \*1: "\*\*\*\*" stands for a number that is unique to each set.
- \*2: The device name can be changed from "This unit's name on the network". (⇒ 38)

## 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. (⇒ 29)
  - 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

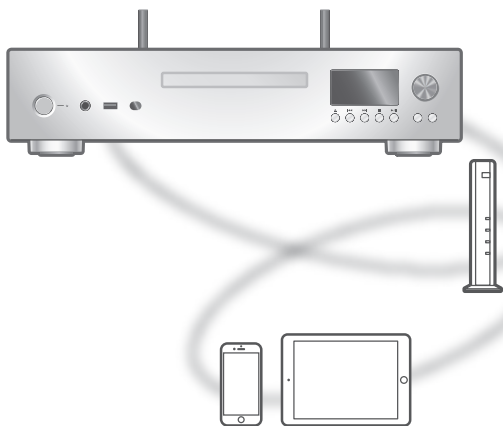
Pause	[■] [▶/  ] • Press again to resume.
Skip	[◀◀] [▶▶]
Search	[◀◀] [▶▶]

## Using 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](http://www.tidal.com)



### ■ Preparation

- Install the latest “Technics Audio Center” on your device (smartphone, tablet, etc.).  
For details, visit:  
[www.technics.com/support/](http://www.technics.com/support/)
- 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 [NWP].**

**2 Press [>INPUT<] repeatedly to select "TIDAL".**

- You can also select the input source by turning the multi control knob after pressing [INPUT] on the unit.
- When TIDAL is used for the first time, "Operate via App" is displayed. Use the dedicated app "Technics Audio Center" for operating.
- The playback operation screen is displayed when you have played back TIDAL before.

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

- Repeat this step to make further selections.
- Press [RETURN] to return to the previous folder.
- Folders/content may be displayed in different order from the order on the connected device, depending on its specifications.

#### Note

- Depending on the country or region, playback may not be available.

## Operations during playback

Stop	[■] (Returns to the list.)
Pause	[▶/  ] • Press again to resume.
Skip	[ ◀◀] [▶▶ ]
Search	[◀◀] [▶▶]

## Repeat playback

**1 Press [NWP].**

**2 Press [↺].**

"1↺":

Only plays the selected track.

"↺":

All tracks are repeated.

- Setting contents are stored even when the input source is switched.



## Random playback

**1 Press [NWP].**

**2 Press [RND].**

- Press again to cancel.
- “RND” is displayed.
- During random playback, you may not skip to the previous track.
- Setting contents are stored even when the input source is switched.

## Adding a track/album/artist, etc. to favorite list “Add Favourites”

**1 Press [NWP].**

**2 Press [▲], [▼] to select a content to add and then press [OK].**

- Repeat this step to make further selections.
- Press [RETURN] to return to the previous folder.
- Folders/content may be displayed in different order from the order on the connected device, depending on its specifications.

**3 Press [MENU].**

**4 Select “Add Favourites” and then press [OK].**

- “Added” is displayed after registering.

## Call up the favorite track/album/ artist

**1 Press [NWP].**

**2 Press [▲], [▼] repeatedly to select “My Music” and then press [OK].**

- “My Music” is displayed on the first layer. Press [RETURN] to return to the previous folder.

**3 Press [▲], [▼] to select the content and then press [OK].**

- “Empty” is displayed if no station is registered to the favorite list.

## Deleting the track/album/artist “Delete Favourites”

- 1 Press [NWP].
- 2 Press [▲], [▼] to select a content to delete from the favorite list.
- 3 Press [MENU].
- 4 Select “Delete Favourites” and then press [OK].
- 5 Press [▲], [▼] to select “Yes” and then press [OK].
  - “Deleted” is displayed after deleting.

## Operations using the dedicated app “Technics Audio Center”

You start the playback using “Technics Audio Center” on your tablet/smartphone.

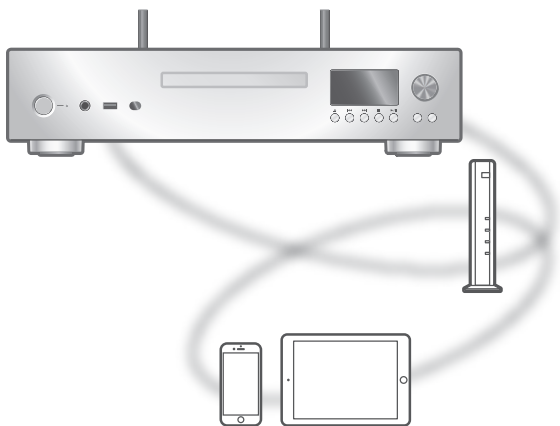
- If you select TIDAL from “Technics Audio Center” on your tablet/smartphone, the input is automatically switched to TIDAL.
- For details, visit:  
[www.technics.com/support/](http://www.technics.com/support/)

## Using 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](http://www.deezer.com)



# DEEZER

### ■ Preparation

- Install the latest "Technics Audio Center" on your device (smartphone, tablet, etc.).  
For details, visit:  
[www.technics.com/support/](http://www.technics.com/support/)
- 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 [NWP].**

**2 Press [>INPUT<] repeatedly to select “Deezer”.**

- You can also select the input source by turning the multi control knob after pressing [INPUT] on the unit.
- When Deezer is used for the first time, “Operate via App” is displayed. Use the dedicated app “Technics Audio Center” for operating.
- The playback operation screen is displayed when you have played back Deezer before.

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

- Repeat this step to make further selections.
- Press [RETURN] to return to the previous folder.
- Folders/content may be displayed in different order from the order on the connected device, depending on its specifications.

#### Note

- Depending on the country or region, playback may not be available.

## Operations during playback

Stop	[■] (Returns to the list.)
Pause	[▶/  ] • Press again to resume.
Skip	[⏮] [⏭]
Search	[⏪] [⏩]

## Repeat playback

**1 Press [NWP].**

**2 Press [↺].**

“1↺”:

Only plays the selected track.

“↺”:

All tracks are repeated.

- Setting contents are stored even when the input source is switched.

## Random playback

**1 Press [NWP].**

**2 Press [RND].**

- Press again to cancel.
- "RND" is displayed.
- During random playback, you may not skip to the previous track.
- Setting contents are stored even when the input source is switched.

## Adding a track/album/artist, etc. to favorite list "Add Favourites"

**1 Press [NWP].**

**2 Press [▲], [▼] to select a content to add and then press [OK].**

- Repeat this step to make further selections.
- Press [RETURN] to return to the previous folder.
- Folders/content may be displayed in different order from the order on the connected device, depending on its specifications.

**3 Press [MENU].**

**4 Select "Add Favourites" and then press [OK].**

- "Added" is displayed after registering.

## Call up the favorite track/album/ artist

**1 Press [NWP].**

**2 Press [▲], [▼] repeatedly to select "My library" and then press [OK].**

- "My library" is displayed on the first layer. Press [RETURN] to return to the previous folder.

**3 Press [▲], [▼] to select the content and then press [OK].**

- "Empty" is displayed if no station is registered to the favorite list.

## Deleting the track/album/artist “Delete Favourites”

- 1 Press [NWP].
- 2 Press [▲], [▼] to select a content to delete from the favorite list.
- 3 Press [MENU].
- 4 Select “Delete Favourites” and then press [OK].
- 5 Press [▲], [▼] to select “Yes” and then press [OK].
  - “Deleted” is displayed after deleting.

## Operations using the dedicated app “Technics Audio Center”

You start the playback using “Technics Audio Center” on your tablet/smartphone.

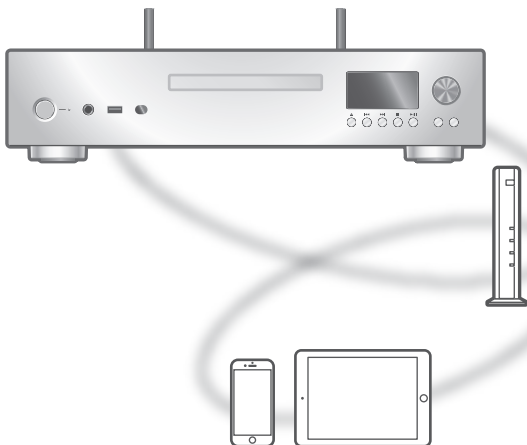
- If you select Deezer from “Technics Audio Center” on your tablet/smartphone, the input is automatically switched to Deezer.
- For details, visit:  
[www.technics.com/support/](http://www.technics.com/support/)

## Using 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](http://www.amazonmusic.com)



# amazon music

### ■ Preparation

- Install the latest “Technics Audio Center” on your device (smartphone, tablet, etc.).  
For details, visit:  
[www.technics.com/support/](http://www.technics.com/support/)
- 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 [NWP].**

**2 Press [>INPUT<] repeatedly to select “Amazon Music”.**

- You can also select the input source by turning the multi control knob after pressing [INPUT] on the unit.
- When Amazon Music is used for the first time, “Operate via App” is displayed. Use the dedicated app “Technics Audio Center” for operating.
- The playback operation screen is displayed when you have played back Amazon Music before.

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

- Repeat this step to make further selections.
- Press [RETURN] to return to the previous folder.
- Folders/content may be displayed in different order from the order on the connected device, depending on its specifications.

#### Note

- Some operations may not be available depending on the music streaming service.

## Operations during playback

Stop	[■] (Returns to the list.)
Pause	[▶/  ] • Press again to resume.
Skip	[ ◀◀] [▶▶ ]
Search	[◀◀] [▶▶]

## Repeat playback

**1 Press [NWP].**

**2 Press [↻].**

“1↻”:

Only plays the selected track.

“↻”:

All tracks are repeated.

- Setting contents are stored even when the input source is switched.



## Random playback

**1 Press [NWP].**

**2 Press [RND].**

- Press again to cancel.
- “RND” is displayed.
- During random playback, you may not skip to the previous track.
- Setting contents are stored even when the input source is switched.

## Operations using the dedicated app

### “Technics Audio Center”

You start the playback using “Technics Audio Center” on your tablet/smartphone.

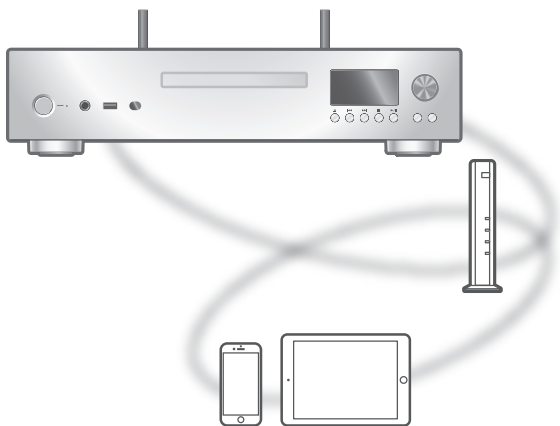
- If you select Amazon Music from “Technics Audio Center” on your tablet/smartphone, the input is automatically switched to Amazon Music.
- For details, visit:  
[www.technics.com/support/](http://www.technics.com/support/)

## Using 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](http://www.qobuz.com)



### ■ Preparation

- Install the latest “Technics Audio Center” on your device (smartphone, tablet, etc.).  
For details, visit:  
[www.technics.com/support/](http://www.technics.com/support/)
- 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 [NWP].**

**2 Press [>INPUT<] repeatedly to select “Qobuz”.**

- You can also select the input source by turning the multi control knob after pressing [INPUT] on the unit.
- When Qobuz is used for the first time, “Operate via App” is displayed. Use the dedicated app “Technics Audio Center” for operating.
- The playback operation screen is displayed when you have played back Qobuz before.

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

- Repeat this step to make further selections.
- Press [RETURN] to return to the previous folder.
- Folders/content may be displayed in different order from the order on the connected device, depending on its specifications.

#### Note

- Depending on the country or region, playback may not be available.

## Operations during playback

Stop	[■] (Returns to the list.)
Pause	[▶/  ] • Press again to resume.
Skip	[ ◀◀] [▶▶ ]
Search	[◀◀] [▶▶]

## Repeat playback

**1 Press [NWP].**

**2 Press [↻].**

“1↻”:

Only plays the selected track.

“↻”:

All tracks are repeated.

- Setting contents are stored even when the input source is switched.

## Random playback

**1 Press [NWP].**

**2 Press [RND].**

- Press again to cancel.
- "RND" is displayed.
- During random playback, you may not skip to the previous track.
- Setting contents are stored even when the input source is switched.

## Adding a track/album/artist, etc. to favorite list "Add Favourites"

**1 Press [NWP].**

**2 Press [▲], [▼] to select a content to add and then press [OK].**

- Repeat this step to make further selections.
- Press [RETURN] to return to the previous folder.
- Folders/content may be displayed in different order from the order on the connected device, depending on its specifications.

**3 Press [MENU].**

**4 Select "Add Favourites" and then press [OK].**

- "Added" is displayed after registering.

## Call up the favorite track/album/ artist

**1 Press [NWP].**

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

- "Favorites" is displayed on the first layer. Press [RETURN] to return to the previous folder.
- Select "Playlists" to call up the favorite playlist.

**3 Press [▲], [▼] to select the content and then press [OK].**

- "Empty" is displayed if no station is registered to the favorite list.

## Deleting the track/album/artist “Delete Favourites”

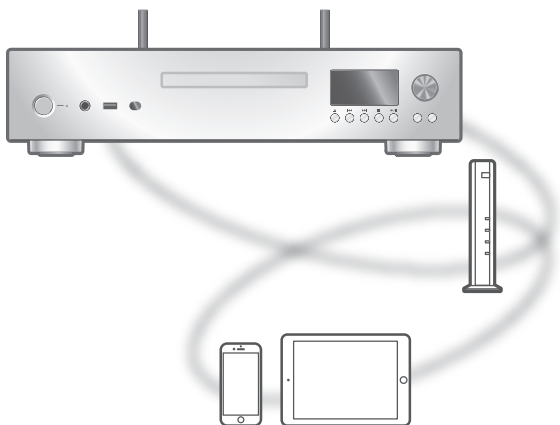
- 1 Press [NWP].
- 2 Press [▲], [▼] to select a content to delete from the favorite list.
- 3 Press [MENU].
- 4 Select “Delete Favourites” and then press [OK].
- 5 Press [▲], [▼] to select “Yes” and then press [OK].
  - “Deleted” is displayed after deleting.

## Operations using the dedicated app “Technics Audio Center”

You start the playback using “Technics Audio Center” on your tablet/smartphone.

- If you select Qobuz from “Technics Audio Center” on your tablet/smartphone, the input is automatically switched to Qobuz.
- For details, visit:  
[www.technics.com/support/](http://www.technics.com/support/)

# 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](http://g.co/cast/apps)

### ■ Preparation

- Complete the network settings. (⇒ 29)
  - 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.

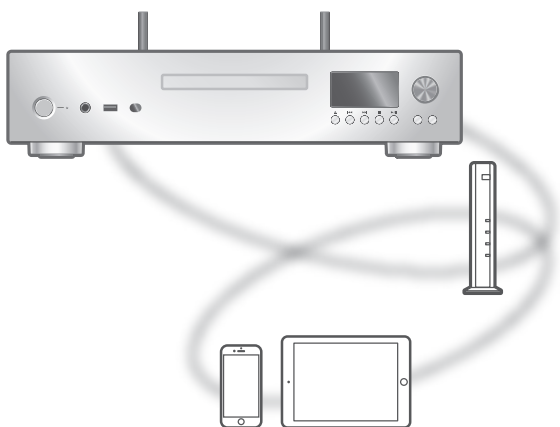
### 1 Start the Google Cast-enabled app on your device (smartphone, tablet, etc.) and select this unit as the connecting device.

- 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. (⇒ 29)
- Connect the iOS device or PC to the same network as this unit.

#### 1 (iOS device)

**Start the “Music” (or iPod) app.**

(PC)

**Start “iTunes”.**

#### 2 Select “Technics-SL-G700M2-\*\*\*\*”<sup>\*1, 2</sup> from the AirPlay icon (e.g. ).

- If the device name is set on the Google Home app or Apple Home app, 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.

\*1: “\*\*\*\*” stands for a number that is unique to each set.

\*2: The device name can be changed from “This unit’s name on the network”. (⇒ 38)

## Operations during playback

<b>Pause</b>	[■] [▶/  ] • Press [▶/  ] again to resume.
<b>Skip</b>	[⏮] [⏭]
<b>View available information</b>	[INFO] • Press repeatedly to switch the information.

- 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.



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- 1 Press [NWP].
  - 2 Press [SETUP].
  - 3 Press [▲], [▼] repeatedly to select the menu and then press [OK].
  - 4 Press [▲], [▼], [◀], [▶] to set, and press [OK].
- You can also enter a setup screen by pressing and holding multi control knob on the unit. (Use the remote control for setting some items.)

### Adjusting the volume of headphones "PHONES VOL"

You can adjust the volume of headphones. (⇒ 18)

- -- dB (min), -99.0 dB to 0 dB (max)
- The factory default is "-60.0 dB".

### Playing back CD/Super Audio CD for the higher quality sound "Pure Disc Playback"

By disabling the network functions, etc. this unit operates exclusively for the playback of CD/Super Audio CD for the higher quality sound. (⇒ 45)

- The factory default is "Off".

## MQA decoding "MQA Decoding"

An MQA file or stream needs to be decoded to deliver the master quality audio. Switch the MQA decoding function to "On" or "Off". (⇒ 100)

- The factory default is "On".

## Enabling the native playback for DSD signal "DSD Native"

Enabling the native playback for DSD signal from the USB device or network device (DMP/DMR).

- The factory default is "Off".
- DSD signal which is input to this unit from USB device or network device (DMP/DMR) is converted to linear PCM signal (up to 192 kHz).
- The setting can be changed while playing back the USB device or network device but playback may stop.
- Set to "Off" when the content is not played back properly.

## Disabling audio output "Digital Output"/"Analog Output"

Disabling the audio output of unused terminals minimizes noise and allows playback in higher audio quality.

- The factory default is "On".
- Set "Digital Output" to "Off" to disable the digital audio output.
- Set "Analog Output" to "Off" to disable the analog audio output.

## Setting the sampling frequency "D.Output fs"

You can set an upper limit on the output sampling frequency range. Please note that the range that can be processed differs depending on the amplifier with digital input terminal. For details, refer to the operating instructions of the connected device.

- The factory default is "32kHz-192kHz".
- Set "Digital Output" to "On" to use this function.
- 96 kHz or 192 kHz can be set as the upper limit on the output sampling frequency range.

## Setting the analog audio output “A.Output Level”

You can set the analog audio output level is fixed or adjustable when changing the volume with this unit. (⇒ 26)

- The factory default is “Fixed”.
- When you connect a power amplifier, etc., set “A.Output Level” to “Variable” for volume control with this unit. When you connect a pre-amplifier, etc., set “A.Output Level” to “Fixed” for volume control with the connected device.
- The factory default of the analog audio output level is “-60.0 dB” when setting to “Variable”.
- -- dB (min), -99.0 dB to 0 dB (max)
- Set “Analog Output” to “On” to use this function.

## Adjusts the phase and amplitude shift of analog audio output “Coherent Processing”

Adjusts the phase and amplitude shift when converting digital signal to analog audio output signal.

- The factory default is “On”.
- Set “Analog Output” to “On” to use this function.
- This function is available for audio signal of 192 kHz or less.
- This function is not available for DSD signal\*1 including Super Audio CD or while the headphones are connected.

\*1: DSD signal is available which is input to this unit from USB device or network device (DMP/DMR) only when “DSD Native” is set to “Off”.

## Adjusts the sound quality of analog audio output “Filter”

You can adjust the sound quality of an analog audio output. Stop the playback before setting and select the mode as your favorite with listening to the actual sound. Filter name for each mode is as below.

### **Mode 1:**

Slow Roll-off (minimum phase)

### **Mode 2:**

Slow Roll-off (linear phase)

### **Mode 3:**

Fast Roll-off (minimum phase)

- The factory default is “Mode 1”.
- Set “Analog Output” to “On” to use this function.

### **Note**

- The specific filtering setting is given priority and this setting cannot be changed in the following conditions.
  - While playing back DSD signal\*1 including Super Audio CD
  - “MQA Decoding” is set to “On”.
  - “Coherent Processing” is set to “On”.

\*1: The setting can be changed and the setting filter is available for DSD signal which is input to this unit from USB device or network device (DMP/DMR) only when “DSD Native” is set to “Off”.

## Setting the limitation of headphones output “PHONES VOL Limitation”

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

- The factory default is “On”.



- 1 Press [NWP].
  - 2 Press [SETUP].
  - 3 Press [▲], [▼] repeatedly to select the menu and then press [OK].
  - 4 Press [▲], [▼], [◀], [▶] to set, and press [OK].
- You can also enter a setup screen by pressing and holding multi control knob on the unit. (Use the remote control for setting some items.)

### Language setting "Language"

Select "English" or "Français" for the display.

- The factory default is "English".

### Sleep timer "SLEEP"

The sleep timer can turn the unit to standby mode after a set time. (30 minutes/60 minutes/90 minutes/120 minutes/Off)

- "SLEEP" is displayed after setting.
- The sleep timer will be cleared in the following conditions.
  - When setting "Initialization"
  - When setting up the wireless LAN function
  - When updating firmware

## 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.

- The factory default is “Off”.

#### Note

- The setting is stored even if the power is turned off and on.
- “Auto Off” is displayed 3 minutes before this unit is turned off.

## Auto dimming function

### “Auto DIMMER”

While the setting is set to “On”, this unit temporarily adjust the brightness of the display, power indicator, etc., if no sound output without operation such as pressing buttons, etc. for approx. 20 minutes.

- The factory default is “On”.
- “Auto Off” has priority over auto dimming and this unit turns off automatically when “Auto Off” is set to “On”.

## Sets dimming function steps

### “DIMMER Steps”

You can turn off the power indicator in addition to adjusting the brightness of this unit as 4 steps by pressing [DIMMER] when “DIMMER Steps” is set to “5 (including Blackout)”.

- The factory default is “4”.
- This unit is not turned off even when the brightness is turned off.
- When the brightness is turned off, the power indicator (red) is also turned off in standby mode.
- When [DIMMER] works for the connected Technics devices, dimming step may not match between this unit and the connected devices. Set to “4” or adjust the steps for each.

## Network standby

### “Standby Mode”

When this function is set to “On”, then this unit automatically turns on in the following cases.

- When a Bluetooth® connection is established to this unit from a paired Bluetooth® device.
- When playback operations are performed on this unit from a device connected to the network.
- The factory default is “On”. To disable this function, select “Off”.



## Network settings

### “Network”

#### Wi-Fi setting

##### “Wi-Fi Menu”

The wireless LAN function can be enabled or disabled.

- The factory default is “On”.

#### Displaying the network icon

##### “Network Indicator”

Set to “Off” to turn the network icon (Wired LAN / Wireless LAN) off from the display.

- The factory default is “On”.

#### Wi-Fi signal strength

##### “Signal Level”

To check the Wi-Fi signal strength where this system is located.

- The signal strength is shown as 3 (max) - 2 - 1. If the indicator shows “2” or “1”, change the position or angle of your wireless router or this system, and see if the connection improves.
- If “0” is displayed, this system cannot establish a link with the wireless router.

## Changing the character encoding

### “E Asian Character”

You can change the character encoding of track names, artist names and other information when they are not displayed as they should be.

#### **Type 1**(日本):

Priority is given to Japanese. (default)

#### **Type 2**(简体字):

Priority is given to Chinese (Simplified).

## Checking the model name

### “Model No.”

The model name is displayed.

## Checking the firmware version

### “F/W Version”

The version of the installed firmware is displayed.

## Firmware updates

### “F/W Update”

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/](http://www.technics.com/support/firmware/)

**Downloading takes approx. 15 minutes.  
Do not disconnect the AC power supply cord or turn this unit to standby while updating.  
Do not disconnect the USB flash memory while updating.**

- The progress is displayed as “Updating □ %” while updating. (“□” stands for a number.)

#### Note

- During the update process, no other operations can be performed.
- If there are no updates, “Firmware is Up To Date” is displayed. (No need to update it.)
- Updating the firmware may reset the settings of this unit.

## Update via Internet

### ■ Preparation

- Connect this unit to the network. (⇒ 29)
  - Make sure that the network is connected to the Internet.

**1 Press [NWP].**

**2 Press [SETUP].**

**3 Press [▲], [▼] repeatedly to select “F/W Update” and then press [OK].**

**4 Press [▲], [▼] to select “Internet” and then press [OK].**

**5 Press [▲], [▼] to select “Yes” and then press [OK].**

- The progress is displayed as “Updating □ %” while updating. (“□” stands for a number.)
- When the update has finished successfully, “Success” is displayed.

**6 Press [⏻/I] on the unit to turn this unit off and on.**

## Note

- Downloading may take longer depending on the internet connection environment, etc.
- Firmware updating may automatically start after the network setting is complete (⇒ 29).

## Update via USB flash memory

### ■ Preparation

- Download the latest firmware on the USB flash memory. For details, refer to the following website.

[www.technics.com/support/firmware/](http://www.technics.com/support/firmware/)

### 1 Connect the USB flash memory with new firmware to the USB-A terminal (USB-A Front) on the front of this unit.

- The USB-A terminal (USB-A Rear) on the rear of this unit is not available for firmware updating by USB flash memory.

### 2 Press [NWP].

### 3 Press [SETUP].

### 4 Press [▲], [▼] repeatedly to select “F/W Update” and then press [OK].

### 5 Press [▲], [▼] to select “USB-A Front” and then press [OK].

### 6 Press [▲], [▼] to select “Yes” and then press [OK].

- The progress is displayed as “Updating □ %” while updating. (“□” stands for a number.)
- When the update has finished successfully, “Success” is displayed.

### 7 Press [⏻/⏻] on the unit to turn this unit off and on.

## Note

- Downloading may take longer depending on the USB flash memory.

## 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. This unit is a CD player that can recognize an MQA-CD. The built-in MQA decoder will restore the high-resolution signal heard in the studio and confirm it, using the authentication signature.

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

- The factory default is "On".
- "MQA" is displayed while MQA content is played back. Audio setting status such as MQA decoding status, etc. is displayed by pressing [INFO] while playing back MQA audio file.

### 1 Press [NWP].

### 2 Press [MQA] to switch the MQA decoding function to "On".

- "MQA Decoding : On" is displayed.

### 3 Play back the MQA file.

- **MQA** is displayed.

- When only using the analog audio, set "Digital Output" to "Off" for better sound quality of MQA content playback.
- You can also set "MQA Decoding" to "On" from the setup menu.
  - ① Press [NWP].
  - ② Press [SETUP].
  - ③ Press [▲], [▼] repeatedly to select "MQA Decoding" and then press [OK].
  - ④ Press [▲], [▼] to select "On" and then press [OK].
- When only using the analog audio, set "Digital Output" to "Off" for better sound quality of MQA content playback.

## Note

- “MQA” or “MQA Studio” indicates that the unit is decoding and playing an MQA stream or file, and denotes provenance to ensure that the sound is identical to that of the source material. “MQA Studio” indicates it is playing an MQA Studio file, which has either been approved in the studio by the artist/producer or has been verified by the copyright owner.  
“OFS” is displayed for MQA rendering function.  
For details, visit:  
<https://www.mqa.co.uk/>
- MQA files or streams may not be decoded to deliver the master quality audio depending on the setting of the connected digital audio device. For details, refer to the operating instructions of the connected device. For information of Technics devices, refer to the following website.  
[www.technics.com/support/](http://www.technics.com/support/)
- When MQA audio file cannot be played back properly, set “DSD Native” to “Off”. The performance may be improved. (⇒ 92)
- Specifications are subject to change without notice.

## Recommended setting for each output and function of the connected device

### ■ MQA Core Decoder

Digital output (COAX/OPT)	“Digital Output” is set to “On”. “MQA Decoding” is set to “Off”.
Analog output (BALANCED/ UNBALANCED)	“Digital Output” is set to “Off”. “MQA Decoding” is set to “On”.

### ■ MQA Renderer

Digital output (COAX/OPT)	“Digital Output” is set to “On”. “MQA Decoding” is set to “On”.
Analog output (BALANCED/ UNBALANCED)	“Digital Output” is set to “Off”. “MQA Decoding” is set to “On”.

## ■ MQA Full Decoder

Digital output (COAX/OPT)	"Digital Output" is set to "On". "MQA Decoding" is set to "Off".
Analog output (BALANCED/ UNBALANCED)	"Digital Output" is set to "Off". "MQA Decoding" is set to "On".

## ■ MQA is not supported

Digital output (COAX/OPT)	"Digital Output" is set to "On". "MQA Decoding" is set to "On".
Analog output (BALANCED/ UNBALANCED)	"Digital Output" is set to "Off". "MQA Decoding" is set to "On".

- It is recommended that "MQA Decoding" is set to "On" when the connected digital output device supports MQA rendering function or does not support MQA function.  
The digital signal outputs as MQA decoded signal (MQA Core) when "MQA Decoding" is set to "On" (The factory default is "On"). And the connected device renders the signal when the device supports MQA rendering function.
- It is recommended that "MQA Decoding" is set to "Off" when the connected digital output device provides MQA full decoding. The digital signal outputs as MQA bitstream without decoding when "MQA Decoding" is set to "Off", and the MQA full decoding device decodes all MQA signals.
- The MQA decoded signal (MQA Core) which is input to this unit, can be rendered and output as analog signal when "MQA Decoding" is set to "On" and "Digital Output" is set to "Off". (Maximum upsampling limit is 192 kHz.)

## Using the favorite function (FAV)

---

### Registering your favorite station, music or playlist

You can register your favorite station, music or playlist (USB-A Front / USB-A Rear / DMP / Internet Radio / Spotify / TIDAL / Deezer / Qobuz, etc.) and call up the station.

- 1 Press [NWP].**
- 2 Switch the input source (USB-A Front / USB-A Rear / DMP / Internet Radio / Spotify / TIDAL / Deezer / Qobuz, etc.).**
- 3 Press and hold [PGM] while the playback screen is displayed.**
  - The favorite registering screen (FAV) is displayed.
- 4 Press [▲], [▼] repeatedly to select the number (FAV1 - 9) to register and then press and hold [OK].**
  - “Memorised” is displayed after registering.
  - You can register up to 9 favorite stations or playlists.
  - The favorite function (registering/calling up/deleting) can also be set from the dedicated application “Technics Audio Center” (free of charge).
  - Press and hold [PGM] for approx. 3 seconds to exit the setting.
  - You can also enter a favorite setting screen by pressing and holding [INPUT] on the unit.

### Calling up the favorite station, music or playlist

- 1 Press [NWP].**
- 2 Press and hold [PGM].**
- 3 Press [▲], [▼] repeatedly to select a favorite number to play back and then press [OK].**
  - You can also select the number with the numeric buttons.
  - If no station or playlist is registered to the favorite list, “Empty” is displayed. Add a station or playlist to the list.
  - The input source automatically switches to the registered station.

### Note

- If the station or playlist cannot be found after the input source is switched, playback does not start or other music may play back.

## Deleting the favorite station, music or playlist

- 1 Press [NWP].
- 2 Press and hold [PGM].
- 3 Press [▲], [▼] repeatedly to select a favorite number to delete and then press [CLEAR].
- 4 Press [▲], [▼] repeatedly to select "Yes" and then press [OK].

- "Cleared" is displayed after deleting.
- "Empty" is displayed if no station or playlist is registered to the favorite list.

## Operations using the dedicated app "Technics Audio Center"

If you install the dedicated app "Technics Audio Center" (free of charge) on your tablet/smartphone, you can control this unit and edit the favorite list. Download and install the app from the website below.

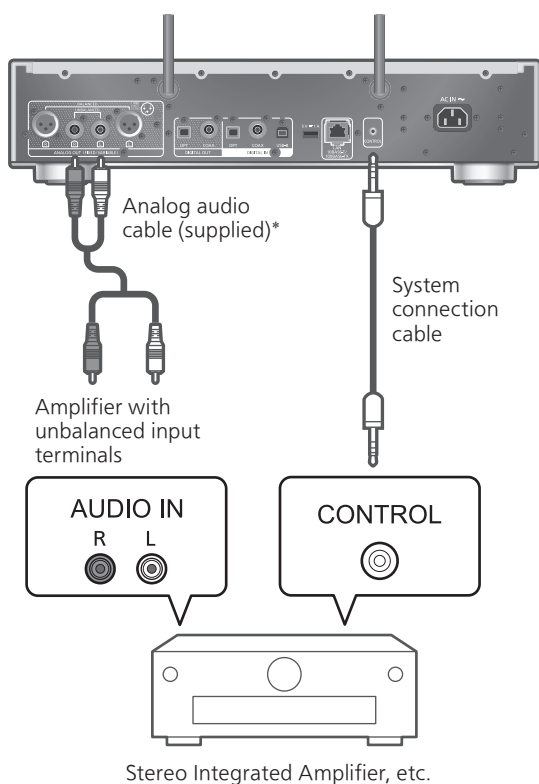
[www.technics.com/support/](http://www.technics.com/support/)



## System control connection

You can operate this unit and Technics devices supporting system control function (Stereo Integrated Amplifier, etc.) simultaneously with ease on the remote control.

For details, refer to the operating instructions of each device.



\*: The illustration shows the example when connecting to an amplifier with unbalanced input terminals using analog audio cable. Connect the device with proper cable/terminal supporting the device.

### Note

- Be sure to connect the device with analog audio cable when playing back Super Audio CD with this unit.
- System control function is not available when "A.Output Level" is set to "Variable".

## Using system connection cable and audio cable

- 1 Disconnect the AC power supply cord.**
- 2 Connect this unit and Technics device supporting system control function (Stereo Integrated Amplifier, etc.).**
  - Use both of the system connection cable and the audio cables when connecting this unit and the device.
  - Use the system connection cable supplied with the connected device.
- 3 Connect the AC power supply cord to this unit. (⇒ 28)**
- 4 Press [NWP ⏻]/[CD ⏻] to turn this unit on.**
- 5 Set the system control function on the connected device.**
  - For details, refer to the operating instructions of the connected device.

## Switching this unit and the connected device to on/standby simultaneously

When the device supporting system control function (Stereo Integrated Amplifier, etc.) is turned on/off, this unit is turned on/off automatically.

- 1 Press [NWP].**
- 2 Press [SETUP].**
- 3 Press [▲], [▼] repeatedly to select "Power On Link"/"Power Off Link" and then press [OK].**
- 4 Press [▲], [▼] to select "On" and then press [OK].**

## Switching function for the input source of the connected device “Selector Link Type”

Set to “Adaptive” to switch the input source of the amplifier automatically to analog input only when Super Audio CD is played back, regardless of the selected input of the amplifier (Technics devices supporting system control function).

- For details, refer to the following website.  
[www.technics.com/support/](http://www.technics.com/support/)
- The factory default is “Normal”.

- 1 Press [NWP].**
- 2 Press [SETUP].**
- 3 Press [▲], [▼] repeatedly to select “Selector Link Type” and then press [OK].**
- 4 Press [▲], [▼] to select “Adaptive” / “Normal” and then press [OK].**

## Adjusting BASS/MID/TREBLE “Tone Control”


You can adjust the tone of the SU-C700 with this unit. Each tonal range (BASS/MID/TREBLE) can be adjusted.

- 1 Press [NWP].**
- 2 Press [SETUP].**
- 3 Press [▲], [▼] repeatedly to select “Tone Control” and then press [OK].**
- 4 Press [▲], [▼] to set, and press [OK].**

- To enable this function, select “On (adjustment)”.
- Each level can be adjusted between “- 10” and “+ 10”.

# Others

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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 bottom of this unit because the bottom of this unit may be hot. For installation or unit care, disconnect the AC power supply cord, 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. (⇒ 98)

### 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 Press [NWP] while this unit is turned on.**
- 2 Press [SETUP].**
- 3 Press [▲], [▼] repeatedly to select "Initialization" and then press [OK].**
- 4 Press [▲], [▼] to select "Yes" and then press [OK].**
  - A confirmation screen appears. Select "Yes" in the following steps to restore all the settings to defaults.
- 5 Press [▲], [▼] to select "Yes" and then press [OK] again.**

## 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 power supply cord, 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, it may solve the problem.
    - If the unit still cannot be operated, consult the dealer.
- The remote control may not work properly. (⇒ 117)

#### **A "humming" sound can be heard during playback.**

- An AC power supply cord 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 the volume of the connected device. Check the volume of this unit if "A.Output Level" is set to "Variable".
- 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.
- 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.
- 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 analog audio output terminal.
- Not all MQA files may be played back. Set MQA decoding function to "Off" when is not played back properly. (⇒ 100)
- When MQA audio file cannot be played back properly, set "DSD Native" to "Off". The performance may be improved. (⇒ 92)
- Not all DSD signal may be played back. Set "DSD Native" to "Off" when is not played back properly. (⇒ 92)
- Check if "Digital Output" or "Analog Output" is set to "On". (⇒ 92)

### **Playback does not start.**

- Depending on your environment or connected devices, it may take some time.
- Check to see if the format of the file is supported. For supported formats, refer to "Format". (⇒ 131)

### **The unit turns to standby mode automatically.**

- Is the auto off function turned on? (⇒ 96)
- This unit may turn to standby mode simultaneously with the connected device with the system control function. (⇒ 106)

### **The settings are reset to the factory defaults.**

- Updating the firmware may reset the settings.

### **The system control function is not working.**

- Use the system connection cable supplied with the connected device.
- Connect the system connection cable to the system terminals (CONTROL). (⇒ 105)
- Set "A.Output Level" to "Fixed" (⇒ 105)
- Connect Technics device supporting system control function (Stereo Integrated Amplifier, etc.) to this unit. For details, refer to the following website.

[www.technics.com/support/](http://www.technics.com/support/)

**The input source of connected device supporting system control function switches to an analog input automatically.**

- Set "Selector Link Type" to "Normal". (⇒ 107)

## Disc

**Incorrect display or play does not start.**

- Make sure that the disc is compatible with this unit. (⇒ 121)
- There is moisture on the lens. Wait for about an hour and then try again.
- Unfinalized CD-R and CD-RW cannot be played back.
- WMA/MP3 is not supported. Refer to "Notes on discs" (⇒ 121) for information about the discs this unit can play 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.

## USB

**The USB drive or its contents cannot be read.**

- The USB drive format or its contents is/are not compatible with the unit. (⇒ 122)
- The USB drive may not be read which has the files/folders with the long names, even if the number of the files/folders of the USB device doesn't reach a maximum number (⇒ 129).

**No response when [▶/III] is pressed.**

- Disconnect the USB device and then reconnect it. Alternatively, turn the unit to standby and on again.

**Slow operation of the USB flash drive.**

- Large file size or high memory USB flash drive takes longer time to read.
- It may take some time if there are a lot of files or folders on it.

**Cannot display the information properly.**

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



## 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. (⇒ 55)
- 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 (33 ft) 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 "Mode 1" for stable communication. (⇒ 58)

## Network

### **Cannot connect to the network.**

- Confirm the network connection and settings. (⇒ 29)
- 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.
- Depending on the router, WPS button may not work. Try another connection method. (⇒ 33)
- 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. (⇒ 31)
- While the AC power supply cord 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. (⇒ 35)
- 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.
- Check the Wi-Fi signal strength using “Signal Level” and adjust location of this unit and the wireless router. (⇒ 97)
- 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 (e.g. “CD”) 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. (⇒ 87)
- 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.). (⇒ 31)

#### **The media server and its contents are not displayed.**

- 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.**

- 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 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.

## Spotify/TIDAL/Deezer/Qobuz/ Amazon Music/Internet Radio/ Podcasts

### **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 this unit or "Technics Audio Center" to operate this unit, it may improve the performance.

#### **Cannot display the information 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.

#### **Cannot call up the stations, musics or playlists registered in favorites function (FAV).**

- The stations, musics or playlists may have been deleted or changed by the service provider. Register the station or playlist again.

#### **A content different from the registered content is played back or may not be played back normally when calling favorites function (FAV).**

- When it adds / calls a content in playlist as favorites function (FAV), a different content in playlist may be played back by the service provider.
- When it adds / calls a content as a favorites function (FAV), the title may not be displayed normally and it may not be played back normally by the service provider.

## Remote control

### **The remote control does not work properly.**

- Press [NWP] first to operate this unit. (The remote control works only for the devices supporting system control function when pressing [AMP].)
- The batteries are depleted or inserted incorrectly. (⇒ 23)
- To avoid interference, please do not put any objects in front of signal sensor. (⇒ 17)
- 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. (⇒ 23)

## Messages

### **Auto Off**

The unit has been left unused for about 20 minutes and will shut down within a minute. (⇒ 96) Press any button to cancel it.

### **Checking Device**

The unit is checking the connected USB device.

- After this display has disappeared, start operating.

### **Connect to Network**

Connect this unit to the network and then wait for the start of the Firmware Update via Internet. (⇒ 98)

### **Download Fail**

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.

### **Empty**

The selected folder is empty.

- Move tracks into the folder and retry the operation.

The server is not found on the network.

- Check to see if the server is connected to the same network as this unit, and retry the connection to this unit. (⇒ 29)

No station, track, etc. is registered to the favorite list or playlist.

- Add a station or track to the list. (⇒ 49, 103)

### **Error**

Incorrect operation is performed.

- Read the instructions and try again.

### **Fail**

Network connection is not complete.

- Try the setting again. (⇒ 29)

## Firmware update is available

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

- ① Press [NWP].
- ② Press [OK].
- ③ Press [▲], [▼] to select "Yes" and then press [OK].
  - The progress is displayed as "Updating □ %" while updating. ("□" stands for a number.)
  - Do not disconnect the AC power supply cord or turn this unit to standby while updating. (⇒ 98)
  - When the update has finished successfully, "Success" is displayed.
- ④ Press [⏻/⏻] on the unit to turn this unit off and on.
  - For the update information, refer to the following website.  
[www.technics.com/support/firmware/](http://www.technics.com/support/firmware/)

## "F□□" ("□" stands for a number.)

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, write down the displayed number, disconnect the AC power supply cord and consult your dealer.

## Load Fail

The firmware cannot be found on the USB flash memory.

- Download the latest firmware on the USB flash memory and try again. (⇒ 99)

## No Device

No USB device is connected.

- Connect the USB device to be played. (⇒ 47)

USB device is not playable.

- Check to see if the file system of USB device is playable. (⇒ 129)

## No Disc

No CD is inserted. Inserted CD-R, etc. have no audio track.

- Insert the disc to be played (⇒ 42).

## No Layer

No available layer to be played back.

- Insert Hybrid Super Audio CD disc which has a CD layer and Super Audio CD layer.

## No Network Available

This unit is not connected to the network.

- Check the network connection. (⇒ 29)

## No Play

The disc cannot be played back.

- Insert the disc to be played (⇒ 121).

## Not Valid

The function you have tried to use is not available with the current settings.

- Check the steps and settings.
- Registration/subscription may be required for some functions.
- Another input source than "CD" cannot be selected while this unit is in "Pure Disc Playback" mode. (⇒ 45)
- "Filter" cannot be changed in the following conditions. (⇒ 94)
  - While playing back Super Audio CD
  - "MQA Decoding" is set to "On".
  - "Coherent Processing" is set to "On".
  - While playing back DSD signal and "DSD Native" is set to "On".

## Operate via App

Remote control is not available.

- Use the connected device or application for operating.

## PGM Full

The number of programmed tracks is more than 20.

- No more track cannot be programmed.

## Please Wait

This is displayed, for example, when this unit is turned to standby/on. (For up to approx. 1 minute and 30 seconds)

- Wait for the display disappears.

## Reading

The unit is checking the CD information.

- After this display has disappeared, start operating.

## "Remote □" ("□" stands for a number.)

The remote control and this unit are using different modes.

- Change the mode on the remote control. (⇒ 23)

## Searching

The unit is checking the media server on the network.

- Check to see if there is a server in same network.

## Unlocked

"COAX", "OPT" or "USB-B" 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. (⇒ 51)
- For supported formats, refer to "Format". (⇒ 131)

## USB Over Current

USB device connected to the front/rear of this unit is drawing too much power.

- Disconnect the USB device and turn the unit to standby and on again. (⇒ 47)
- Turn this unit off and on.
- Check if there is no problem on the USB device. (⇒ 122)

## Wi-Fi Setup

Select "Yes" and press [OK] to enter the network setting. (⇒ 32)

- To exit the network setting, select "No" and press [OK].




## Playable media

### Notes on discs

#### ■ Disc formats supported by this unit

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

#### ■ 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, finalize 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)

#### ■ This unit's lens

Use the lens cleaner (not supplied) to clean the unit's lens.

#### ■ Clean discs

DO



DO NOT



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

#### ■ Disc handling precautions

- Handle discs by the edges to avoid inadvertent scratches or fingerprints on the disc.
- Do not use disc cleaning sprays, benzene, thinner, static electricity prevention liquids or any other solvent.
- Do not attach labels or stickers to discs.
- 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.

## USB

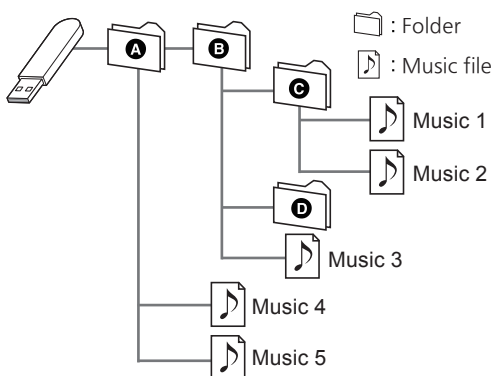
- This unit does not guarantee connection with all USB devices.
- FAT16, FAT32 and NTFS file systems are supported.
- This unit supports USB 2.0 high speed.
- USB devices may not be recognized by this unit when connected using the following:
  - a USB hub
  - a USB extension cable
- It is not possible to use USB card reader/writers.
- This unit cannot record music to a USB device.
- Not all files on the USB device may be read if there are some files not supported.
- About supported format, refer to “Format” (⇒ 131)

### ■ Folder and file structure

The unit plays back only the music files in the selected folder. Select the folder containing the tracks that you want to play back.

- Nothing is played back if you select a folder without music files, such as the folder **D** in the diagram below. (“Empty” is displayed.)

#### Example:



# 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 (33 ft). 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



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

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



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SBM Direct is a registered trademark.

“DSD” is a registered trademark.

#### FLAC Decoder

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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 120 V, 60 Hz
Power consumption	45 W
Power consumption in standby mode (Network standby Off)	0.2 W
Power consumption in standby mode (Network standby On)*1	2.0 W
Dimensions (W×H×D)	430 mm (16 15/16") × 98 mm (3 7/8") × 407 mm (16 1/32")
Mass	Approx. 12.3 kg (27.2 lbs)
Operating temperature range	5 °C to 35 °C (41 °F to 95 °F)
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 (3") or 12 cm (5"))	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 (33 ft) Line of sight*2

\*2: Prospective communication distance

Measurement environment:

Temperature 25 °C (77 °F)/

Height 1.0 m (3.3 ft)

Measure in "Mode 1"



## ■ TERMINALS SECTION

Headphones Jack	Stereo, $\phi 6.3$ mm ( $1/4$ " 110 mW, 32 $\Omega$ (VOL MAX)
USB-A (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
Support Memory Capacity	2 TB (max)
Maximum number of folders (albums)	800
Maximum number of files (songs)	8000
File system	FAT16, FAT32, NTFS
USB-B (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	$\phi 3.5$ mm ( $1/8$ " $\phi$ ), 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.

## USB-A

	Extension	Sampling frequency	Bit rate/ Number of Quantization 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	

## USB-B

	Extension	Sampling frequency	Bit rate/ Number of Quantization bits
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

## LAN (DMR)\*3

	Extension	Sampling frequency	Bit rate/ Number of Quantization 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	

\*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.

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