



marantz

Integrated Amplifier
PM6007

Front panel

Rear panel

Remote control
unit

Index

Owner's Manual



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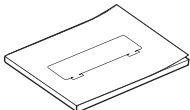

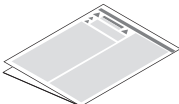
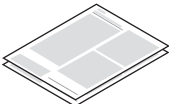
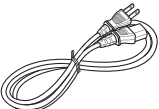
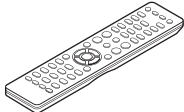

Thank you for purchasing this Marantz product.

To ensure proper operation, please read this owner's manual carefully before using the product.

After reading this manual, be sure to keep it for future reference.

Accessories

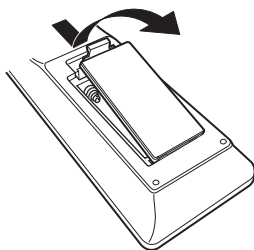
Check that the following parts are supplied with the product.

 Quick Start Guide	 CD-ROM (Owner's Manual)	 Safety Instructions	 Warranty (for USA/for CANADA)
 Power cord	 Remote control unit (RC004PMCD)	 R03/AAA batteries	

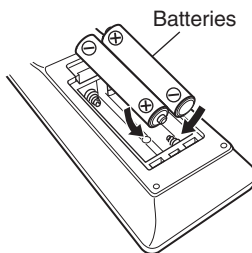


Inserting the batteries

- 1 Remove the rear lid in the direction of the arrow and remove it.



- 2 Insert two batteries correctly into the battery compartment as indicated.



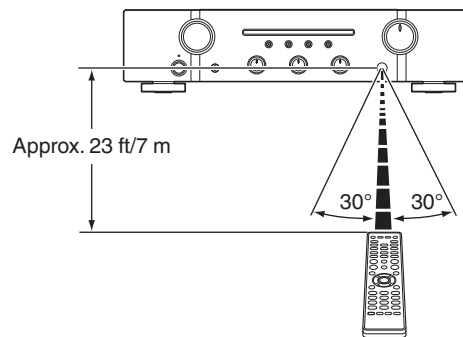
- 3 Put the rear lid back on.

NOTE

- To prevent damage or leakage of battery fluid:
 - Do not use a new battery together with an old one.
 - Do not use two different types of batteries.
- Remove the batteries from the remote control unit if it will not be in use for long periods.
- If the battery fluid should leak, carefully wipe the fluid off the inside of the battery compartment and insert new batteries.

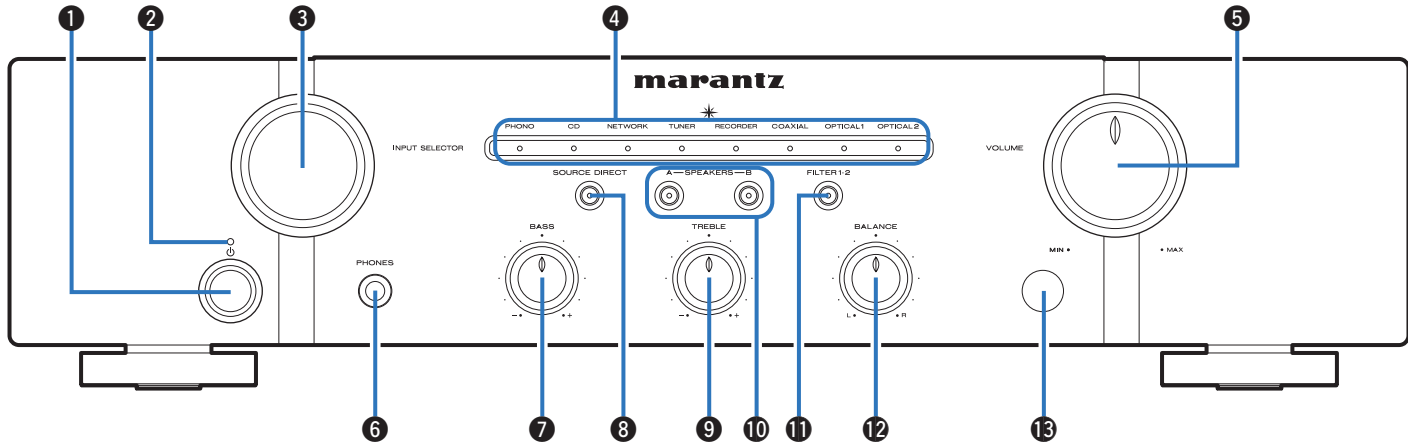
Operating range of the remote control unit

Point the remote control unit at the remote sensor when operating it.



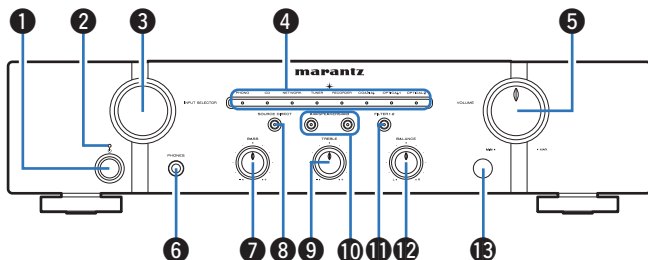
Part names and functions

Front panel



For details, see the next page.





❶ Power operation button (⏻)

This turns the power on/off. (👉 p. 26)

❷ Power indicator

This is lit as follows according to the power status:

- Power on : Off
- Standby : Red
- Power off : Off

❸ INPUT SELECTOR knob

This selects the input source. (👉 p. 27)

❹ Input indicators (👉 p. 27)

❺ VOLUME knob

These adjust the volume level. (👉 p. 27)

❻ Headphones jack (PHONES)

Used to connect headphones.

Turn off speaker output when using headphones. (👉 p. 27)

NOTE

- To prevent hearing loss, do not raise the volume level excessively when using headphones.

❼ BASS control knob

This setting adjusts the volume level for the bass. (👉 p. 28)

❽ SOURCE DIRECT button/indicator

This turns source direct mode on/off. (👉 p. 28)

❾ TREBLE control knob

This setting adjusts the volume level for the treble. (👉 p. 28)

❿ Speaker switching buttons/indicators (SPEAKERS A/B)

These select the speaker for audio output. (👉 p. 27)

⓫ FILTER 1·2 button/indicator

Switches the filter characteristics when digital audio is input. (👉 p. 29)

⓬ BALANCE control knob

This adjusts the balance of the volume output from the left and right speakers. (👉 p. 28)

⓭ Remote control sensor

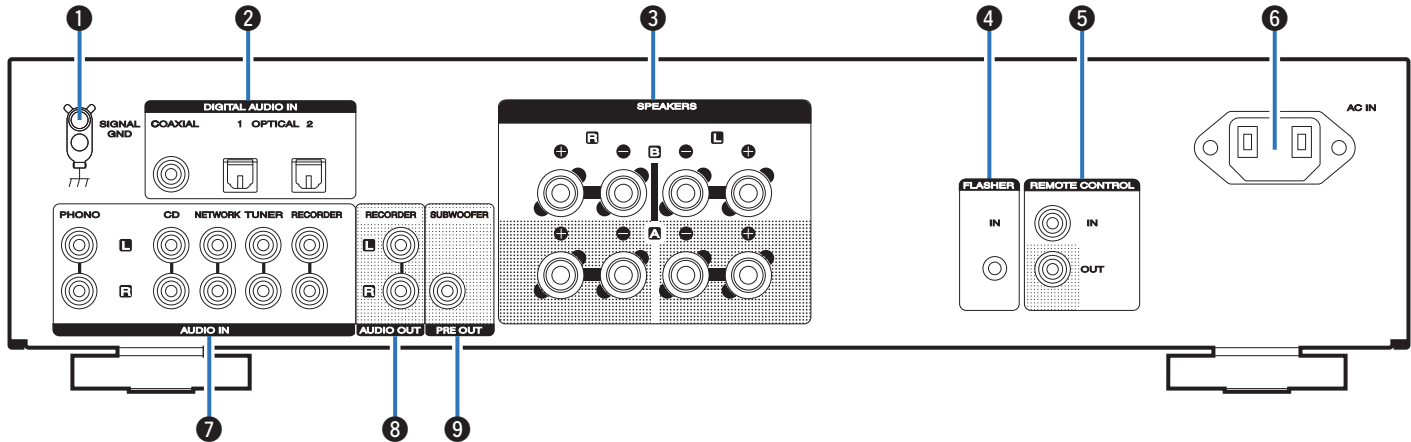
This receives signals from the remote control unit. (👉 p. 5)



- ❷, ❹ and ❺ can be adjusted when ❽ is off (Source direct mode is off).

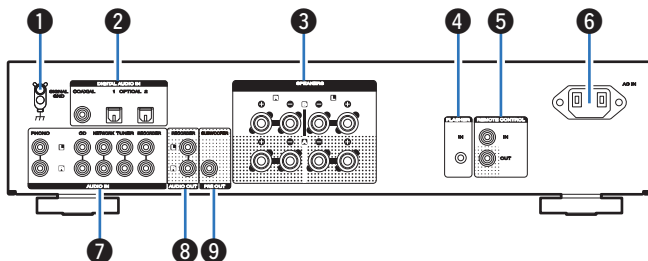


Rear panel



For details, see the next page.





1 SIGNAL GND terminal

Used to connect a turntable. (☞ p. 20)

2 Digital audio input connectors (DIGITAL AUDIO IN)

Used to connect devices equipped with digital audio output connectors. (☞ p. 22)

3 Speaker terminals (SPEAKERS)

Used to connect speakers. (☞ p. 16)

4 FLASHER IN jack

Used when using a control BOX or other such control devices to control this unit.

5 Remote control input/output connectors (REMOTE CONTROL)

Used to connect to a Marantz audio device that is compatible with the remote control function. (☞ p. 23)

6 AC inlet (AC IN)

Used to connect the power cord. (☞ p. 24)

7 Analog audio input connectors (AUDIO IN)

Used to connect devices equipped with analog audio output connectors.

- “Connecting a playback device” (☞ p. 20)
- “Connecting a recording device” (☞ p. 21)

8 AUDIO OUT connectors (RECORDER)

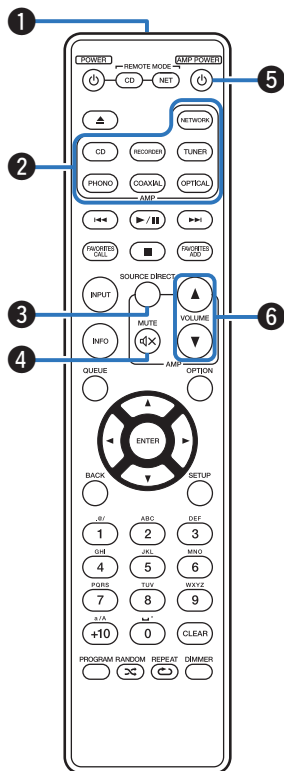
Used to connect the input connector of a recorder. (☞ p. 21)

9 PRE OUT connector (SUBWOOFER)

Used to connect a subwoofer with a built-in amplifier. (☞ p. 19)



Remote control unit



The remote control provided with this unit can control a network audio player in addition to a Marantz CD player.

- “CD player operations” (☞ p. 11)
- “Network audio player operations” (☞ p. 13)

■ Operating this unit

1 Remote control signal transmitter

This transmits signals from the remote control unit. (☞ p. 5)

2 Input source select buttons

This selects the input source. (☞ p. 27)

3 SOURCE DIRECT button

This turns source direct mode on/off. (☞ p. 28)

4 MUTE button (⏏)

This mutes the output audio. (☞ p. 27)

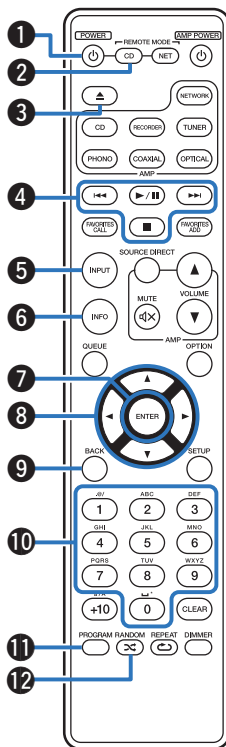
5 Power operation button (AMP POWER ⏻)

This turns the power on/off (standby). (☞ p. 26)

6 VOLUME buttons (▲▼)

These adjust the volume level. (☞ p. 27)





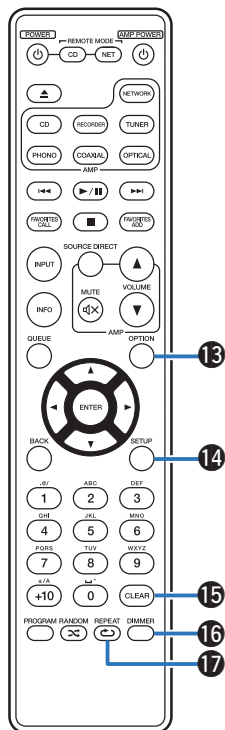
CD player operations

You can operate a Marantz CD player. To operate a Marantz CD player, press the REMOTE MODE CD button to switch the remote control to the CD player operation mode.

- REMOTE MODE CD button lights for approximately two seconds.

- 1 Power operation button (POWER ϕ)
- 2 Remote mode select button (REMOTE MODE CD)
- 3 Disc tray open/close button (▲)
- 4 System buttons
- 5 Media mode select button (INPUT)
- 6 Information button (INFO)
- 7 ENTER button
- 8 Cursor buttons (▲▼◀▶)
- 9 BACK button
- 10 Number buttons (0 – 9)
- 11 PROGRAM button
- 12 RANDOM button (∞)



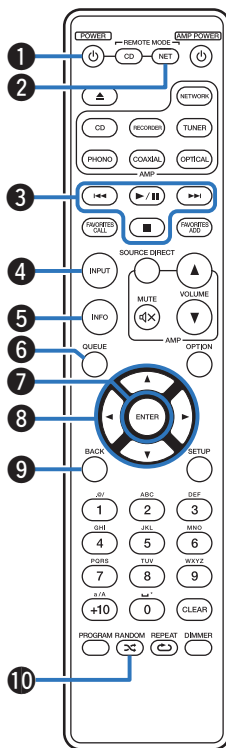


- 13 **OPTION** button
- 14 **SETUP** button
- 15 **CLEAR** button
- 16 **DIMMER** button
- 17 **REPEAT** button (↺)



- The remote control may not operate some products.
- The amp can be operated with the amp operation buttons even when the remote control operation mode is set to CD.





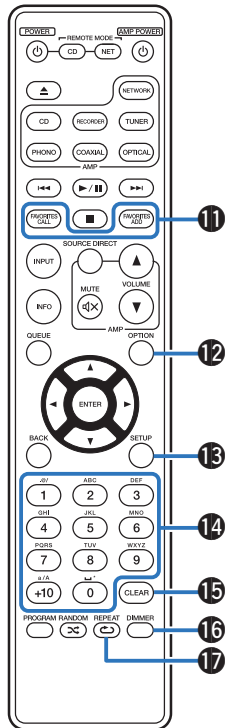
Network audio player operations

You can operate a Marantz network audio player. To operate a Marantz network audio player, press the REMOTE MODE NET button to switch the remote control to the network audio player operation mode.

- REMOTE MODE NET button lights for approximately two seconds.

- 1 Power operation button (POWER Φ)
- 2 Remote mode select button (REMOTE MODE NET)
- 3 System buttons
- 4 Input source select button (INPUT)
- 5 Information button (INFO)
- 6 QUEUE button
- 7 ENTER button
- 8 Cursor buttons (Δ ∇ \triangleleft \triangleright)
- 9 BACK button
- 10 RANDOM button (⌘)





- 11 FAVORITES ADD / CALL buttons
- 12 OPTION button
- 13 SETUP button
- 14 Number/letter buttons (0 – 9, +10)
- 15 CLEAR button
- 16 DIMMER button
- 17 REPEAT button (↺)



- The remote control may not operate some products.
- The amp can be operated with the amp operation buttons even when the remote control mode is NET.



■ Contents

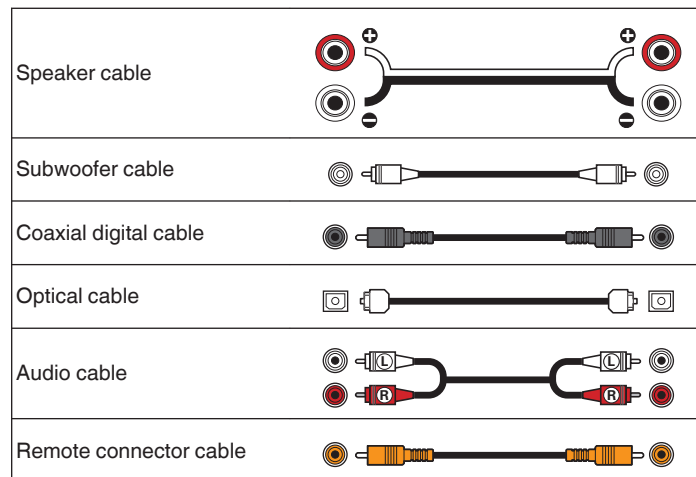
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NOTE

- Do not plug in the power cord until all connections have been completed.
- Do not bundle power cords together with connection cables. Doing so can result in humming or noise.

■ Cables used for connections

Provide necessary cables according to the devices you want to connect.



Connecting speakers

NOTE

- Disconnect this unit's power plug from the power outlet before connecting the speakers.
- Connect so that the speaker cable core wires do not protrude from the speaker terminal. The protection circuit may be activated if the core wires touch the rear panel or if the + and - sides touch each other. ("Protection circuit" (👉 p. 43))
- Never touch the speaker terminals while the power cord is connected. Doing so could result in electric shock.
- Use speakers with impedances within the ranges shown below to suit how they are used.

Speaker terminals used on this unit	No. of connected speakers	Speaker Impedance
SPEAKERS A (Standard connection)	2 (one set)	4 – 16 Ω/ohms
SPEAKERS B	2 (one set)	4 – 16 Ω/ohms
SPEAKERS A and SPEAKERS B	4 (two sets)	8 – 16 Ω/ohms
SPEAKERS A and SPEAKERS B (Bi-wiring connection)	2 (one set)	4 – 16 Ω/ohms

■ Connecting the speaker cables

Carefully check the left (L) and right (R) channels and + (red) and – (black) polarities on the speakers being connected to this unit, and be sure to connect the channels and polarities correctly.

- 1 Peel off about 3/8 inch (10 mm) of sheathing from the tip of the speaker cable, then either twist the core wire tightly or terminate it.



- 2 Turn the speaker terminal counterclockwise to loosen it.



- 3 Insert the speaker cable's core wire to the hilt into the speaker terminal.



- 4 Turn the speaker terminal clockwise to tighten it.

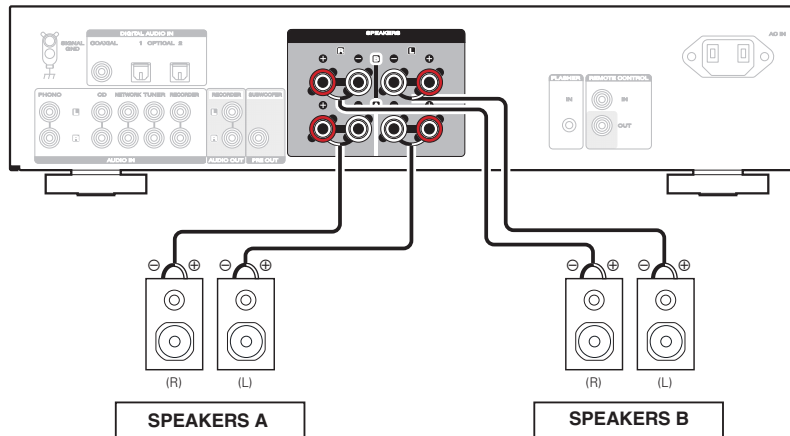


Speaker A/B connection

This unit is equipped with two sets of speaker terminals (SPEAKER A and SPEAKER B). One set of speakers can be connected to each set of terminals, and a total of two sets of speakers can be connected.

The same signal is output from the SPEAKERS A and SPEAKERS B terminals.

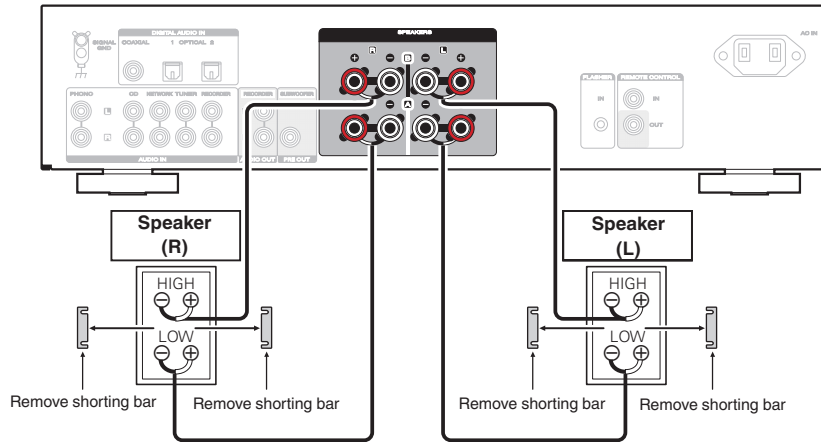
When only one set of speakers is to be connected, use either the SPEAKERS A or SPEAKERS B terminals.



Bi-wiring connection

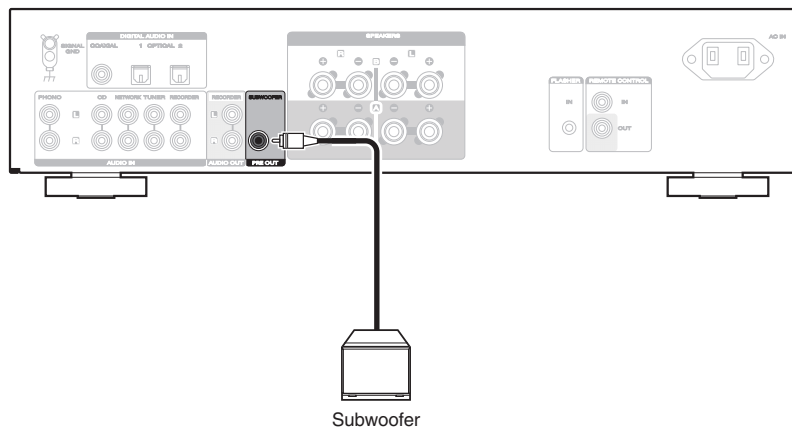
This connection limits the effects of signal interference between the high range speakers (tweeters) and low range speakers (woofers), allowing you to enjoy high quality playback.

When bi-wiring with bi-wireable speakers, connect the mid and high range terminals to SPEAKERS B (or SPEAKERS A), the low range terminals to SPEAKERS A (or SPEAKERS B).



Subwoofer connection

Use a subwoofer cable to connect the subwoofer.



- The subwoofer volume is linked to the Speaker A volume.
- This unit does not output to the subwoofer when not set to output audio from the SPEAKERS A terminal. (p. 27)

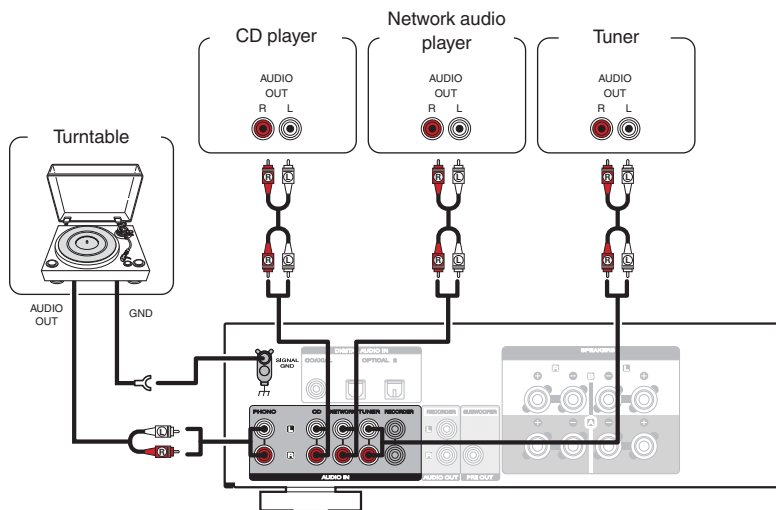


Connecting a playback device

You can connect turntables, CD players, network audio players and tuners to this unit.

This unit is compatible with turntables equipped with a moving magnet (MM) phono cartridge. When you connect to a turntable with a low output moving coil (MC) cartridge, use a commercially available MC head amp or a step-up transformer.

If you set this unit's input source to "PHONO" and you accidentally increase the volume without having a turntable connected, you may hear a hum noise from the speakers.

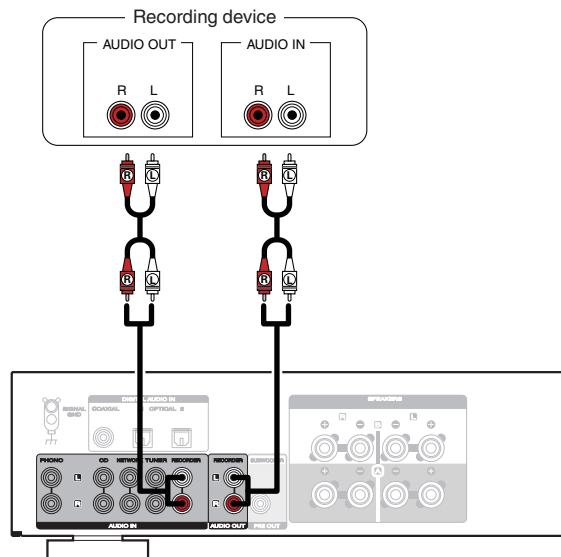


NOTE

- The earth terminal (SIGNAL GND) of this unit is not for safety grounding purposes. If this terminal is connected when there is a lot of noise, the noise can be reduced. Note that depending on the turntable, connecting the ground line may have the reverse effect of increasing noise. In this case, it is not necessary to connect the ground line.



Connecting a recording device



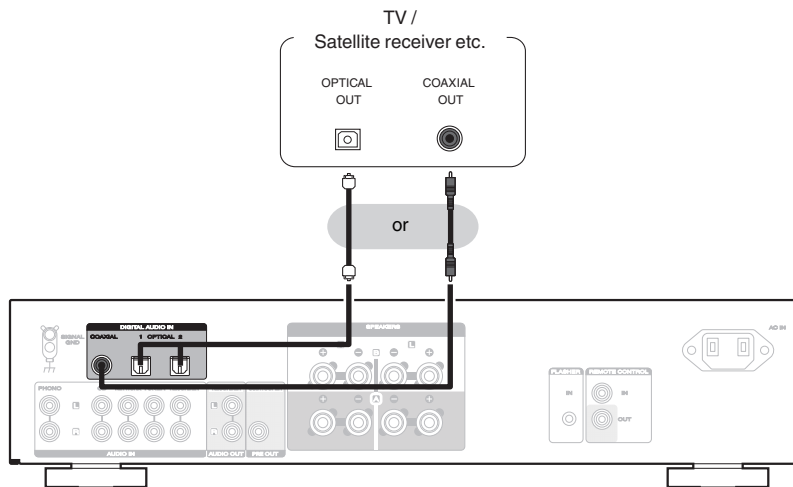
NOTE

- Never insert the short-circuiting pin plug into the recording output connectors (AUDIO OUT RECORDER). Doing so could result in damage.



Connecting to a device with digital audio output connectors

Use this connection to input digital audio signals to this unit, and convert the signals for playback using the D/A converter of this unit. (🔍 p. 29)



NOTE

- Linear PCM signals with a sampling frequency of 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, or 192 kHz can be input into this unit.
- Do not input non-PCM signals, such as Dolby Digital, DTS and AAC. This causes noise and could damage the speakers.

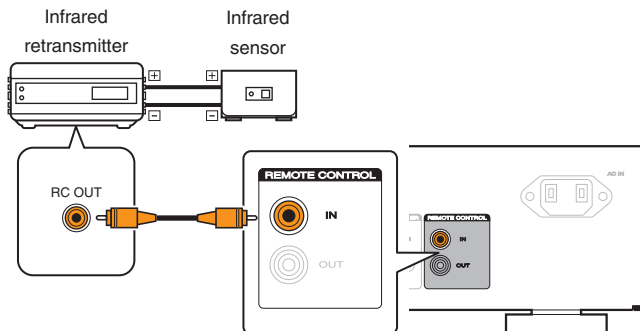


Connecting devices with remote control connectors

Performing operations by RC on this unit without visual contact

You can connect an external IR receiver to the REMOTE CONTROL connectors to perform operations on this unit with the supplied remote control unit without visual contact. This might be necessary if the unit is hidden in a cupboard or corner, so you can't directly point with the remote control unit to the device.

To do this, disable the remote control signal receiving function "Setting the remote signal receiving function" (☞ p. 33).



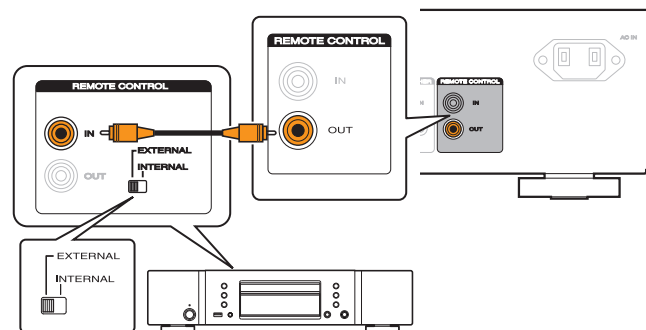
NOTE

- When a remote control receiver unit is not connected, be sure to enable the remote control signal receiving function. Operations cannot be performed with the remote control if this function is disabled.

Remotely connecting Marantz audio devices

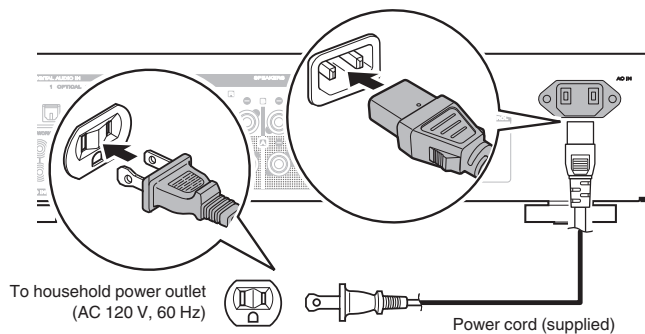
You can transmit remote control signals simply by connecting a Marantz audio device to the REMOTE CONTROL IN/OUT connectors using the remote connection cable provided with the device.

Set the remote control switch located on the rear panel of the connected audio component to "EXTERNAL" to use this feature.



Connecting the power cord

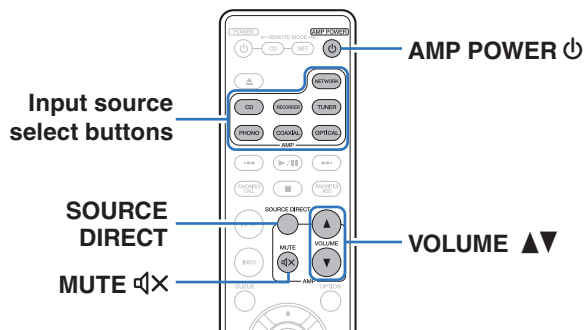
After completing all the connections, insert the power plug into the power outlet.



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Turning the power on

1 Press ⏻ on the main unit to turn the power on.

Input indicator for the selected source lights in blue.



- Press AMP POWER ⏻ on the remote control unit to turn on power from standby mode.
- You can also turn the INPUT SELECTOR on the main unit when the unit is in standby mode to turn on the power.

NOTE

- Turn VOLUME on the main unit to adjust the volume to the lowest level before turning on the power.

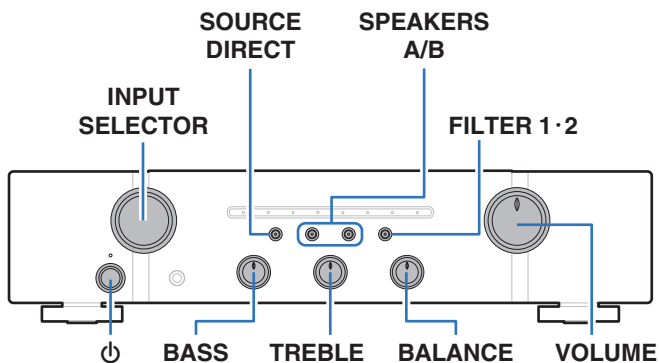
Switching the power to standby

1 Press AMP POWER ⏻ on the remote control.

The power indicator lights in red.

NOTE

- Power continues to be supplied to some of the circuitry even when the power is in the standby mode. When leaving home for long periods of time or when going on vacation, either press ⏻ on the main unit to turn off the power, or unplug the power cord from the power outlet.



Selecting the speakers for audio output

- 1 Use **SPEAKERS A/B** on the main unit to select the speaker system to be used for playback.

The indicator of the selected speakers lights.



- When using headphones, press **SPEAKERS A/B** to turn off all of the indicators and turn audio output from the speaker terminals off.

Selecting the input source

- 1 Press the **input source select button** to be played back.

The indicator of the selected input source lights in blue.



- You can also select the input source by turning **INPUT SELECTOR** on the main unit.

Adjusting the volume

- 1 Use **VOLUME ▲▼** to adjust the volume.



- You can also adjust the master volume by turning **VOLUME** on the main unit.

Turning off the sound temporarily (Muting)

- 1 Press **MUTE** .

The indicator of the currently set input source lights in red.



- To cancel mute, press **MUTE**  again.






Adjusting the tone and balance

- 1 Press SOURCE DIRECT to turn off source direct mode.**
The SOURCE DIRECT indicator turns off.
- 2 Turn the BASS, TREBLE and BALANCE on the main unit to adjust the tone.**

Playing CDs

This section uses playback from a CD as an example.

- 1 Press  on the main unit to turn the power on.**
- 2 Press the input source select button (CD) to switch the input source to “CD”.**
The “CD” input indicator lights in blue.
- 3 Playback the CD.**
- 4 Use VOLUME   to adjust the volume.**

■ Playback in source direct mode

The signal does not pass through the tone adjustment circuitry (BASS, TREBLE and BALANCE), resulting in playback of a higher sound quality.

- 1 Press SOURCE DIRECT to turn on source direct mode.**
The SOURCE DIRECT indicator lights.



Connecting and playing back from a digital device (Coaxial/Optical)

1 Connect digital device to this unit. (🔧 p. 22)

2 Press the input source select button (COAXIAL or OPTICAL) to switch the input source to COAXIAL, OPTICAL 1 or OPTICAL 2.

The indicator of the selected input source lights in blue.



- Pressing OPTICAL changes the input source to "OPTICAL 1" or "OPTICAL 2".

3 Start playback of the digital device connected to this unit.



- The "COAXIAL", "OPTICAL 1" or "OPTICAL 2" input indicator flashes in blue if this unit cannot detect the sampling frequency of the input signal.

4 Use VOLUME ▲▼ to adjust the volume.

Switching the filter characteristics

This unit is equipped with a sound quality adjusting function which allows users to enjoy the desired playback sound quality. This function only works when a digital audio signal is input.

1 Press FILTER 1•2.

This unit switches between Filter 1 and Filter 2 each time the button is pressed.

Filter Type	FILTER 1•2 indicator	Features
Filter 1 (Default)	Lights blue	Offers a short impulse response for both pre-echo and post-echo. Large amount of audio information clearly reproduces deep stereo imaging and the relative position of the sound source.
Filter 2	Lights purple	Both pre-echo and post-echo are slightly longer. The sound characteristics is edge and powerful.



■ Specifications of supported audio formats

See “D/A converter” (👉 p. 43).




- The FILTER 1·2 indicator lights only when the input source is “COAXIAL”, “OPTICAL 1” or “OPTICAL 2”.
- If the sampling frequency switches, the sound may be cut for 1–2 seconds.

NOTE

- Do not input non-PCM signals, such as Dolby Digital, DTS and AAC. This causes noise and could damage the speakers.

Recording

Audio signals input into this unit can be output to an external recording device. When recording audio from a playback device connected to this unit, audio can be recorded with the playback device still connected to this unit.

- 1 Press  on the main unit to turn the power on.**
- 2 Press the input source select button to switch to the input source from which you want to record.**
The indicator of the selected input source lights in blue.
- 3 Recording starts.**
 - For information on operations, see the owner’s manual of the recording device.



■ Contents

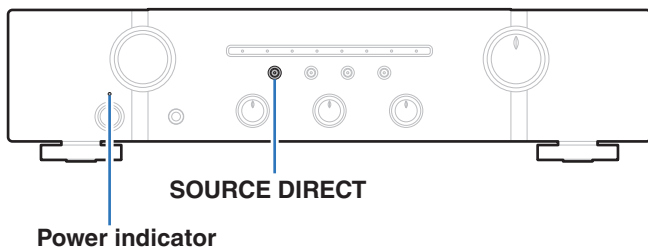
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Setting the Auto Standby mode

You can set the unit to automatically switch to standby mode if the unit is not operated for 30 minutes when there is no audio input (Auto Standby mode).

Auto Standby mode is set to off by default.



1 Press and hold SOURCE DIRECT for 5 seconds or more to switch it on and off.

The power indicator changes as follows each time it is switched on and off.

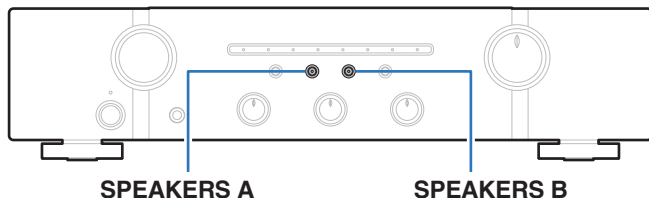
- When auto standby mode is on: The power indicator blinks in red three times.
- When auto standby mode is off: The power indicator blinks in red once.



Setting the remote signal receiving function

When you connect a IR receiver (sold separately) to the REMOTE CONTROL IN connector of this unit, use the following procedure to disable the remote signal receiving function of this unit. When the function is enabled, you can not perform operations with the remote control unit.

By default, this function is enabled.



Disabling the remote signal receiving function of the remote control unit

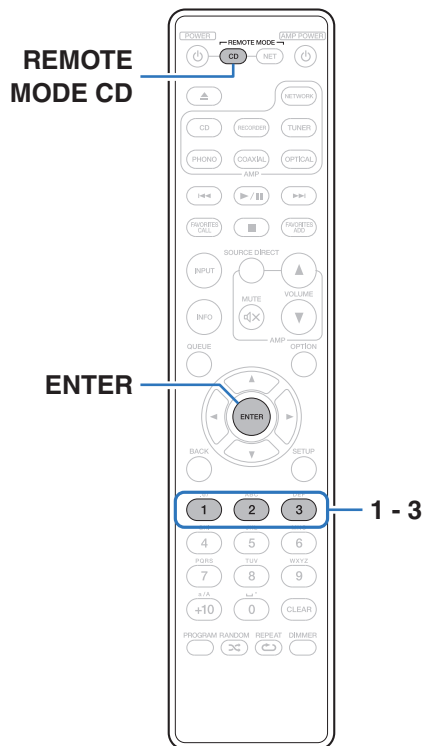
- 1 **Press SPEAKERS B for approximately 5 seconds to disable the remote control signal receiving function.**
The indicator of the currently set input source flashes in red three times.

Enabling the remote signal receiving function of the remote control unit

- 1 **Press SPEAKERS A for approximately 5 seconds to enable the remote control signal receiving function.**
The indicator of the currently set input source flashes in blue three times.



Setting remote control codes



Remote control codes are set between this unit and the supplied remote control. You can select one of the three types of remote control codes, and the remote control can be used to control the unit when the same remote control code is used. If three of these units are used in the same location, all three units can be controlled simultaneously using one remote control in the default settings. By setting individual remote control codes between a unit and the remote control, the remote control can be used to control only the unit that has the same remote control code.

Be sure to check the operation of each unit after setting the remote control codes.

The default setting is “AMP1”.



- Set the remote control cord to “AMP 1” when controlling this unit from a Marantz network audio player or other device connected using a remote connection cable to this unit. (p. 23)



Setting remote control codes for the remote control

■ To set the remote control codes to AMP1, AMP2 or AMP3

- 1 Hold down **REMOTE MODE CD** and one of the number **1, 2 or 3** buttons for more than 5 seconds.
 - Set the remote control code to AMP1, AMP2 or AMP3 according to the selected number button.

NOTE

- The remote control codes returns to the default settings when the batteries are removed. Set the remote control codes again after replacing the batteries.

Setting remote control codes for the main unit

- 1 Point the remote control for which the remote control code was set at the main unit, and press **REMOTE MODE CD** and **ENTER**.

The input indicators on the main unit flash as shown below according to the set remote control code.

Remote control codes	Input indicator
AMP 1	PHONO indicator flashes in red three times
AMP 2	CD indicator flashes in red three times
AMP 3	NETWORK indicator flashes in red three times



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Tips

I want to play TV audio at higher quality

- Connect the digital audio output connector of the TV to the digital audio input connector (COAXIAL, OPTICAL 1 or OPTICAL 2) of this unit, and switch the input source to the connected (COAXIAL, OPTICAL 1 or OPTICAL 2) connector. (👉 p. 22)
- Only 2-channel linear PCM can be input as the digital audio signal to this unit.

I want to adjust the tone myself

- Use the BASS, TREBLE and BALANCE knobs to adjust the sound as desired. (👉 p. 28)

I want sound playback that is faithful to the original sound

- Set the source direct mode on. (👉 p. 28)

I want to switch the filter to change the desired sound quality

- Switch the filter characteristics. (👉 p. 29)

I want to use bi-wiring compatible speakers

- This unit is compatible with bi-wiring connections. Enjoy high quality playback by using bi-wiring connections. (👉 p. 18)

I want to operate a Marantz CD player or network audio player using the remote control of this unit

- Switch the remote control operating mode. (“CD player operations” (👉 p. 11), “Network audio player operations” (👉 p. 13)) Also refer to the CD player or network audio player instruction manuals.

I want to use more than one unit in one location

- Set individual remote control codes for each combination of devices and remote control. (👉 p. 35)



Troubleshooting

If a problem should arise, first check the following:

1. **Are the connections correct?**
2. **Is the set being operated as described in the owner's manual?**
3. **Are the other devices operating properly?**

If this unit does not operate properly, check the corresponding symptoms in this section.

If the symptoms do not match any of those described here, consult your dealer as it could be due to a fault in this unit. In this case, disconnect the power immediately and contact the store where you purchased this unit.



Power does not turn on / Power is turned off

Power is not turned on.

- Check whether the power plug is correctly inserted into the power outlet. (🔍 p. 24)

Power automatically turns off.

- The Auto Standby mode is on. When approx. 30 minutes pass with no audio input and no operations on the unit, this unit automatically enters the standby mode. To turn off the Auto Standby mode, press the SOURCE DIRECT button for 5 seconds or longer. (🔍 p. 32)

The power turns off and the power indicator shows one long blink and two short blinks in red.

- This unit's amplifier circuit has failed. Unplug the power cord and contact our customer service center.

The power turns off and the power indicator shows one long blink and three short blinks in red.

- This unit's power circuit has failed. Unplug the power cord and contact our customer service center.

The power turns off and the power indicator shows one long blink and four short blinks in red.

- The protection circuit has been activated due to a rise in temperature within this unit. Turn the power off, wait about an hour until this unit cools down sufficiently, and then turn the power on again.
- Please re-install this unit in a place having good ventilation.
- Stop playback on the playback device, and then turn the power off and on again.

The power turns off and the power indicator shows one long blink and five short blinks in red.

- Check the speaker connections. The protection circuit may have been activated because speaker cable core wires came in contact with each other or a core wire was disconnected from the connector and came in contact with the rear panel of this unit. After unplugging the power cord, take corrective action such as firmly re-twisting the core wire or taking care of the connector, and then reconnect the wire. (🔍 p. 16)
- Turn down the volume and turn on the power again.
- Stop playback on the playback device, and then turn the power off and on again.
- This unit's amplifier circuit or power circuit has failed. Unplug the power cord and contact our customer service center.



Operations cannot be performed through the remote control unit

Operations cannot be performed through the remote control unit.

- Batteries are worn out. Replace with new batteries. (👉 p. 5)
- Operate the remote control unit within a distance of about 23 ft/7 m from this unit and at an angle of within 30°. (👉 p. 5)
- Remove any obstacle between this unit and the remote control unit.
- Insert the batteries in the proper direction, checking the ⊕ and ⊖ marks. (👉 p. 5)
- The set's remote control sensor is exposed to strong light (direct sunlight, inverter type fluorescent bulb light, etc.). Move the set to a place in which the remote control sensor will not be exposed to strong light.
- When using a 3D video device, the remote control unit of this unit may not function due to effects of infrared communications between units (such as TV and glasses for 3D viewing). In this case, adjust the direction of units with the 3D communications function and their distance to ensure they do not affect operations from the remote control unit of this unit.
- Enable the remote signal receiving function. (👉 p. 33)
- The remote control code between this unit and the remote control is different. Set this unit and the remote control to the same remote control code. (👉 p. 34)



No sound comes out

No sound comes out of speakers.

- Check the connections for all devices. (👉 p. 15)
- Insert connection cables all the way in.
- Check that input connectors and output connectors are not reversely connected.
- Check cables for damage.
- Check that speaker cables are properly connected. Check that cable core wires come in contact with the metal part on speaker terminals. (👉 p. 16)
- Securely tighten the speaker terminals. Check speaker terminals for looseness. (👉 p. 16)
- Check that the proper input source is selected. (👉 p. 27)
- The volume is set to the minimum level. Adjust the volume to a suitable level. (👉 p. 27)
- Cancel the muting mode. (👉 p. 27)
- Check the settings of the SPEAKERS A/B buttons. (👉 p. 27)

The COAXIAL, OPTICAL 1 or OPTICAL 2 input indicator is flashing.

- Check the connection of the Coaxial digital cable or Optical cable. (👉 p. 22)
- Set the Digital Audio output signal of the connected device to 2 channel linear PCM. (👉 p. 43)

Desired sound does not come out

No sound comes out of a specific speaker.

- Check that speaker cables are properly connected. (👉 p. 16)
- Adjust the BALANCE control knob. (👉 p. 28)

The left and right of stereo sound is reversed.

- Check whether the left and right speakers are connected to the correct speaker terminals. (👉 p. 17)



Sound is interrupted or noise occurs

When playing a record, the sound is distorted.

- Adjust to a proper needle pressure.
- Check the tip of the needle.
- Replace the cartridge.

When playing a record, a humming noise comes out of the speakers.

- Check that the turntable is connected correctly. (🔗 p. 20)
- If there is a TV or AV device near the turntable, such devices may affect the playback sound. Install the turntable in a location as far away as possible from the TV or other AV devices.

When playing a record, a humming noise comes out of the speakers when the volume is high. (Howling phenomenon)

- Install the turntable and speakers as far from each other as possible. (🔗 p. 20)
- The vibrations from the speakers are being transmitted to the player through the floor. Use cushions, etc., to absorb the speakers' vibrations.

FILTER 1·2 indicator does not light

FILTER 1·2 indicator does not light

- The FILTER 1·2 indicator lights only when the input source is "COAXIAL", "OPTICAL 1" or "OPTICAL 2". Switch the input source to "COAXIAL", "OPTICAL 1" or "OPTICAL 2". (🔗 p. 29)



D/A converter

■ Specifications of supported audio formats

□ Coaxial/Optical 1/Optical 2

	Sampling frequency	Bit length
Linear PCM (2-channel)	32/44.1/48/88.2/96/ 176.4/192 kHz	16/24 bits



- When a digital sound signal that has a sampling frequency that is not supported by this unit is input, the input indicator (COAXIAL, OPTICAL 1 or OPTICAL 2) flashes.

Explanation of terms

Sampling frequency

Sampling involves taking a reading of a sound wave (analog signal) at regular intervals and expressing the height of the wave at each reading in digitized format (producing a digital signal).

The number of readings taken in one second is called the “sampling frequency”. The larger the value, the closer the reproduced sound is to the original.

Speaker impedance

This is an AC resistance value, indicated in Ω (ohms). Greater power can be obtained when this value is smaller.

Source direct

Playback with higher fidelity to the source becomes possible, as input audio signals are output by bypassing the audio quality-control circuits (BASS/TREBLE/BALANCE).

Protection circuit

This is a function to prevent damage to devices within the power supply when an abnormality such as an overload, excess voltage occurs or over temperature for any reason.



Trademark information



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Specifications

- **RMS Power output (20 Hz – 20 kHz simultaneous drive of both channels) :**
 - 45 W x 2 (8 Ω /ohms load)
 - 60 W x 2 (4 Ω /ohms load)
- **Total harmonic distortion (20 Hz – 20 kHz simultaneous drive of both channels, 8 Ω /ohms load) :** 0.08 %
- **Output band width (8 Ω /ohms load, 0.06 %) :** 10 Hz – 50 kHz
- **Frequency response (CD, 1 W, 8 Ω /ohms load) :** 10 Hz – 70 kHz +0 dB, –1 dB
- **Damping factor (8 Ω /ohms load, 40 Hz – 20 kHz) :** 100
- **Input sensitivity/Input impedance**
 - PHONO (MM) :** 2.2 mV/47 k Ω /kohms
 - CD, TUNER, NETWORK, RECORDER :** 200 mV/20 k Ω /kohms
- **Output voltage**
 - SUBWOOFER OUT :** 2.8 V (200 mV input, Volume MAX)
- **Maximum allowable PHONO input level (1 kHz) MM :** 100 mV
- **RIAA deviation (20 Hz – 20 kHz) :** \pm 1.0 dB
- **S/N (IHF-A, 8 Ω /ohms load)**
 - PHONO (MM) :** 83 dB (5 mV input, 1 W output)
 - CD, TUNER, NETWORK, RECORDER :** 102 dB (2 V input, Rated output)
- **Headphone output:** 50 mW/32 Ω /ohms

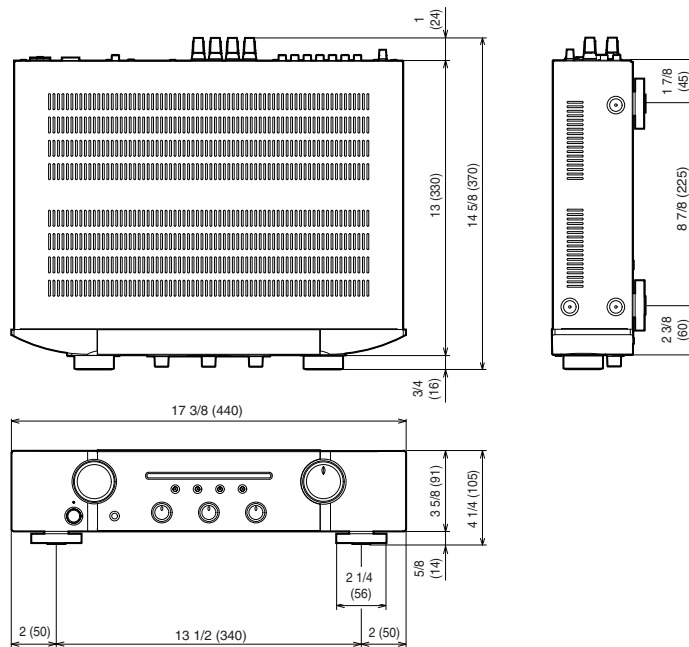


- **Tone Control**
 - BASS (50 Hz) :** ± 10 dB
 - TREBLE (15 kHz) :** ± 10 dB
- **Digital input**
 - Coaxial :** 0.5 Vp-p
 - Optical :** -27 dBm or later
- **Operating temperature:** +5 °C - +35 °C
- **Power supply :** AC 120 V, 60 Hz
- **Power consumption :** 155 W
- **Power consumption in standby mode :** 0.3 W

For the purpose of improvement, the specifications and design are subject to change without notice.



■ Dimensions (Unit : in. (mm))



■ Weight : 17 lb 3 oz (7.8 kg)



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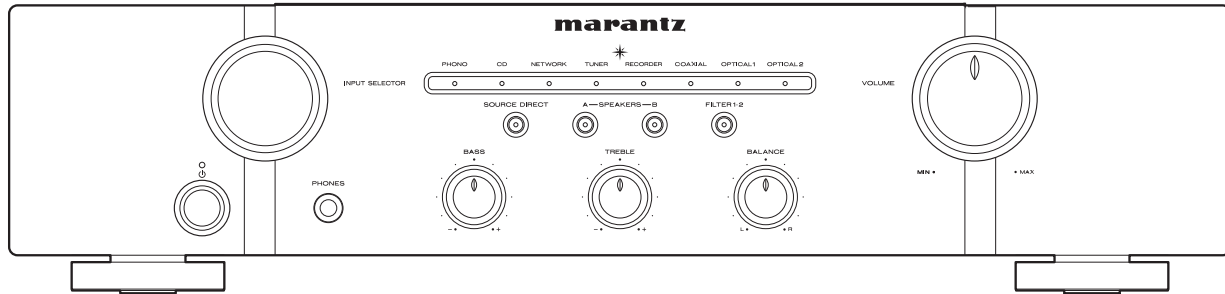
You can find your nearest authorized distributor or dealer on our website.

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marantz



PM6007 | Integrated Amplifier

QUICK START GUIDE

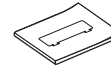
Welcome

Thank you for choosing a Marantz amplifier. This guide provides step-by-step instructions for setting up your amplifier.

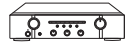
Before You Begin

What's In the Box

Quick Start Guide



Amplifier



Owner's Manual



Power cord



Safety Instructions



Remote control unit (RC004PMCD)



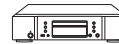
Warranty (for USA/ for CANADA)



R03/AAA batteries



Required for Setup



CD Player



Speaker systems



Speaker cables



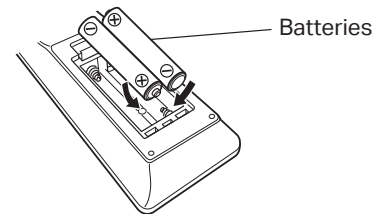
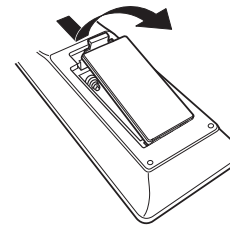
These drawings are for illustrative purposes only and may not represent the actual product(s).

Setup

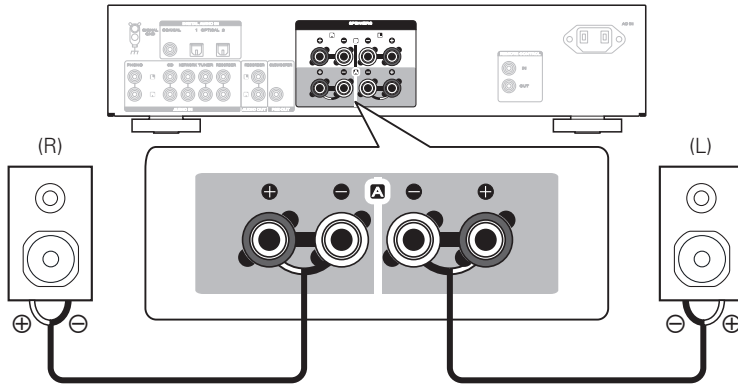
There are six steps to the setup process.

- 1 Install batteries in the remote control unit
- 2 Connect the speakers to PM6007
- 3 Connect the CD player to PM6007
- 4 Plug the power cord into a power outlet
- 5 Turn on the power of PM6007 and then set the speakers for audio output to SPEAKERS A
- 6 Begin CD playback

1 Install batteries in the remote control unit



2 Connect the speakers to PM6007



Connecting the speaker cables

① Peel off about 3/8 inch (10 mm) of sheathing from the tip of the speaker cable, then either twist the core wire tightly or apply solder to it.



② Turn the speaker terminal counterclockwise to loosen it.



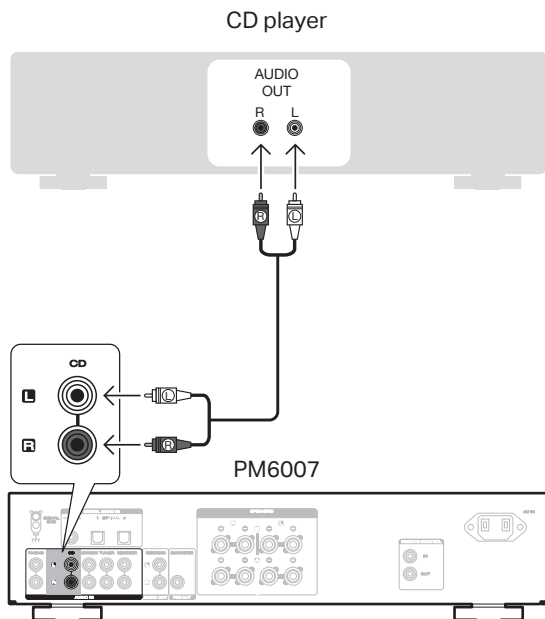
③ Insert the speaker cable's core wire to all the way into the speaker terminal.



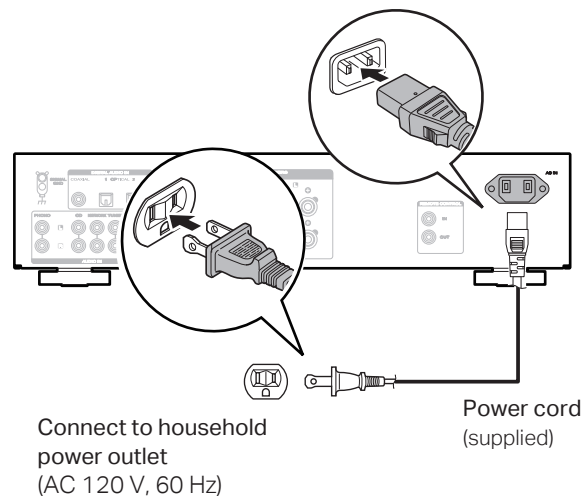
④ Turn the speaker terminal clockwise to tighten it.



3 Connect the CD player to PM6007

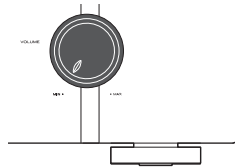


4 Plug the power cord into a power outlet

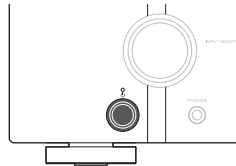


5 Turn on the power of PM6007 and then set the speakers for audio output to **SPEAKERS A**

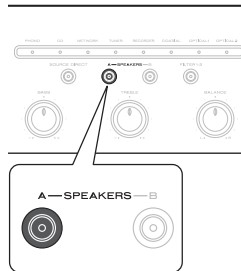
- 1 Reduce the volume to the minimum level.



- 2 Press the power operation button.



- 3 Press **SPEAKERS A**. The **SPEAKERS A** indicator lights and the speakers for audio output are set to **SPEAKERS A**.

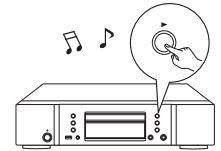


6 Begin CD playback

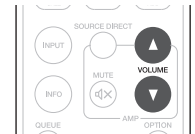
- 1 Set the input source to "CD".



- 2 Play the CD player.



- 3 Adjust the volume.



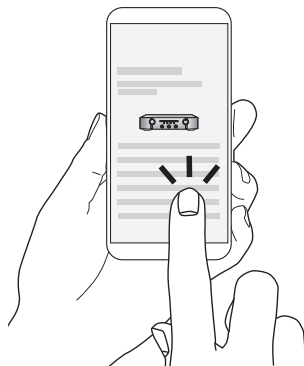
Owner's Manual

- Refer to the Online Manual for other functions information and operation procedure details.

manuals.marantz.com/PM6007/NA/EN/



Online Manual



- For more information, visit www.marantz.com

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You can find your nearest authorized distributor or dealer on our website.

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marantz

The Most Musical Sound



PM6007

Integrated Amplifier

The PM6007 delivers Marantz' most musical sound and is an ideal choice for those ready to take the next step in their 2-channel Hi-Fi system. Powered by a Toroidal power transformer and customized block capacitors, the PM6007 integrated amplifier delivers 45 watts (8ohm, 20Hz-20kHz). You can easily connect both analog and digital sources or connect your turntable to the built-in phono MM pre-amp with FET input.

- Take your next step in Hi-Fi: The PM6007 integrated current feedback amplifier powers 2x 45W (8 ohms RMS, 20Hz – 20kHz) to offer a refined audio experience.
- Meticulously and masterfully tuned: During the extensive tuning process, Marantz sound masters carefully refine and curate each component for optimal performance.
- Wide range of connectivity: Experience Hi-Res audio files exactly as intended through the following gold-plated inputs: 5 analog inputs, one coaxial input and two optical digital inputs.
- An updated audio experience: The newly updated, high-quality DAC AK4490 offers a cleaner sound for your enjoyment.
- Digital filter modes for Optical/Coaxial input: Listen to a more refined audio experience to fit your taste with the new digital filter mode feature.
- Built to perform: In addition to high-quality speaker terminals with A/B switching capability, a fully-shielded DAC unit, and copper screws, the rigid feet provide a true-to-performance sound.
- Marantz proprietary HDAM-SA3 circuit: You will experience a wider dynamic range with lower distortion for the output stage.
- Advanced Thermal Compensation: No memory distortion for clean and precise audio reproduction even after powerful bass attacks.
- Customized components for a more refined sound: The Toroidal Transformer and high-quality, customized components deliver exceptional sound quality.
- Integrated phono input: Featuring a high-quality MM phono pre-amp with FET input to enjoy best signal purity and sound from your favorite vinyl.
- Enjoy deeper bass with a subwoofer output: Enjoy powerful bass by adding a subwoofer, companion bookshelf speakers or even further extend bass with the addition of floor standing speakers.
- Available in black or silver-gold

Modern Musical Luxury

45w X 2ch

CURRENT
FEEDBACK

HDAM SA3

TOROIDAL
TRANSFORMER

DAC
MODE

Shottky
Diodes

MM
Phono

CUSTOMIZED
COMPONENTS

PM6007

Technical Specs



Features	
Channels	2
Current Feedback Topology	•
Full balanced circuitry architecture	•
Double Mono Power Amp construction	-
Phono EQ: Standard / Marantz Musical / Marantz Musical Premium	• / - / -
Digital in: USB-B / optical / coaxial / USB-A	- / 2 / 1 / -
Sample Rate digital In	192 kHz / 24-bit
USB-A: DSD / WAV / FLAC / AIFF / ALAC	-
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6	-
USB-B PCM sample rate	-
DAC chip	AK4490
Asynchronous mode rear USB	-
Bit-perfect transmission	-
Ground isolator for DAC Mode operation	-
Tuner: FM / AM	-
Bluetooth / aptX / NFC	-
Streaming audio from PC	-
Wi-Fi / Wired LAN	-
Internet radio	-
AirPlay 2	-
Roon Tested	-
Spotify Connect* / Tidal* / Deezer* / others *	-
Amazon Prime Music* / Pandora*	-
HEOS Multiroom and Streaming	-
Voice Control - Works with Amazon Alexa	-
Voice Control - Google Assist / Apple Siri	-
Voice Control - Microphone built-in	-
DSD-Audio network streaming	-
Lossy formats: MP3 / WMA / AAC	-
Lossless formats: DSD / FLAC HD 192/24 / ALAC 96/24 / WAV 192/24 / AIFF	-
Gapless Playback	-
Remote APP: iDevice / Android	-
Analog Mode	-
HDAM version	SA3
Power Transformer: Toroidal / EI	• / -
High Grade Audio Components	•
Customised Components	•
Symmetric PCB Layout	-
Aluminium extrusion heat sink	•
Copper plated chassis	-
Tri Tone Control (Bass / Mid / Treble)	-
Balance / Bass / Treble / Loudness	• / • / • / -
Other	
Marantz Musical Digital Filtering	•
Linear Drive Power Supply	•
Linear volume control	•
BI-AMP and Multichannel option	-
Shottky diodes	•
Input buffer amp (all inputs / CD only)	- / -
System block shielding: Copper / metal / none	- / - / •
Double Layer Bottom Plate	-
Low Noise OLED display	-
Low noise LCD display	-
Source Direct	•
Power Amp direct	-
5mm aluminium top plate	-

Inputs / Outputs	
Audio Inputs	5
Digital in: USB-B / optical / coaxial / USB-A	- / 2 / 1 / -
Phono Input: MM / MC	• / -
Audio Outputs	1
Balanced In / Out	- / -
Pre-out / Main-in	subwoofer / -
Power Amp Direct IN	-
HDMI: inputs / outputs	-
Gold Plated Cinch	•
Speaker A / B	•
Speaker Terminals:	Metal (Gold) Screw
Number of terminals	4
D-Bus	•
Floating Control Bus (3.5 mm mono jack x 2)	-
Headphone Out	•
Headphone Gain Control (low / mid / high)	-
Specifications	
Power Output (8 / 4 Ohm RMS)	45 W / 60 W
Frequency Response	10 Hz - 70 kHz
Total Harmonic Distortion	0.08 %
Damping Factor	100
Input Sensitivity: MM	2.2 mV / 47 kOhm
Input Sensitivity: MC	-
Signal to Noise Ratio: MM/MC	83 dB / -
Input Sensitivity: High level	200 mV / 20 kOhm
Input Sensitivity: Balanced High level	-
Signal to Noise Ratio: High level	102dB(2V input)
Input Sensitivity: Power Amp Direct IN	-
Signal to Noise Ratio: Power Amp Direct IN	-
General	
Available colors: Gold / Silver / Black / Silver-Gold	- / - / • / •
Metal Front Panel	•
Power Consumption in W	155
Standby Consumption in W	0.3
Auto Power off	•
Detachable Power Cable	•
Remote Control	RC004MCD
System Remote Function	•
Maximum Dimensions (W x D x H) in Inches	17.3" x 14.6" x 4.1"
Weight in LBS	16.8
Carton Maximum Dimensions (W x D x H) in Inches	20.4" x 18.4" x 7.4"
Carton Weight (inc. product) in LBS	21.4

For U.S.A.

marantz®

Limited Warranty

Marantz America, Inc. ("Marantz") warrants the following Marantz Products for the periods indicated:

1. The following Marantz Audio/Video components, have a 3 year warranty for both Parts & Labor, from the original purchase date:

Amplifiers, Pre Amplifiers, Pre Amplifier-Processor-Tuners, Integrated Amplifiers, Tuners, Receivers, Blu-ray DVD SA-CD/CD Players/Changers, Learning Remote Control Devices, iPod Docks & DLP front Projectors.

2. **DLP lamps** have a 90 day warranty for parts and labor from the original purchase date.

What is covered and what is not covered

Except as specified below, this warranty covers parts and labor to correct all defects in materials and workmanship. The following are not covered by the warranty:

1. Damage, deterioration, malfunction or failure to meet performance specifications resulting from:
 - a) Accident, acts of nature, misuse, abuse, neglect or unauthorized product modification.
 - b) Improper installation, removal or maintenance, or failure to follow instructions supplied with the product.
 - c) Repair or attempted repair by anyone not authorized by Marantz to repair the product.
 - d) Any shipment of the product (claims must be presented to the carrier).
 - e) Any cause other than a product defect.
2. Cleaning, initial set-up, check-ups with no defects found, or charges incurred for installation, removal or reinstallation of the product.
3. Any product on which the serial number has been defaced, modified or removed.
4. Batteries.
5. Accessories, including but not limited to, batteries, cables, mounting hardware and brackets, cleaning accessories, antenna and detachable power cords.
6. Warranty is void if purchase was made from anyone other than an authorized Marantz dealer.

Who may enforce the warranty

This warranty extends only to the original purchaser, not subsequent owners.

What we will pay for

We will pay for all labor and material expenses for items covered by the warranty. Payment of shipping charges is discussed in the next section of this warranty.

How you can get service

1. If your unit needs service, contact Marantz customer service by calling **201-762-6666**. We will advise you of the name and location of one or more authorized Marantz service stations from which service can be obtained. Please do not return your unit to the factory without prior authorization.
2. You must pay any shipping charges if it is necessary to ship the product for service. However, if the necessary repairs are covered under warranty, we will pay the return shipping charges to any destination within the United States, its possessions or territories.
3. Whenever warranty service is required, you must present the original dated sales receipt or other proof of date of purchase.

Limitation of implied warranties

All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited in duration to the length of this warranty and are limited in scope to the terms contained in this warranty. All other warranties are hereby disclaimed.

Exclusion of damages

Marantz liability for any defective product is limited to repair or replacement of the product at Marantz's option. Marantz shall not be liable for damage to other products caused by any defects in Marantz products, damages based upon inconvenience or loss of use of the product, or any other damages, whether incidental, consequential, or otherwise.

How state law relates to the warranty

Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Marantz America, LLC.

100 Corporate Drive,
Mahwah, NJ, 07430-2041
Phone. 201-762-6666

For CANADA

marantz®

MARANTZ CANADA LIMITED WARRANTY

Marantz Canada ("Marantz") warrants the following Marantz products for the periods indicated:

3-year warranty for both Parts & Labour, from the original purchase date :

Amplifiers; Pre Amplifiers; Pre Amplifier-Processor-Tuners; Integrated Amplifiers; AV Pre Tuner; Tuners; Receivers; AV Surround Receiver; Blu-ray DVD Super Audio CD/CD Players/Changers; CD Receiver; Turntable; Network Audio Player; D/A Converter; Learning Remote Control Devices; iPod Docks & DLP front Projectors.

90 day warranty for parts and labour from the original purchase date :

DLP lamps

What is Covered and What is Not Covered

Except as specified below, this warranty covers parts and labor to correct all defects in materials and workmanship. The following are not covered by the warranty:

1. Damage, deterioration, malfunction or failure to meet performance specifications resulting from:
 - a) Accident; acts of nature; misuse; abuse; neglect; unauthorized product modification.
 - b) Improper installation, removal or maintenance, or failure to follow instructions supplied with the product.
 - c) Repair or attempted repair by anyone not authorized by Marantz to repair the product.
 - d) Any shipment of the product (claims must be presented to the carrier)
 - e) Any cause other than a product defect
2. Cleaning, initial set-up, check-ups with no defects found, or charges incurred for installation, removal or reinstallation of the product.
3. Any product on which the serial number has been defaced, modified or removed.
4. Accessories, including but not limited to, batteries, cables, mounting hardware and brackets, cleaning accessories, antenna and detachable power cords.
5. Warranty is void if purchase was made from anyone other than an authorized Marantz dealer.

Who May Enforce the Warranty

Only the original purchaser may enforce this warranty.

What We Will Pay For

We will pay for all labor and material expenses for items covered by the warranty. Payment of shipping charges is discussed in the next section of this warranty.

How You Can Get Service

1. If your unit needs service, please first contact your dealer to see what support services they do offer. You can also contact one of our Authorized Marantz Service Centers as per our website <http://ca.marantz.com/162.asp> or contact us directly as below. Please do not return your unit to the factory without prior authorization.
2. You must pay any shipping charges if it is necessary to ship the product for service. However, if the necessary repairs are covered under warranty, we will pay the return shipping charges to any destination within Canada.
3. Whenever warranty service is required, you must present the original dated sales receipt or other proof of date of purchase.

Limitation of Implied warranties

All implied warranties, including warranties of merchantability and fitness for a particular purchase, are limited in duration to the length of this warranty.

Exclusion of damages

Marantz liability for any defective product is limited to repair or replacement of the product at Marantz's option. Marantz shall not be liable for damage to other products caused by any defects in Marantz products, damages based upon inconvenience or loss of use of the product, or any other damages, whether incidental, consequential, or otherwise.

Some provinces do not allow limitations on how long an implied warranty lasts and/or does not allow the exclusion of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

This warranty gives you specific legal rights, but you may also have other rights, which vary from province to province.

MARANTZ Canada

Marantz Canada, LLC. a division of
D&M Canada LLC.
10462 Islington Ave. Unit 8B
Kleinburg, Ontario L0J 1C0 Canada

Marantz Customer Service hours:
10:00 AM to 10:00 PM EST, M-F
12:00 PM to 8:00 PM EST, SAT
Tel: 800-654-6633

www.marantz.com

Safety Instructions (Read these safety instructions before operating the unit.)

marantz

SAFETY PRECAUTIONS

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

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.

WARNING:
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT SAFETY INSTRUCTIONS

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.
15. Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.



FCC INFORMATION (For US customers)

1. COMPLIANCE INFORMATION

This product complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this product may not cause harmful interference, and (2) this product must accept any interference received, including interference that may cause undesired operation.

Marantz America, LLC (a D&M Holdings Company)
100 Corporate Drive, Mahwah, NJ, 07430, U.S.A.
Tel. 201-762-6500

2. IMPORTANT NOTICE: DO NOT MODIFY THIS PRODUCT

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modification not expressly approved by Marantz may void your authority, granted by the FCC, to use the product.

3. NOTE

This product 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 product 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 product does cause harmful interference to radio or television reception, which can be determined by turning the product 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 product into an outlet on a circuit different from that to which the receiver is connected.
- Consult the local retailer authorized to distribute this type of product or an experienced radio/TV technician for help.

4. IMPORTANT (For Network model)

When connecting this product to network hub or router, use only a shielded STP or ScTP LAN cable which is available at retailer. Follow all installation instructions. Failure to follow instructions could void your authority, granted by the FCC, to use the product.

5. CAUTION (For Bluetooth/Wi-Fi model)

- To comply with FCC RF exposure compliance requirement, separation distance of at least 20 cm must be maintained between this product and all persons.
- This product and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

IC INFORMATION (For Canadian customers)

CAN ICES-3(B)/NMB-3(B)

CAUTION:

To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet. The mains plug is used to completely interrupt the power supply to the unit and must be within easy access by the user.

PRECAUTION:

Pour déconnecter complètement ce produit du courant secteur, débranchez la prise de la prise murale. La prise secteur est utilisée pour couper complètement l'alimentation de l'appareil et l'utilisateur doit pouvoir y accéder facilement.

PRECAUCIÓN:

Para desconectar completamente este producto de la alimentación eléctrica, desconecte el enchufe del enchufe de la pared. El enchufe de la alimentación eléctrica se utiliza para interrumpir por completo el suministro de alimentación eléctrica a la unidad y debe de encontrarse en un lugar al que el usuario tenga fácil acceso.

ATENÇÃO:

Para desligar este produto completamente da tomada de alimentação, retire a ficha da tomada de alimentação. A ficha da tomada de alimentação é utilizada para cortar completamente a alimentação de corrente à unidade e tem de estar facilmente acessível ao utilizador.

NOTES ON USE / OBSERVATIONS RELATIVES A L'UTILISATION / NOTAS SOBRE EL USO / NOTAS SOBRE A UTILIZAÇÃO

WARNINGS	AVERTISSEMENTS	ADVERTENCIAS	AVISOS
<ul style="list-style-type: none"> • Avoid high temperatures. • Allow for sufficient heat dispersion when installed in a rack. • Handle the power cord carefully. • Hold the plug when unplugging the cord. • Keep the unit free from moisture, water, and dust. • Unplug the power cord when not using the unit for long periods of time. • Do not obstruct the ventilation holes. • Do not let foreign objects into the unit. • Do not let insecticides, benzene, and thinner come in contact with the unit. • Never disassemble or modify the unit in any way. • Ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths or curtains. • Naked flame sources such as lighted candles should not be placed on the unit. • Observe and follow local regulations regarding battery disposal. • Do not expose the unit to dripping or splashing fluids. • Do not place objects filled with liquids, such as vases, on the unit. • Do not handle the mains cord with wet hands. • When the switch is in the OFF (STANDBY) position, the equipment is not completely switched off from MAINS. • The equipment shall be installed near the power supply so that the power supply is easily accessible. • Do not keep the battery in a place exposed to direct sunlight or in places with extremely high temperatures, such as near a heater. • Do not bend forcibly the plug on the equipment for the connection between the connector and micro USB/USB cable. 	<ul style="list-style-type: none"> • Éviter des températures élevées. • Tenir compte d'une dispersion de chaleur suffisante lors de l'installation sur une étagère. • Manipuler le cordon d'alimentation avec précaution. • Tenir la prise lors du débranchement du cordon. • Protéger l'appareil contre l'humidité, l'eau et la poussière. • Débrancher le cordon d'alimentation lorsque l'appareil n'est pas utilisé pendant de longues périodes. • Ne pas obstruer les trous d'aération. • Ne pas laisser des objets étrangers dans l'appareil. • Ne pas mettre en contact des insecticides, du benzène et un diluant avec l'appareil. • Ne jamais démonter ou modifier l'appareil d'une manière ou d'une autre. • Ne pas recouvrir les orifices de ventilation avec des objets tels que des journaux, nappes ou rideaux. Cela entraverait la ventilation. • Ne jamais placer de flamme nue sur l'appareil, notamment des bougies allumées. • Veillez à respecter les lois en vigueur lorsque vous jetez les piles usagées. • L'appareil ne doit pas être exposé à l'eau ou à l'humidité. • Ne pas poser d'objet contenant du liquide, par exemple un vase, sur l'appareil. • Ne pas manipuler le cordon d'alimentation avec les mains mouillées. • Lorsque l'interrupteur est sur la position OFF (STANDBY), l'appareil n'est pas complètement déconnecté du SECTEUR (MAINS). • L'appareil sera installé près de la source d'alimentation, de sorte que cette dernière soit facilement accessible. • Ne placez pas la pile dans un endroit exposé à la lumière directe du soleil ou dans des endroits présentant des températures extrêmement élevées, par exemple près d'un radiateur. • Ne pliez pas la fiche sur l'appareil en forçant pour connecter la borne au câble micro USB/USB. 	<ul style="list-style-type: none"> • Evite altas temperaturas. • Permita la suficiente dispersión del calor cuando está instalado en la consola. • Maneje el cordón de energía con cuidado. • Sostenga el enchufe cuando desconecte el cordón de energía. • Mantenga el equipo libre de humedad, agua y polvo. • Desconecte el cordón de energía cuando no utilice el equipo por mucho tiempo. • No obstruya los orificios de ventilación. • No deje objetos extraños dentro del equipo. • No permita el contacto de insecticidas, gasolina y diluyentes con el equipo. • Nunca desarme o modifique el equipo de ninguna manera. • La ventilación no debe quedar obstruida por haberse cubierto las aperturas con objetos como periódicos, manteles o cortinas. • No deberán colocarse sobre el aparato fuentes inflamables sin protección, como velas encendidas. • A la hora de deshacerse de las pilas, respete la normativa para el cuidado del medio ambiente. • No exponer el aparato al goteo o salpicaduras cuando se utilice. • No colocar sobre el aparato objetos llenos de líquido, como jarras. • No maneje el cable de alimentación con las manos mojadas. • Cuando el interruptor está en la posición OFF (STANDBY), el equipo no está completamente desconectado de la alimentación MAINS. • El equipo se instalará cerca de la fuente de alimentación de manera que resulte fácil acceder a ella. • No coloque las pilas en un lugar expuesto a la luz directa del sol o donde la temperatura sea extremadamente alta, como cerca de una calefacción. • No doble a la fuerza la clavija del equipo para la conexión entre el conector y el cable micro USB/USB. 	<ul style="list-style-type: none"> • Evite temperaturas altas. • Assegure una suficiente dispersão do calor quando a unidade for instalada numa prateleira. • Manuseie o cabo de alimentação com cuidado. • Puxe pela ficha quando desligar o cabo de alimentação. • Mantenha a unidade afastada da humidade, da água e do pó. • Desligue o cabo de alimentação quando não estiver a utilizar a unidade por longos períodos de tempo. • Não obstrua os orifícios de ventilação. • Não deixe objectos estranhos dentro da unidade. • Não permita que insecticidas, benzina e diluente entrem em contacto com a unidade. • Nunca desmonte ou modifique de alguma forma a unidade. • A ventilação não deve ser obstruída, tapando as aberturas de ventilação com objectos, como jornais, toalhas ou cortinas. • Não devem ser colocadas junto à unidade fontes de chama aberta, como velas acesas. • Respeite as regulamentações locais relativas à eliminação de pilhas. • Não exponha a unidade a gotejamento ou salpicos de líquidos. • Não coloque objectos com líquidos, como jarras, em cima da unidade. • Não manuseie o cabo de alimentação com as mãos molhadas. • Quando o interruptor se encontra na posição OFF (STANDBY), o equipamento não está completamente desligado da REDE ELÉCTRICA (MAINS). • O equipamento deve ser instalado junto da fonte de alimentação, para que a fonte de alimentação esteja facilmente acessível. • Não mantenha a pilha num local directamente exposto à luz solar ou em locais com temperaturas extremamente elevadas, tal como perto de um aquecedor. • Não dobre forcibly o plugue do equipamento para a conexão entre o conector e cabo USB / micro USB.

CAUTIONS ON INSTALLATION

For proper heat dispersal, do not install this unit in a confined space, such as a bookcase or similar enclosure.

- Amplifier: 0.3 m or more
- Other units: 0.1 m or more

PRÉCAUTIONS D'INSTALLATION

Pour permettre la dissipation de chaleur requise, n'installez pas cette unité dans un espace confiné tel qu'une bibliothèque ou un endroit similaire.

- Amplificateur: 0,3 m ou plus
- Autres appareils: 0,1 m ou plus

EMPLAZAMIENTO DE LA INSTALACIÓN

Para la dispersión del calor adecuadamente, no instale este equipo en un lugar confinado tal como una librería o unidad similar.

- Amplificador: 0,3 m o más
- Otras unidades: 0,1 m o más

PRECAUÇÕES DE INSTALAÇÃO

Para uma correcta dispersão do calor, não instale esta unidade num espaço confinado, como uma estante de livros ou uma estrutura semelhante.

- Amplificador: 0.3 m ou mais
- Outros unidades: 0.1 m ou mais

CAUTION (FOR AMPLIFIER):**HOT SURFACE. DO NOT TOUCH.**

The top surface over the internal heat sink may become hot when operating this product continuously. Do not touch hot areas, especially around the "Hot surface mark" and the top panel.



Hot
surface
mark

PRECAUTION (POUR AMPLIFICATEUR):**SURFACE CHAUDE. NE PAS TOUCHER.**

La surface supérieure du dissipateur de chaleur peut devenir chaude si vous utilisez ce produit en continu. Ne touchez pas les zones chaudes, tout particulièrement vers l'inscription "Hot surface mark" et le panneau supérieur.

PRECAUCIÓN (PARA EL AMPLIFICADOR):**SUPERFICIE CALIENTE. NO TOCAR.**

La superficie superior sobre el disipador de calor interno podría llegar a calentarse al operar este producto de forma continua. No toque las áreas calientes, especialmente las situadas alrededor de la "Hot surface mark" y del panel superior.

CUIDADO (PARA O AMPLIFICADOR):**SUPERFÍCIE QUENTE. NÃO TOCAR.**

A face superior localizada por cima do dissipador interno de calor pode ficar quente ao funcionar com este produto em modo contínuo. Não tocar nas zonas quentes, especialmente à volta do "Hot surface mark" e no painel superior.

CLASS 1 LASER PRODUCT (FOR DISC PLAYER)**CAUTION:**

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. THIS PRODUCT SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.

"CLASS 1
LASER PRODUCT"

PRODUIT LASER CLASSE 1 (POUR LECTEUR DE DISQUE)**ATTENTION:**

L'UTILISATION DE COMMANDES, DE RÉGLAGES OU DE PERFORMANCE DE PROCÉDURES AUTRES QUE CELLES SPÉCIFIÉES ICI PEUT ENTRAÎNER UNE EXPOSITION DANGEREUSE À DES RADIATIONS. CE PRODUIT DOIT UNIQUEMENT ÊTRE RÉGLÉ OU RÉPARÉ PAR UN PERSONNEL DE SERVICE SUFFISAMMENT QUALIFIÉ.

PRODUCTO LÁSER DE CLASE 1 (PARA EL REPRODUCTOR DE DISCOS)**PRECAUCIÓN:**

EL USO DE CONTROLES, AJUSTES, O LA REALIZACIÓN DE PROCEDIMIENTOS DISTINTOS A LOS AQUÍ ESPECIFICADOS, PUEDE PROVOCAR UNA EXPOSICIÓN PELIGROSA A LA RADIACIÓN. ESTE PRODUCTO NO DEBE SER AJUSTADO O REPARADO POR NINGUNA PERSONA EXCEPTO POR PERSONAL DE SERVICIO DEBIDAMENTE CUALIFICADO.

PRODUTO LASER DE CLASSE 1 (PARA LEITOR DE DISCOS)**CUIDADO:**

O USO DE CONTROLOS, AJUSTES OU DESEMPENHO DE PROCEDIMENTOS QUE NÃO OS AQUI ESPECIFICADOS PODE RESULTAR EM EXPOSIÇÃO A RADIAÇÃO PERIGOSA. ESTE PRODUTO NÃO DEVE SER AJUSTADO OU REPARADO POR NINGUÉM EXCEPTO POR PESSOAL TÉCNICO DEBIDAMENTE QUALIFICADO.

WARNING:

DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD

- The remote control supplied with this product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have swallowed or placed inside any part of the body, seek immediate Medical attention.

**AVERTISSEMENT:**

N'INGÉREZ PAS LA PILE, RISQUE DE BRÛLURE CHIMIQUE

- La télécommande fournie avec ce produit contient une pile bouton. Une ingestion de la pile bouton risque de causer de sévères brûlures internes en à peine 2 heures et peut entraîner la mort.
- Conservez les piles neuves et usagées hors de portée des enfants. Si le compartiment à piles ne se ferme pas de manière sécurisée, arrêtez d'utiliser le produit et conservez-le hors de portée des enfants. Si vous pensez que des piles ont été ingérées ou placées dans n'importe quel orifice corporel, contactez immédiatement une assistance médicale.

ADVERTENCIA:

NO INGERIR LA BATERÍA, RIESGO DE QUEMADURAS POR PRODUCTOS QUÍMICOS

- El control remoto suministrado con este producto contiene una pila de botón. En caso de ingestión, la pila de botón puede causar quemaduras internas graves en solo 2 horas y puede ocasionar la muerte.
- Mantenga las pilas nuevas y usadas fuera del alcance de los niños. Si el compartimento de la pila no se cierra firmemente, deje de utilizar el producto y manténgalo fuera del alcance de los niños. Si cree que se han podido ingerir pilas, o las mismas se encuentran en alguna parte en el interior del cuerpo, solicite atención médica de inmediato.

AVISO:

NÃO INGIRA A PILHA, PERIGO DE QUEIMADURA QUÍMICA

- O controlo remoto fornecido com este produto contém uma pilha de célula moeda/botão. Se a pilha de célula moeda/botão for engolida, pode causar queimaduras internas graves em apenas 2 horas e pode levar à morte.
- Mantenha as pilhas novas e usadas longe das crianças. Se o compartimento da pilha não fechar com firmeza, pare de utilizar o produto e mantenha-o afastado das crianças. Se pensa que as pilhas possam ter sido engolidas ou colocadas dentro de qualquer parte do corpo, procure ajuda médica imediata.

CAUTIONS ON USING BATTERIES

There is a possibility of smoke, fire, explosion from the battery, Please note as following.

- Insert the specified batteries in the remote control unit.
- Replace the batteries with new ones if the set does not operate even when the remote control unit is operated close to the unit. (The supplied batteries are only for verifying operation. Replace them with new batteries at an early date.)
- When inserting the batteries, be sure to do so in the proper direction, following the ⊕ and ⊖ marks in the battery compartment.
- To prevent damage or leakage of battery fluid:
 - Do not use a new battery together with an old one.
 - Do not use two different types of batteries.
 - Do not attempt to charge dry batteries.
 - Do not short-circuit, disassemble, heat or dispose of batteries in flames.
 - Do not keep the battery in a place exposed to direct sunlight or in places with extremely high temperatures, such as near a heater.
- If the battery fluid should leak, carefully wipe the fluid off the inside of the battery compartment and insert new batteries.
- Remove the batteries from the remote control unit if it will not be in use for long periods.
- Used batteries should be disposed of in accordance with the local regulations regarding battery disposal.
- The remote control unit may function improperly if rechargeable batteries are used.

PRÉCAUTIONS RELATIVES À L'UTILISATION DES PILES

Il existe un risque d'émission de fumée, d'incendie, d'explosion de la pile. Veuillez tenir compte des points suivants.

- Insérez les piles spécifiées dans la télécommande.
- Remplacez les piles si l'appareil ne fonctionne pas même lorsque la télécommande est actionnée à proximité. (Les piles fournies ne servent qu'aux opérations de vérification. Remplacez-les par des piles neuves sans attendre.)
- Lorsque vous insérez les piles, assurez-vous de les placer dans le bon sens, en respectant les marques ⊕ et ⊖ qui figurent dans le compartiment à piles.
- Pour éviter un endommagement de la télécommande ou une fuite du liquide des piles:
 - Ne pas mélanger piles neuves et anciennes.
 - Ne pas utiliser deux types de piles différents.
 - Ne pas essayer de charger de piles sèches.
 - Ne pas court-circuiter, démonter, chauffer ou brûler les piles.
 - Ne placez pas la pile dans un endroit exposé à la lumière directe du soleil ou dans des endroits présentant des températures extrêmement élevées, par exemple près d'un radiateur.
- En cas de fuite du liquide de pile, essayez soigneusement l'intérieur du compartiment avant d'insérer de nouvelles piles.
- Ôtez les piles de la télécommande si vous ne l'utilisez pas pendant longtemps.
- Veuillez vous débarrasser des piles usagées conformément aux lois locales relatives à la mise au rebut des piles.
- La télécommande risque de ne pas fonctionner correctement en cas d'utilisation de piles rechargeables.

AVISOS SOBRE DE LAS PILAS

Existe posibilidad de generación de humo, incendio o explosión de la batería. Tenga en cuenta los siguientes aspectos.

- Introduzca las pilas especificadas en el mando a distancia.
- Ponga pilas nuevas si el equipo no funciona ni siquiera si el mando a distancia se pone muy cerca. (Las pilas que se entregan con la unidad solo sirven para verificar que funciona. Cámbielas por pilas nuevas lo antes posible.)
- Cuando inserte las baterías, asegúrese de hacerlo en la dirección correcta, según las marcas ⊕ y ⊖ en el compartimiento de baterías.
- Para evitar daños o derrames del fluido de la batería:
 - No utilice una nueva batería junto con una ya utilizada.
 - No utilice dos tipos diferentes de baterías.
 - No intente cargar baterías secas.
 - No corte circuito, desensamble, caliente o queme las baterías.
 - No coloque las pilas en un lugar expuesto a la luz directa del sol o donde la temperatura sea extremadamente alta, como cerca de una calefacción.
- Si hay fluido de batería, limpie cuidadosamente el fluido en el compartimiento de las baterías e inserte unas nuevas.
- Retire las baterías del mando a distancia si no lo va a utilizar por un largo periodo de tiempo.
- Las pilas usadas deben desecharse de acuerdo a las regulaciones locales concernientes al desecho de pilas.
- Puede que el mando a distancia no funcione correctamente si se utilizan pilas recargables.

CUIDADOS NA UTILIZAÇÃO PILHAS

Existe a possibilidade de aparecer fumo, chamas, ou que a bateria possa explodir. Por favor, preste atenção.

- Coloque as pilhas indicadas na unidade de controlo remoto.
- Substitua as pilhas por novas se o conjunto não funcionar mesmo accionando a unidade de controlo remoto próximo da unidade. (As pilhas fornecidas destinam-se apenas à verificação do correcto funcionamento da unidade.)
- Ao colocar as pilhas, certifique-se de que as coloca na direcção correcta, seguindo as indicações ⊕ e ⊖ existentes no compartimento das pilhas.
- Para evitar danos ou derrame de líquido das pilhas:
 - Não utilize uma pilha nova em conjunto com uma usada.
 - Não utilize dois tipos diferentes de pilhas.
 - Não tente carregar pilhas secas.
 - Não faça a ligação em curto-circuito, não desmonte, não aqueça nem queime as pilhas numa fogueira.
 - Não coloque as pilhas num local exposto à luz directa do sol nem em locais com temperaturas extremamente elevadas como, por exemplo, próximo de um aquecedor.
- Em caso de derrame de líquido das pilhas, limpe cuidadosamente o líquido do interior do compartimento das pilhas e coloque pilhas novas.
- Retire as pilhas da unidade de controlo remoto caso não a vá utilizar durante longos períodos de tempo.
- As pilhas usadas devem ser descartadas em conformidade com os regulamentos locais relativos à eliminação de pilhas/baterias.
- A unidade de controlo remoto poderá não funcionar correctamente se forem utilizadas pilhas recarregáveis.

For lithium battery:

For California customers only:

This product contains a battery that contains perchlorate material.

Perchlorate Material-special handling may apply.

See www.dtsc.ca.gov/hazardouswaste/perchlorate