



marantz®

Integrated Amplifier **PM5005**

You can print more than one page of a PDF onto a single sheet of paper.

Owner's Manual

[Front panel](#)[Rear panel](#)[Remote control
unit](#)[Index](#)

Accessories	4
Inserting the batteries	5
Operating range of the remote control unit	5
Features	6
High quality sound	6
High performance	6
Easy operation	7
Part names and functions	8
Front panel	8
Rear panel	10
Remote control unit	11

Connections

Connecting speakers	17
Speaker A/B connection	18
Bi-wiring connection	19
Connecting a playback device	20
Connecting a recording device	21
Connecting devices with remote control connectors	22
Performing operations by RC on this unit without visual contact	22
Remotely connecting Marantz audio devices	22
Connecting the power cord	23

Playback

Turning the power on	25
Selecting the speakers for audio output	26
Selecting the input source	26
Adjusting the volume	26
Turning off the sound temporarily (Muting)	26
Adjusting the tone	26
Playing CDs	27
Recording	28



Settings

Setting the Auto Standby mode	30
Turning Auto Standby mode on	30
Turning Auto Standby mode off	30
Setting the remote signal receiving function	31
Disabling the remote signal receiving function of the remote control unit	31
Enabling the remote signal receiving function of the remote control unit	31
Setting remote control codes	32
Setting remote control codes for the remote control	33
Setting remote control codes for this unit	33

Tips

Tips	35
Troubleshooting	36

Appendix

Explanation of terms	40
Specifications	41
Index	43



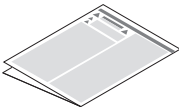
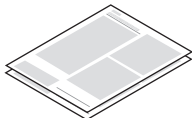
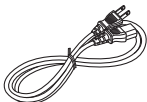
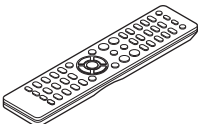
Thank you for purchasing this Marantz product.

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

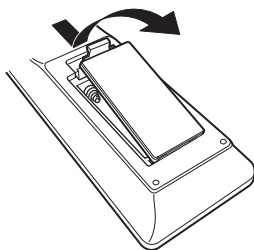
Check that the following parts are supplied with the product.

			
Quick Start Guide	CD-ROM (Owner's Manual)	Safety Instructions	Warranty (for USA/for CANADA)
			
Power cord	Remote control unit (RC002PMCD)	R03/AAA batteries	

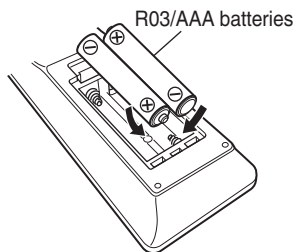


Inserting the batteries

- 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.



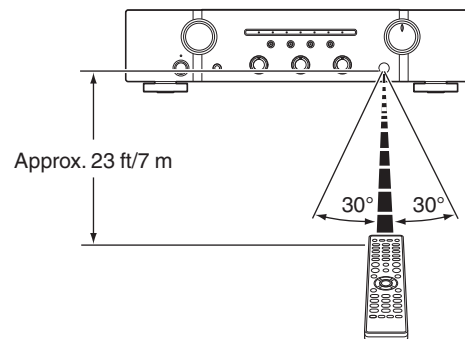
- 3 Put the rear cover back on.

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.



Features

High quality sound

- **All-discrete current feedback amplifier**

This unit uses a high-speed current feedback amplifier circuit for its preamplifier and power amplifier so that signals from the Super Audio CD player can be amplified with high fidelity. The high-speed current feedback amplifier reproduces a natural sound space.

- **High-power output**

This unit features a slimline body, but comes with a large power supply unit for dynamic music reproduction with high power.

- **High quality audio design**

This unit has a high quality audio design such as minimized signal path, use of high sound quality parts, and large power circuit, which is possible only in discrete audio components.

- **Phono input connectors for connecting turntables**

This unit is provided with a phono amplifier so that you can directly connect a turntable and play records (Only the MM cartridge can be used). (🔍 p. 20)

- **Two-sets of speaker output terminals**

In addition to using two sets of speakers (Speakers A and Speakers B), you can connect to bi-wiring speakers with separate input terminals for high range and low range. (🔍 p. 19)

The unit adopts screw terminals that can connect thick audio cables.

High performance

- **Tone control function**

This unit has a tone control function for adjustment of bass (low frequency) and treble (high frequency) sound to produce your preferred tone. (🔍 p. 27)

- **LOUDNESS function**

This unit is provided with a LOUDNESS function that makes it easier to hear music played back at a low volume level. (🔍 p. 27)



Easy operation

- **Remote control compatible with CD players and network audio players**

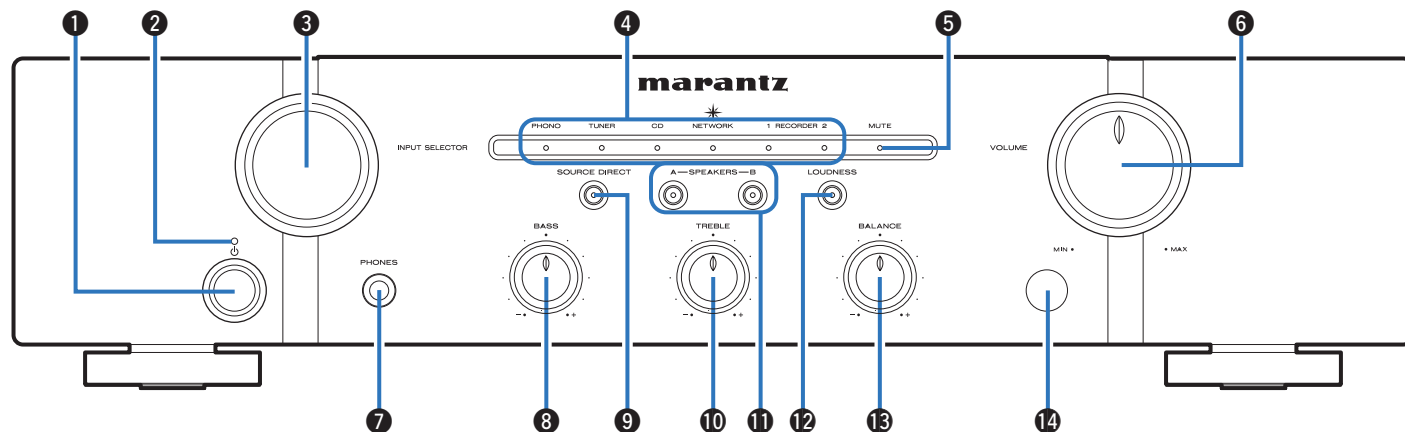
The remote control provided with this unit can control Marantz CD players and network audio players in addition to this unit. (☞ p. 12)

This unit can also switch between three remote control codes. When using three units in the same area, you can set a different remote control code for each unit to control them independently. (☞ p. 33)



Part names and functions

Front panel



1 Power operation button (⏻)

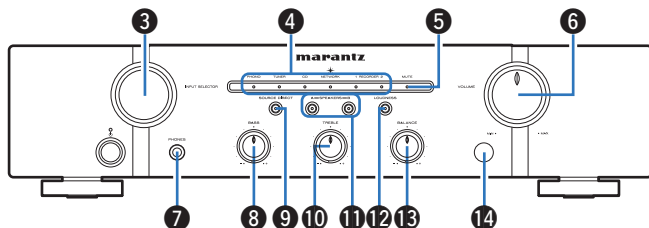
This turns the power on/off. (📖 p. 25)

2 Power indicator

This is lit as follows according to the power status:

- Power on : Off
- Standby : Red
- Power off : Off
- When the protection circuit is activated : Red (blinking)





3 Input source select knob (INPUT SELECTOR)

This selects the input source. (🔧 p. 26)

4 Input indicators (🔧 p. 26)

5 MUTE indicator

This lights while the sound is muted. (🔧 p. 26)

6 VOLUME knob

These adjust the volume level. (🔧 p. 26)

7 Headphones jack (PHONES)

Used to connect headphones.

Turn off speaker output when using headphones. (🔧 p. 26)

NOTE

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

8 BASS control knob

This setting adjusts the volume level for the bass. (🔧 p. 26)

9 SOURCE DIRECT button/indicator

This turns SOURCE DIRECT mode on/off.

(🔧 p. 27)

10 TREBLE control knob

This setting adjusts the volume level for the treble. (🔧 p. 26)

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

These select the speaker for audio output. (🔧 p. 26)

12 LOUDNESS button/indicator

This turns the LOUDNESS mode on/off.

(🔧 p. 27)

13 BALANCE control knob

This adjusts the balance of the volume output from the left and right speakers. (🔧 p. 26)

14 Remote control sensor

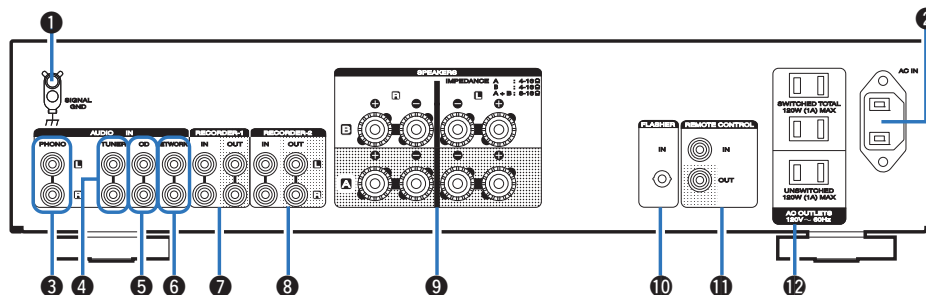
This receives signals from the remote control unit. (🔧 p. 5)



8, 10, 12 and 13 can be adjusted when 9 is off (SOURCE DIRECT mode is off).



Rear panel



1 SIGNAL GND jacks

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

2 AC inlet (AC IN)

Used to connect the power cord. (🔧 p. 23)

3 Turntable input connectors (PHONO)

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

4 Tuner input connectors (TUNER)

Used to connect a tuner. (🔧 p. 20)

5 CD input connectors

Used to connect a CD player. (🔧 p. 20)

6 Network audio player input connectors (NETWORK)

Used to connect a network audio player. (🔧 p. 20)

7 Recorder input/output connectors (RECORDER 1)

Used to connect the input/output connector of a recorder. (🔧 p. 21)

8 Recorder input/output connectors (RECORDER 2)

Used to connect the input/output connector of a recorder. (🔧 p. 21)

9 Speaker terminals (SPEAKERS)

Used to connect speakers. (🔧 p. 17)

10 FLASHER IN jack

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

11 Remote control input/output connectors (REMOTE CONTROL)

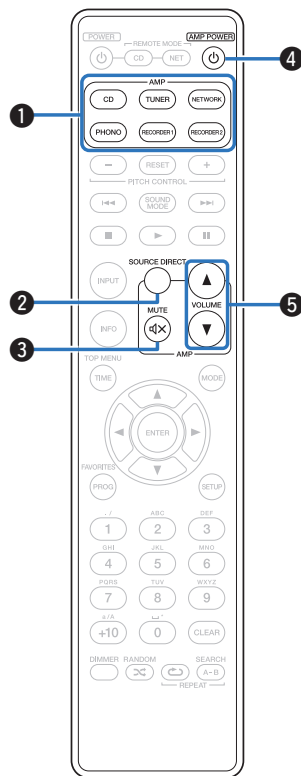
Used to connect to a Marantz audio device that is compatible with the remote control function. (🔧 p. 22)

12 AC outlets (AC OUTLETS)

Used to connect the AC outlets of this unit in order to supply power to other AV equipment. (🔧 p. 23)



Remote control unit



■ Amplifier operations

① Input source select buttons

This selects the input source. (🔗 p. 26)

② SOURCE DIRECT button

This turns SOURCE DIRECT mode on/off. (🔗 p. 27)

③ MUTE button (🔊X)

This mutes the output audio. (🔗 p. 26)

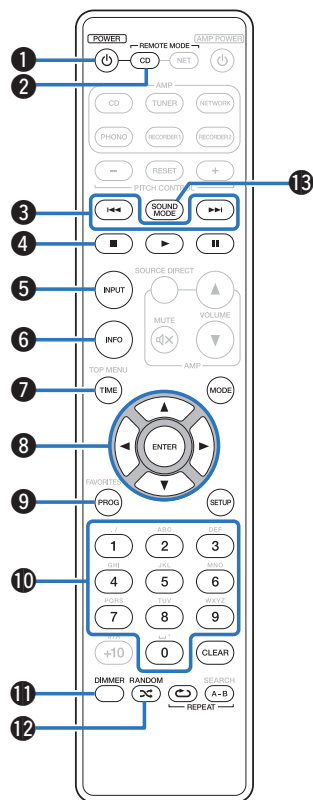
④ AMP POWER button (🔌)

This turns the power on/off (standby). (🔗 p. 25)

⑤ VOLUME buttons (▲▼)

These adjust the volume level. (🔗 p. 26)





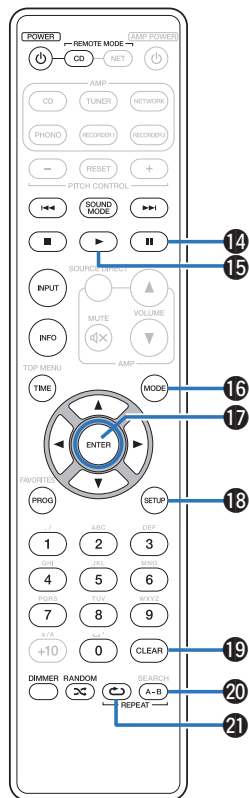
CD player operations

The supplied remote control can be used to control a Marantz CD player in addition to this unit. 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.

- ❶ **POWER button (⏻)**
- ❷ **Remote mode select button (REMOTE MODE CD)**
- ❸ **Skip buttons (⏮, ⏭)**
- ❹ **Stop button (■)**
- ❺ **Input source select button (INPUT)**
- ❻ **Information button (INFO)**
- ❼ **TIME button**
- ❽ **Cursor buttons (⬆, ⬇, ⬅, ➡, ⬆, ⬇, ⬅, ➡)**
- ❾ **Program button (PROG)**
- ❿ **Number buttons (0 - 9)**
- ⓫ **DIMMER button**
- ⓫ **RANDOM button (🎲)**
- ⓫ **SOUND MODE button**





14 Pause button (II)

15 Play button (▶)

16 Playback mode switching button (MODE)

17 ENTER button

18 SETUP button

19 CLEAR button

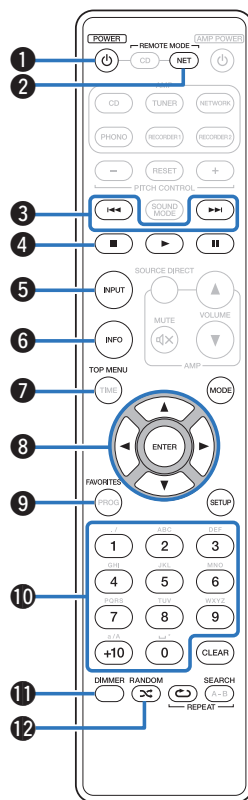
20 REPEAT A-B button

21 REPEAT button (↺)



The amplifier can be operated with the amplifier operation buttons even when the remote control operation mode is set to CD.





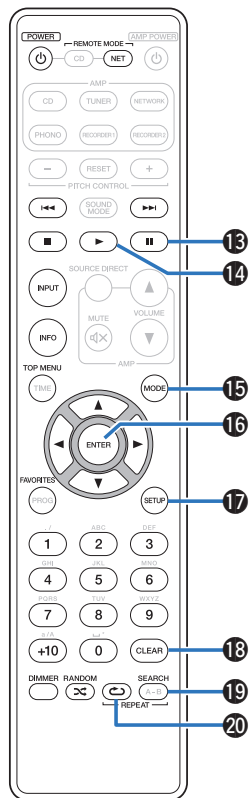
■ Network audio player operations

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

- ❶ **POWER button** (⏻)
- ❷ **Remote mode select button (REMOTE MODE NET)**
- ❸ **Skip buttons** (⏮, ⏭)
- ❹ **Stop button** (■)
- ❺ **Input source select button (INPUT)**
- ❻ **Information button (INFO)**
- ❼ **TOP MENU button**
- ❽ **Cursor buttons** (↑, ↓, ←, →)
- ❾ **FAVORITES button**
- ❿ **Number buttons (0 – 9, +10)**
- ⓫ **DIMMER button**
- ⓫ **RANDOM button** (🎲)





13 Pause button (II)

14 Play button (▶)

15 Playback mode switching button (MODE)

16 ENTER button

17 SETUP button

18 CLEAR button

19 Search button (SEARCH)

20 REPEAT button (↺)



The amplifier can be operated with the amplifier operation buttons even when the remote control mode is NET.



■ Contents

Connecting speakers	17
Connecting a playback device	20
Connecting a recording device	21
Connecting devices with remote control connectors	22
Connecting the power cord	23

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.

Speaker cable



Audio cable



Remote connector cable



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. 40))
- 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.**

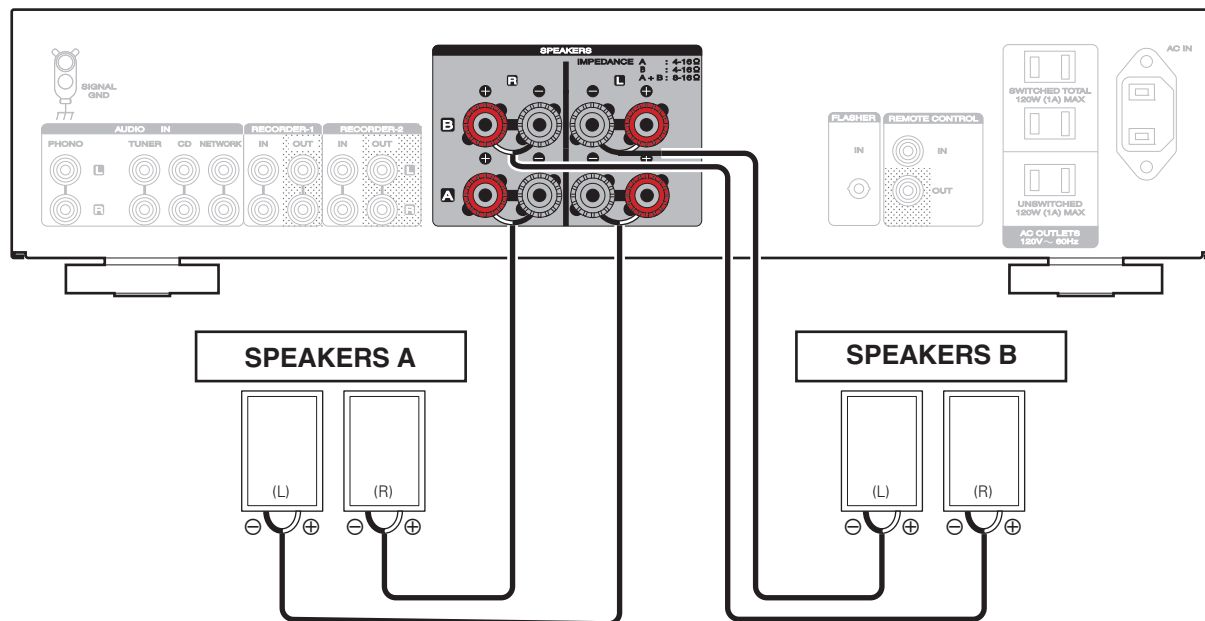


Speaker A/B connection

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.

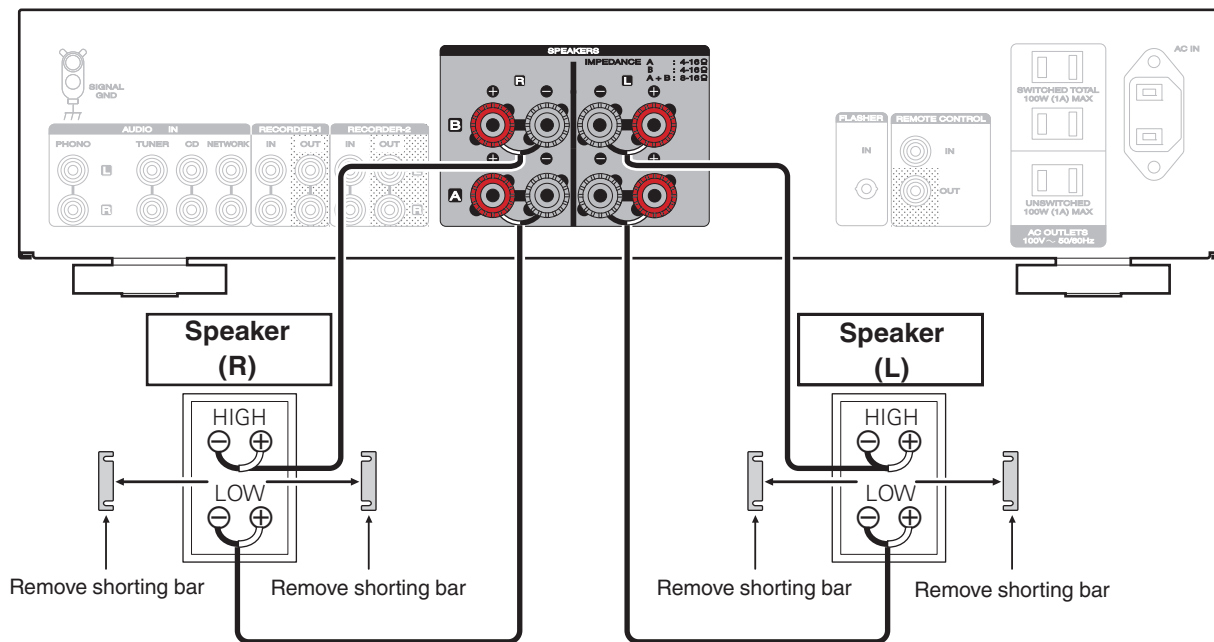
When only one set of speakers is to be connected, use either the SPEAKERS A or SPEAKERS B terminals.



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 A (or SPEAKERS B), the low range terminals to SPEAKERS B (or SPEAKERS A).

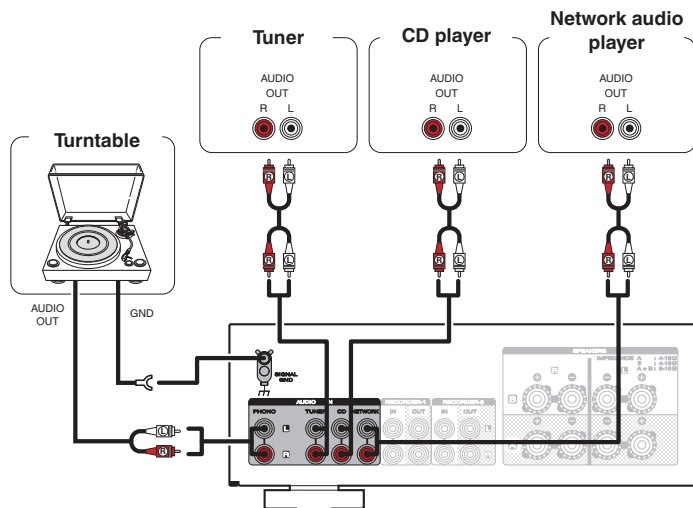


Connecting a playback device

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

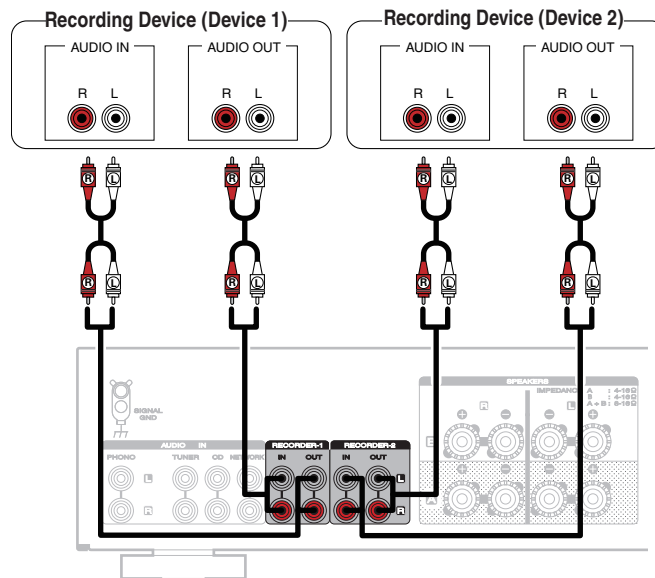


NOTE

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 (RECORDER). Doing so could result in damage.

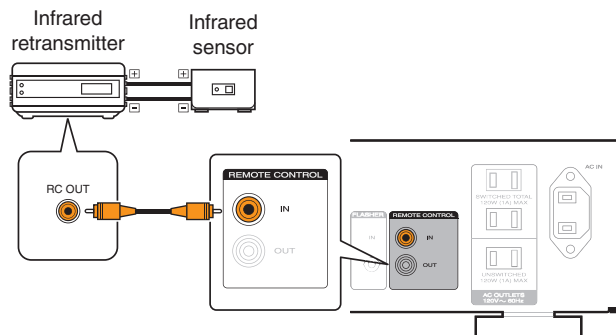


Connecting devices with remote control connectors

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. 31).



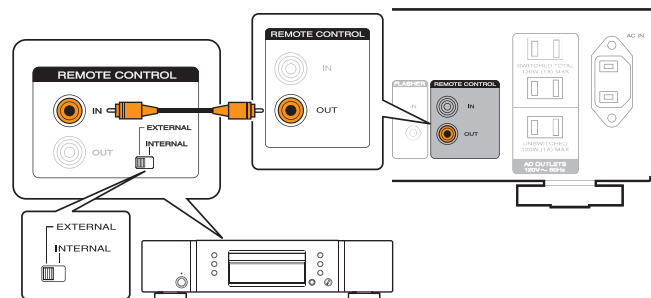
NOTE

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

Wait until all connections have been completed before connecting the power cord.

■ Connection to the AC outlet

You can use the AC outlets of this unit to supply power to other AV equipment.

□ SWITCHED

The “SWITCHED” AC outlet turns on/off the power supply in sync with power on/standby of this unit.

You can connect AV equipment that has total power consumption of up to 120 W (1A).

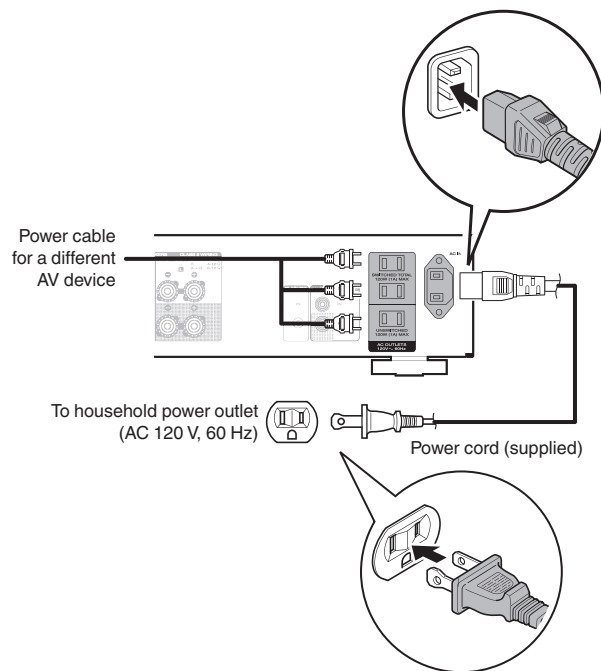
□ UNSWITCHED

The “UNSWITCHED” AC outlet supplies power regardless of power on/standby of this unit.

You can connect AV equipment that has maximum power consumption of up to 120 W (1A).

WARNING :

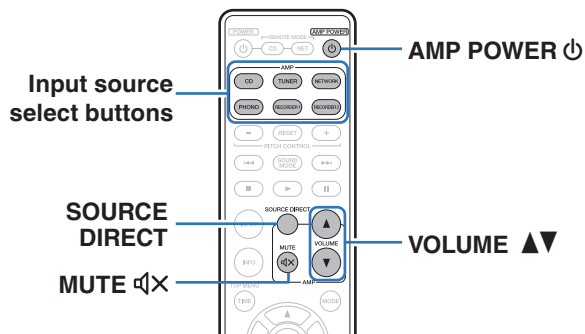
Do not connect AV equipment exceeding the absolute allowable power. If you do, it could result in fire or electric shock.



■ Contents

Turning the power on	25
Selecting the speakers for audio output	26
Selecting the input source	26
Adjusting the volume	26
Turning off the sound temporarily (Muting)	26
Adjusting the tone	26
Playing CDs	27
Recording	28





Turning the power on

- 1 Press **AMP POWER** on this unit to turn the power on.
Input indicator for the selected source lights.



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

NOTE

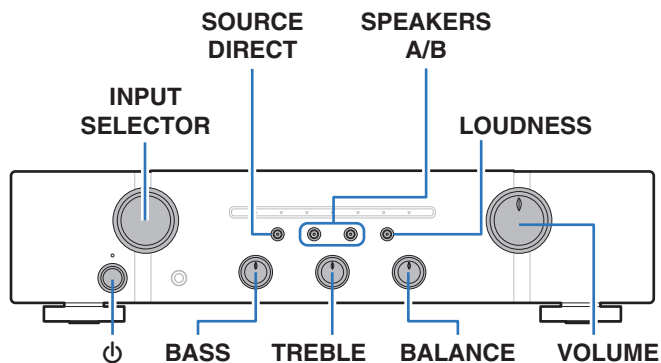
Turn VOLUME on this unit to adjust the volume to the lowest level before turning on the power.

Turning the power off

- 1 Press **AMP POWER** on this unit to turn the power off.
All lit indicators turn off.

Switching the power to standby

- 1 Press **AMP POWER** on the remote control.
The standby indicator lights in red.



Selecting the speakers for audio output

- 1 Press **SPEAKERS A/B** 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.



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

Adjusting the volume

- 1 Press **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 mute indicator lights.



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

Adjusting the tone

- 1 Press **SOURCE DIRECT** to turn off source direct mode.

The **SOURCE DIRECT** indicator turns off.

- 2 Turn the **BASS**, **TREBLE** and **BALANCE** to adjust the tone.



You can also press **SOURCE DIRECT** on this unit to turn off source direct mode.



Playing CDs

This section uses playback from a CD as an example.

- 1 Press  on this unit to turn the power on.**
- 2 Press the input source select button to switch the input source to “CD”.**
The “CD” input indicator lights.
- 3 Playback the CD.**
- 4 Press 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.

■ Playback in LOUDNESS mode

When music is played at a low volume level, the effect of the bass and treble cannot be heard easily. The LOUDNESS function corrects the bass and treble in these situations, allowing you to enjoy natural-sounding playback.

- 1 Press LOUDNESS to turn on LOUDNESS mode.**

The LOUDNESS indicator lights.



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 this 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.

- 3 Recording starts.**

- For information on operations, see the owner's manual of the recording device.



■ Contents

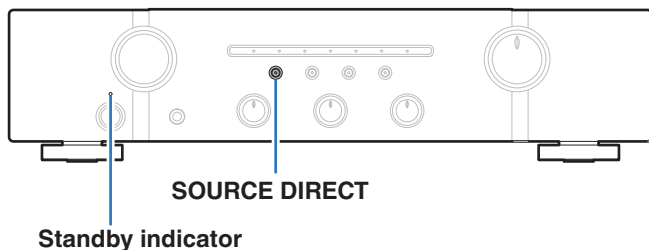
Setting the Auto Standby mode	30
Setting the remote signal receiving function	31
Setting remote control codes	32



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.



Turning Auto Standby mode on

- 1 **Press and hold SOURCE DIRECT for more than 5 seconds to turn the Auto Standby mode on.**

The standby indicator flashes three times.

Turning Auto Standby mode off

- 1 **Press and hold SOURCE DIRECT for more than 5 seconds to turn the Auto Standby mode off.**

The power indicator flashes once.



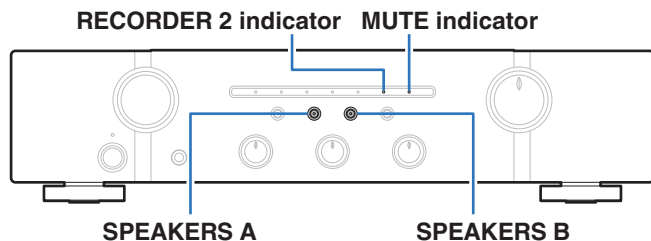
You can also press SOURCE DIRECT on the remote control unit for this operation.



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 MUTE indicator flashes 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 "RECORDER2" input indicator flashes three times.



Setting remote control codes

**REMOTE
MODE CD**



ENTER

1 - 3

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”.



Setting remote control codes for the remote control

■ To set the remote control codes to AMP2

- 1 Hold down REMOTE MODE CD and the number 2 button for more than 5 seconds.

■ To set the remote control codes to AMP3

- 1 Hold down REMOTE MODE CD and the number 3 button for more than 5 seconds.



To return the remote control code to the default setting, hold down REMOTE MODE CD and the number 1 button for more than 5 seconds.

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 this unit

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

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

Remote control codes	Input indicator
AMP 1	PHONO indicator flashes three times
AMP 2	TUNER indicator flashes three times
AMP 3	CD indicator flashes three times



■ Contents

Tips

I want to adjust the tone myself	35
I want sound playback that is faithful to the original sound	35
I want to hear music that is close to the original sound quality at low volume	35
I want to operate a Marantz CD player or network audio player using the remote control of this unit	35
I want to use more than one unit in one location	35

Troubleshooting

Power does not turn on / Power is turned off	36
Operations cannot be performed through the remote control unit	37
No sound comes out	38
Desired sound does not come out	38
Sound is interrupted or noise occurs	39



Tips

I want to adjust the tone myself

- Use the BASS, TREBLE and BALANCE knobs to adjust the sound as desired. (🔍 p. 26)

I want sound playback that is faithful to the original sound

- Set the Source Direct mode on. (🔍 p. 27)

I want to hear music that is close to the original sound quality at low volume

- Turn the LOUDNESS mode on. (🔍 p. 27)

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. (🔍 p. 12, 14)
- 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. 33)



Troubleshooting

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 none of the symptoms are applicable, 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

Symptom	Cause / Solution	Page
Power is not turned on.	Check whether the power plug is correctly inserted into the power outlet.	23
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.	30
Power turns off and the power indicator flashes in red approx. every 0.25 seconds.	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.	40
	Please re-install this unit in a place having good ventilation.	—
	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.	17
	Turn down the volume and turn on the power again.	25
	This unit's amplifier circuit has failed. Unplug the power cord and contact our customer service center.	—



■ Operations cannot be performed through the remote control unit

Symptom	Cause / Solution	Page
Operations cannot be performed through the remote control unit.	• Batteries are worn out. Replace with new batteries.	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°.	5
	• Remove any obstacle between this unit and the remote control unit.	—
	• Insert the batteries in the proper direction, checking the ⊕ and ⊖ marks.	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.	31
	• 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.	33



■ No sound comes out

Symptom	Cause / Solution	Page
No sound comes out of speakers.	• Check the connections for all devices.	16
	• 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.	17
	• Securely tighten the speaker terminals. Check speaker terminals for looseness.	17
	• Check that the proper input source is selected.	26
	• Adjust the master volume.	26
	• Cancel the muting mode.	26
	• Check the settings of the SPEAKERS A/B button.	26

■ Desired sound does not come out

Symptom	Cause / Solution	Page
No sound comes out of a specific speaker.	• Check that speaker cables are properly connected.	17
	• Adjust the BALANCE control knob.	26
The left and right of stereo sound is reversed.	• Check whether the left and right speakers are connected to the correct speaker terminals.	17



■ Sound is interrupted or noise occurs

Symptom	Cause / Solution	Page
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.	<u>20</u>
	• 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.	<u>20</u>
	• The vibrations from the speakers are being transmitted to the player through the floor. Use cushions, etc., to absorb the speakers' vibrations.	—



Explanation of terms

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.

If a malfunction occurs in this unit, the power indicator blinks red and the unit switches to standby mode.



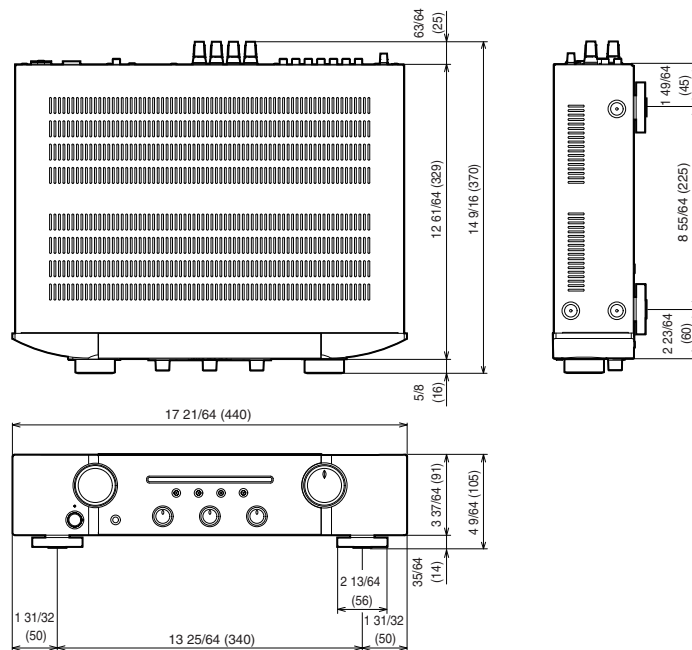
Specifications

• RMS Power output (40 Hz – 20 kHz simultaneous drive of both channels) :	40 W x 2 (8 Ω /ohms load) 55 W x 2 (4 Ω /ohms load)
• Total harmonic distortion (40 Hz – 20 kHz simultaneous drive of both channels, 8 Ω /ohms load) :	0.01 %
• Output band width (8 Ω /ohms load, 0.06 %) :	10 Hz – 30 kHz
• Frequency response (CD, 1 W, 8 Ω /ohms load) :	10 Hz – 50 kHz +0 dB, –1 dB
• Dumping 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
• Maximum allowable PHONO input level (1 kHz) MM :	110 mV
• RIAA deviation (40 Hz – 20 kHz) :	± 0.5 dB
• S/N (IHF-A, 8 Ω /ohms load) PHONO (MM) :	83 dB (5 mV input, 1 W output)
CD, TUNER, NETWORK, RECORDER :	103 dB (2 V input, Rated output)
• Tone Control BASS (100 Hz) :	± 10 dB
TREBLE (10 kHz) :	± 10 dB
• Power requirement :	AC 120 V, 60 Hz
• Power consumption (EN60065) :	350 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 : 14 lb 12 oz (6.7 kg)



Index

A	
Adjusting the tone	26
Adjusting the volume	26
Auto Standby mode	30
B	
BALANCE	26
BASS	26
C	
Cables	16
Connecting a playback device	20
Connecting a recording device	21
Connecting speakers	17
Connecting a power cord	23
I	
Inserting the batteries	5

L	
LOUDNESS mode	27
P	
Protection circuit	40
R	
Remote control	22
Remote control codes settings	33
Remote control unit	11
S	
Selecting the input source	26
Source direct	27, 40
Speaker impedance	40
Speaker (Bi-wiring) connection	19
T	
Tips	35
TREBLE	26
Troubleshooting	36
Turning off the sound temporarily (Muting)	26



www.marantz.com

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

marantz® is a registered trademark.

D&M Holdings Inc.
3520 10333 00AM



marantz®

Integrated Amplifier
PM5005

Quick Start Guide

Guide de démarrage rapide

Guía de inicio rápido

ENGLISH

FRANÇAIS

ESPAÑOL

Welcome

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

Please do not return this unit to the store – call for assistance.

If you need help... :

If you need additional help in solving problems, contact Marantz customer service in your area.

1-855-ONE-Marantz

1-855-663-6272

Call for Assistance:

Monday – Friday 10:00AM to 10:00PM E.S.T.

Saturday 12:00PM to 8:00PM E.S.T

For frequently asked questions please visit

<http://marantz.custhelp.com/app/answers/list>

For US and Canada only

Before You Begin

What's In the Box

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



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 the amplifier

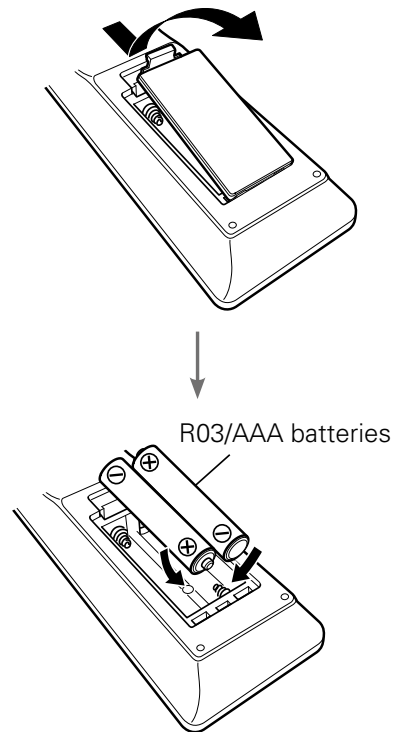
3 Connect the CD player to the amplifier

4 Plug the power cord into a power outlet

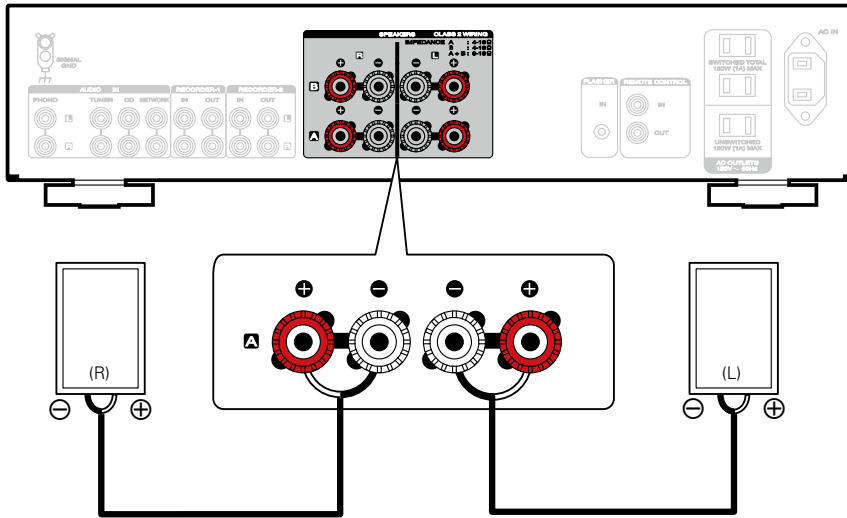
5 Turn the amplifier's power on

6 Begin playback

1 Install batteries in the remote control unit

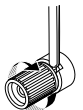


2 Connect the speakers to the amplifier

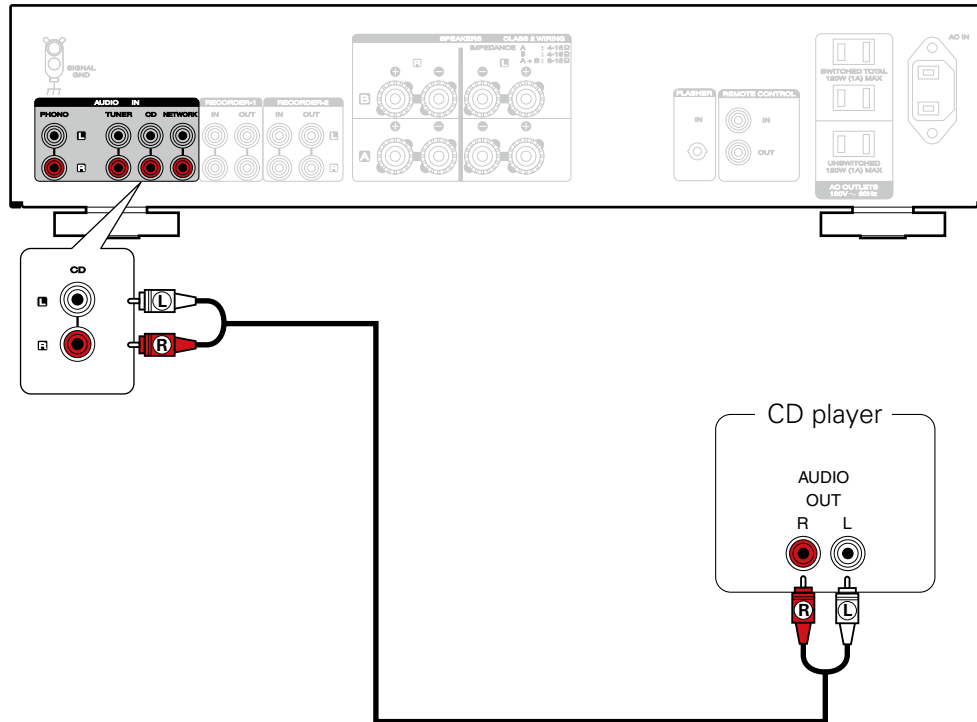


Connecting the speaker cables

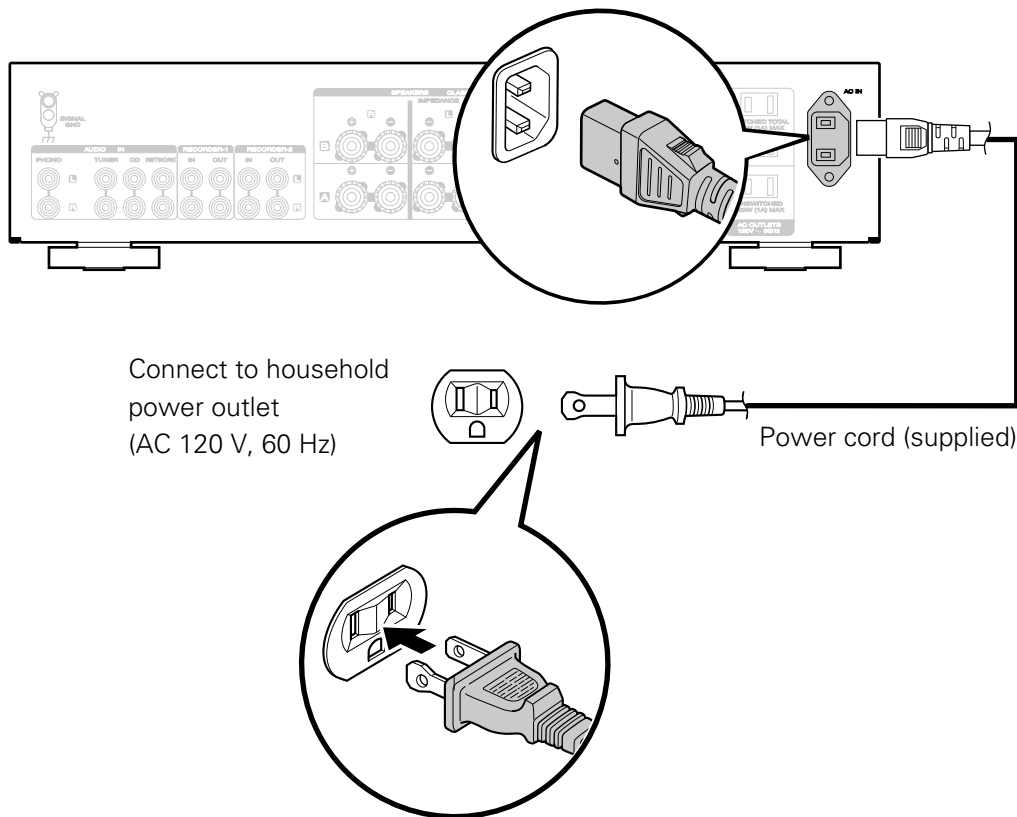
- ① Peel off about 3/8 inch (10 mm) of sheathing from the tip of the speaker cable, then either twist the core wire tightly or apply solder to it.
- ② Turn the speaker terminal counterclockwise to loosen it.
- ③ Insert the speaker cable's core wire to all the way into the speaker terminal.
- ④ Turn the speaker terminal clockwise to tighten it.



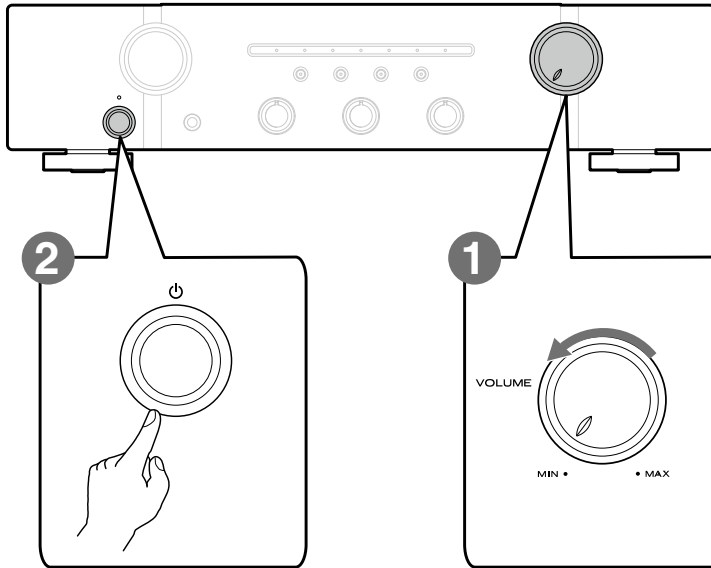
3 Connect the CD player to the amplifier



4 Plug the power cord into a power outlet

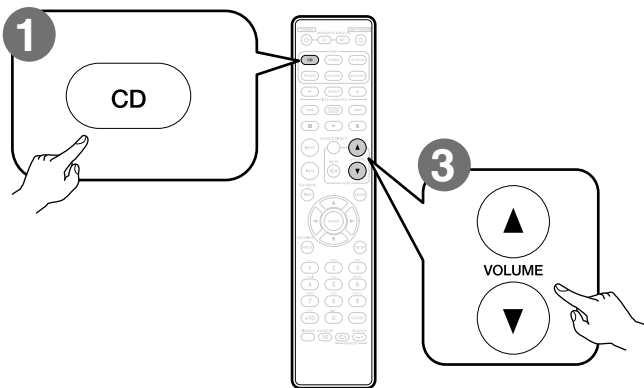
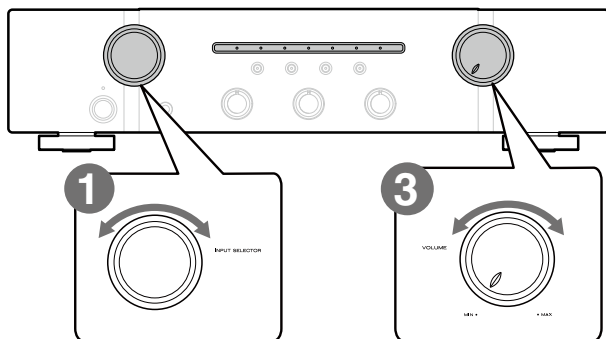


5 Turn the amplifier's power on



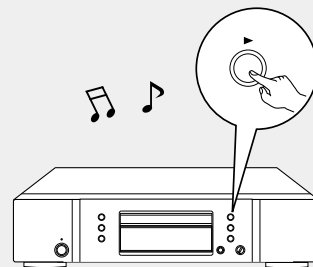
- 1** Reduce the volume to the minimum level.
- 2** Press the power operation button.

6 Begin playback



1 Set the input source to “CD”.

2 Play the CD player.



3 Adjust the volume.

Owner's Manual

Please reference these manuals for more details about the setup and operation of the amplifier and its features.

❑ Web Manual

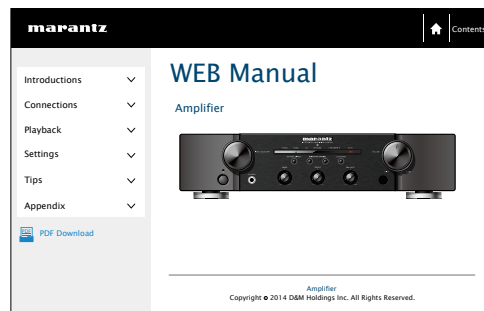
To read it on your tablet or PC, please access to Web Manual site.

manuals.marantz.com/PM5005/NA/EN/



This Web Manual is optimized for tablets and mobile devices.

Web Manual

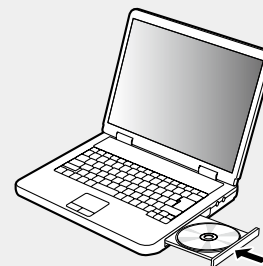


❑ PDF Manual

To read the owner's manual on your computer or to print it out, please open the included CD-ROM or select the "PDF Download" link from the Web Manual.

1

Insert the disc into your PC.



2

Follow the screen or double click on the PDF file.

www.marantz.com

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

marantz[®] is a registered trademark.

D&M Holdings Inc.
Printed in China 5411 11177 00AM

marantz®

INTEGRATED AMPLIFIER

PM5005

Owner's Manual
Manuel de l'Utilisateur
Manual del usuario

COMPACT
disc

CD-ROM

For PC/Mac use only!

Copyright ©2014 D&M Holdings Inc.

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

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 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.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- 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.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- 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.
- 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
- 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.	- Eviter 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.	- Evite altas temperaturas. - Permite 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.	- Evite temperaturas altas. - Assegure uma 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.

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 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.

**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.



Hot
surface
mark

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.

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.

“CLASS 1
LASER PRODUCT”

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 se 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 INGERIR 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.



Rechargeable battery precautions

(For rechargeable battery compatible model)

- Do not toss the rechargeable battery into a fire, and do not heat up the battery. Doing so could cause battery heat generation, battery fires, and battery rupture.
- Do not subject the rechargeable battery to strong impact forces, such as stabbing it with sharp objects (a nail, etc.), tapping it with a hammer, or stepping on it. Doing so could cause battery heat generation, battery fires, and battery rupture.
- Do not place foreign objects inside the portable speaker dock. Doing so could cause fires and electrical shocks.
- Do not charge, use, or place the portable speaker dock in high-temperature locations such as near heaters and stove burners, in areas exposed to direct sunlight, or inside a car on a hot day. Doing so could cause battery heat generation, battery fires, and battery rupture. Such actions could also affect the performance and shorten the life of the internal rechargeable battery.
- Stop using the portable speaker dock immediately, and contact the sales outlet or Marantz in the event that abnormal odors or heat generation occurs while using, charging, or storing the portable speaker dock, or if other abnormalities such as discoloration, etc., are detected.
- Always observe the following precautions:
 - Do not place the portable speaker dock in a microwave oven or in a high-pressure container.
 - Do not place the portable speaker dock on top of an electromagnetic cooker.
 - Do not attempt to recharge the internal rechargeable battery by connecting it to a power outlet or a car's cigarette lighter socket.
 - Strictly observe the recharging procedure and conditions specified by Marantz.
- If fluid should leak from the rechargeable battery and get into the eyes, do not rub the eyes. Instead, rinse the eyes thoroughly with tap water, etc., and see a doctor without delay for treatment. Leaving the eyes untreated could cause vision impairment.
- Do not use the portable speaker dock near medical devices, automatic doors, or fire alarms, etc. Signals from the portable speaker dock could interfere with the operation of those devices, possibly causing malfunctions and accidents.
- If recharging fails to complete even though the prescribed recharging time period has elapsed, stop the recharging operation. Continuing to recharge the battery could cause battery heat generation, battery fires, and battery rupture.

Mises en garde concernant la pile rechargeable

(Pour un modèle de pile rechargeable compatible)

- Ne jetez pas la pile rechargeable au feu, et ne réchauffez pas la pile. Ceci pourrait générer de la chaleur et des incendies causés par la pile, ou rompre la pile.
- Ne soumettez pas la pile rechargeable à des chocs importants, tels que lui donner des coups avec des objets pointus (un clou, etc.), la frapper avec un marteau ou marcher dessus. Ceci pourrait générer de la chaleur et un incendie causés par la pile, ou rompre la pile.
- Ne placez pas de corps étrangers dans le enceinte dock portable portable. Ceci pourrait provoquer des incendies et des chocs électriques.
- Ne rechargez pas, n'utilisez pas ou ne placez pas le enceinte dock portable dans des lieux où règnent des températures élevées, tels qu'à proximité d'appareils de chauffage ou de brûleurs de cuisinières, dans des endroits exposés à un ensoleillement direct, ou à l'intérieur d'une voiture par une chaude journée. Ceci pourrait générer de la chaleur et des incendies causés par la pile, ou rompre la pile. De telles actions pourraient aussi nuire à la performance et à la durée de vie de la pile rechargeable interne.
- Cessez immédiatement d'utiliser le enceinte dock portable, et contactez le point de vente ou Marantz si un dégagement anormal de chaleur ou d'odeurs se produit lors de l'utilisation, du chargement, ou du rangement du enceinte dock portable, ou si d'autres anomalies telles qu'une décoloration, etc., sont décelées.
- Respectez dans tous les cas les précautions suivantes :
 - Ne placez pas le enceinte dock portable dans un four à micro-ondes ou dans un récipient sous haute-pression.
 - Ne placez pas le enceinte dock portable au dessus d'un cuisEUR électromagnétique.
 - N'essayez pas de recharger la pile rechargeable interne en la branchant à une prise électrique ou à la prise allume-cigare d'une voiture.
 - Respectez strictement la procédure de rechargement et les conditions spécifiées par Marantz.
- En cas de fuite du liquide contenu dans la pile rechargeable et de contact avec les yeux, ne frottez pas les yeux. Rincez plutôt les yeux abondamment avec de l'eau du robinet, etc., et consultez sans tarder un médecin pour un traitement. Ne pas traiter les yeux peut entraîner des troubles de la vue.
- N'utilisez pas le enceinte dock portable à proximité d'appareils médicaux, de portes automatiques, ou d'alarmes incendie, etc. Les signaux émis par le enceinte dock portable pourraient interférer avec le fonctionnement de ces appareils, pouvant entraîner des dysfonctionnements et des accidents.
- Si le rechargement n'aboutit pas même si la période de temps spécifiée pour le rechargement est écoulée, arrêtez l'opération de recharge. Continuer de recharger la batterie pourrait générer de la chaleur et des incendies causés par la pile, ou rompre la pile.

Precauciones sobre la pila recargable

(Para el modelo compatible con pilas recargables)

- No arroje la pila recargable al fuego, y no la caliente. Hacerlo podría provocar la generación de calor de la pila, el incendio de la misma y su ruptura.
- No someta la pila recargable a fuertes impactos, como su perforación con objetos afilados (un clavo, etc.), golpearla con un martillo, o pisarla. Hacerlo podría provocar la generación de calor de la pila, el incendio de la misma y su ruptura.
- No coloque objetos extraños en el interior de los altavoz portable con dock. De lo contrario podría provocar incendios y sufrir descargas eléctricas.
- No cargue, utilice o coloque los altavoz portable con dock en ubicaciones sometidas a altas temperaturas, como por ejemplo cerca de calefactores y estufas, en áreas expuestas a la luz solar directa o en el interior de un coche en un día caluroso. Hacerlo podría provocar la generación de calor de la pila, el incendio de la misma y su ruptura. Tales acciones podrían igualmente afectar al rendimiento y acortar la vida útil de la pila recargable interna.
- Detenga inmediatamente el uso de los altavoz portable con dock, y póngase en contacto con el punto de venta o Marantz en caso de percibir olores anormales o generaciones de calor durante el uso, carga o almacenamiento de los altavoz portable con dock, o si se producen otro tipo de anomalías, como por ejemplo decoloración, etc.
- Tenga en cuenta siempre las siguientes precauciones:
 - No coloque los altavoz portable con dock en un horno microondas o en el interior de un recipiente a alta presión.
 - No coloque los altavoz portable con dock sobre una cocina electromagnética.
 - No intente recargar la pila recargable interna conectándola a una toma de corriente o al enchufe del encendedor de cigarrillos de un vehículo.
 - Cumpla estrictamente el procedimiento y las condiciones de recarga especificados por Marantz.
- Si se producen fugas en la pila recargable y tales fugas entran en contacto con los ojos, no se frote los ojos. En su lugar, lávese los ojos minuciosamente con agua del grifo, etc., y busque asistencia médica inmediatamente. Dejar los ojos sin tratamiento podría causar problemas de visión.
- No utilice los altavoz portable con dock cerca de dispositivos médicos, puertas automáticas o alarmas contra incendios, etc. Las señales procedentes de los altavoz portable con dock podrían interferir con el funcionamiento de dichos dispositivos, causando posiblemente funcionamientos incorrectos y accidentes.
- Si la carga no se completa incluso transcurrido el período de recarga establecido, detenga la recarga. Continuar recargando la pila podría causar que la misma genere calor, se incendie y se rompa.

Precauções para a pilha recarregável

(Para modelo compatível de pilha recarregável)

- Não deite a pilha recarregável para o fogo nem aqueça a pilha. Fazê-lo pode causar produção de calor, incêndio e ruptura na pilha.
- Não sujeite a bateria recarregável a grandes forças de impacto, tal como cortá-la com objetos afiados (um prego, etc.), bater-lhe com um martelo ou pisá-a. Fazê-lo pode causar produção de calor, incêndio e ruptura na pilha.
- Não coloque objectos estranhos dentro da base da coluna portátil. Fazê-lo pode causar incêndios e choques eléctricos.
- Não carregue, utilize ou coloque a base da coluna portátil em locais de altas temperaturas, tal como perto de aquecedores e bicos de fogão, em áreas expostas a luz solar directa ou dentro de um carro num dia quente. Fazê-lo pode causar produção de calor, incêndio e ruptura na pilha. Tais acções também podem afectar o desempenho e encurtar a vida da pilha recarregável interna.
- Pare de utilizar a base da coluna portátil imediatamente e contacte o local de venda ou a Marantz no caso de ocorrência de odores anormais ou produção de calor enquanto utiliza, carrega ou armazena a base da coluna portátil ou se forem detectadas outras anomalias, tal como descoloração.
- Siga sempre as seguintes precauções:
 - Não coloque a base da coluna portátil num microondas ou num recipiente de alta pressão.
 - Não coloque a base da coluna portátil em cima de um fogão electromagnético.
 - Não tente recarregar a pilha recarregável interna ao ligá-la a uma tomada eléctrica ou a uma tomada para iqueiros de um automóvel.
 - Respeite rigorosamente o procedimento de recarga e as condições especificadas pela Marantz.
- Se vazar fluido da pilha recarregável e este entrar em contacto com os olhos, não esfregue os olhos. Em vez disso, passe os olhos por água meticolosamente com água da torneira, etc., e consulte rapidamente um médico para tratamento. Deixar os olhos sem tratamento pode levar a problemas de visão.
- Não utilize a base da coluna portátil perto de equipamento médico, portas automáticas ou alarmes de incêndio, etc. Os sinais da base da coluna portátil podem interferir com o funcionamento desses equipamentos, possivelmente causando mau funcionamento ou acidentes.
- Se o recarregamento não puder ser completado apesar de o tempo recomendado de recarregamento já ter sido ultrapassado, pare a operação de recarregamento. Continuar a recarregar a pilha pode causar produção de calor, incêndio e ruptura na pilha.

marantz

www.marantz.com

marantz®

GARANTIE LIMITÉE DE MARANTZ CANADA

Marantz Canada ("Marantz") garantit les produits suivants pour les périodes indiquées :

3 ans de garantie pour les pièces et la main d'œuvre prenant effet à partir de la date d'achat du produit :

Amplificateurs, Préamplificateurs, Pré-ampli-processeurs-sintoniseurs; amplificateurs intégrés, syntoniseurs, récepteurs, Blu-ray DVD Super Audio CD / Lecteur CD / Changeur, télécommandes programmables, Docks iPod et projecteurs avant DLP.

90 jours de garantie pour les pièces et la main d'œuvre prenant effet à partir de la date d'achat du produit :

Lampes DLP

Ce qui est couvert et pas couvert par la garantie :

A l'exception de ce qui est mentionné ci-dessous, cette garantie couvre les pièces et la main d'œuvre afin de réparer tous les défauts de matériel ou de fabrication du produit. Ce qui suit n'est pas couvert par la garantie :

1. Les dommages, détérioration, défauts de fonctionnement, ou le fait de ne pas respecter les spécifications d'exécutions résultant d'un (e) :
 - a) accident, acte de la nature, abus, négligence, utilisation impropre ou d'une modification de produit non autorisée ;
 - b) installation incorrecte, déplacement, maintenance ou d'un emploi contraire aux instructions fournies avec le produit ;
 - c) réparations ou tentatives de réparations par une personne non reconnue par Marantz ;
 - d) envoi de produit (les réclamations doivent être présentées au transporteur)
 - e) cause autre qu'un défaut de produit.
2. L'entretien, l'installation initiale, toute vérification de produit ou aucun défaut n'a été trouvé, ou tous frais encourus pour l'installation, le déplacement ou la réinstallation du produit.
3. Tout produit dont le numéro de série a été effacé, modifié ou enlevé.
4. Les accessoires incluant mais non limités aux, piles, câbles, matériaux de support, accessoires de nettoyage, antennes et cordons de secteur détachables.
5. La garantie n'est pas valable si l'achat a été fait au Canada chez un revendeur non reconnu par Marantz.

Qui peut faire appliquer la garantie

Seule la personne qui a acheté le produit à l'origine peut faire appliquer la garantie.

Notre paiement

Nous paierons tous les frais de pièces et de main d'œuvre pour tous les produits couverts par la garantie. Le paiement des frais de livraison est abordé dans la section suivante de cette garantie.

Comment obtenir du service

1. Si votre produit Marantz requiert du service, communiquez premièrement avec votre revendeur autorisé afin de connaître s'il peut procéder au service de votre appareil. Vous pouvez aussi consulter la liste des centres de service autorisés sur notre site web au <http://ca.marantz.com/162.asp> ou contactez nous directement aux coordonnées ci-dessous. Veuillez ne pas retourner votre appareil chez le manufacturier sans autorisation obtenue préalablement.
2. Vous devez payer les frais de livraison dans le cas où votre appareil a besoin d'être envoyé au service des réparations. Toutefois, si les réparations nécessaires sont couvertes par la garantie, nous payerons les frais de retour d'expédition et ce quelle que soit la destination au Canada.
3. Lorsque vous envoyez votre appareil pour un service sous garantie, vous devez joindre une copie de la facture d'achat (ticket ou autre preuve d'achat)

Limites des garanties implicites

Toutes les garanties implicites, y compris les garanties de valeur marchande et spécifique pour un achat particulier, sont limitées dans la durée à la longueur de cette garantie.

Exclusion des dommages

La responsabilité de Marantz est limitée pour n'importe quel produit défectueux en ce qui concerne la réparation ou le remplacement du produit en question. Si des dommages interviennent à des produits autres que ceux de Marantz, Marantz ne sera pas tenu responsable des dits dommages, basés sur le dérangement ou la perte d'utilisation du produit ou tout autre dommage qu'il soit fortuit, indirect ou autre.

Certaines provinces ne permettent pas de limites quant à la durée d'une garantie sous-entendue et/ou ne permettent pas l'exclusion de dommages fortuits ; ainsi les limitations et les exclusions mentionnées ci-dessus peuvent ne pas s'appliquer à votre cas.

Cette garantie vous donne des droits légaux spécifiques, mais vous pouvez aussi avoir d'autres droits qui peuvent varier d'une province à l'autre.

Cette garantie n'est seulement valable qu'au Canada.

MARANTZ Canada

Division of D&M Canada Inc.
5-505 Apple Creek Blvd.,
Markham, Ontario
L3R 5B1
1-888-258-9361
www.marantz.com

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; Tuners; Receivers; Blu-ray DVD Super Audio CD/CD Players/Changers; 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

Division of D&M Canada Inc.
5-505 Apple Creek Blvd.,
Markham, Ontario
L3R 5B1
1-888-258-9361
www.marantz.com

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