

DENON[®]

PMA-50

INTEGRATED AMPLIFIER

Owner's Manual

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

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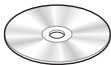
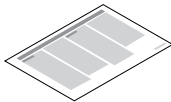
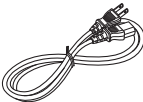
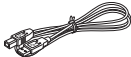
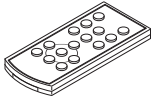
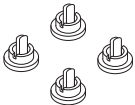
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Thank you for purchasing this Denon product. To ensure proper operation, please read this owner's manual carefully before using the product. After reading this manual, be sure to keep it for future reference.

Accessories

Check that the following parts are supplied with the product.

 Quick Start Guide	 Owner's Manual	 Safety Instructions	 Notes on radio
 Warranty (for North America model only)	 Power cord	 USB cable	 Remote control unit (RC-1202) (built-in battery)
 Caps (silver) (x4)			



Features

High quality

- **Equipped with a high-quality class D amplifier**

The amplifier section incorporates DDFA® technology from CSR. The output stage circuit has a discrete construction which realizes higher S/N and lower distortion compared to conventional class D amplifiers. Additionally, the high 50 W/4 Ω output which exceeds the size of the housing lets you enjoy Denon's ideal audio playback environment that delivers "delicate yet powerful sound".

- **Advanced AL32 Processing**

Equipped with Advanced AL32 Processing, Denon's unique analog wave reproduction technology. Reproducibility of weak signals is increased by expanding the 16-bit digital data to 32 bits.

High performance

- **Supports playback of high resolution audio files**

DSD signals and up to 192 kHz/24 bit PCM signals are supported. You can enjoy high-quality audio playback from this unit by inputting music files into this unit from a computer via USB connection.

- **Wireless connection with Bluetooth enabled devices (🔊 p. 37)**

You can connect Bluetooth enabled devices such as smartphones and tablets with this unit to listen to music while browsing email and Web sites in the Internet away from this unit. In addition, this unit supports high quality audio codecs, aptX and AAC, to enjoy music and games with a powerful sound.

- **NFC function included that enables one touch connection (🔊 p. 42)**

You can just touch this unit with an NFC enabled smartphone or tablet to turn on power to this unit and establish the Bluetooth connection.

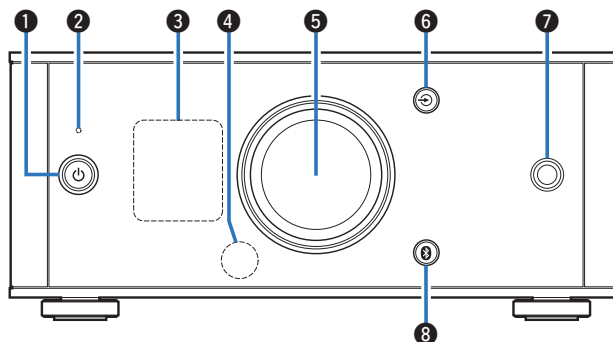
- **Supports vertical installation**

This unit can be installed vertically or horizontally. The display automatically rotates to match the installation orientation.



Part names and functions

Front panel



❶ Power operation button (⏻)

This turns the power on/to standby. (☞ p. 24)

The power status is indicated as follows.

- Power on: Display lit
- Standby: Display off

❷ Protection circuit indicator

This blinks when the protection circuit has operated. (☞ p. 52, 60)

❸ Display

This displays various pieces of information.

❹ Remote control sensor

This receives signals from the remote control unit. (☞ p. 16)

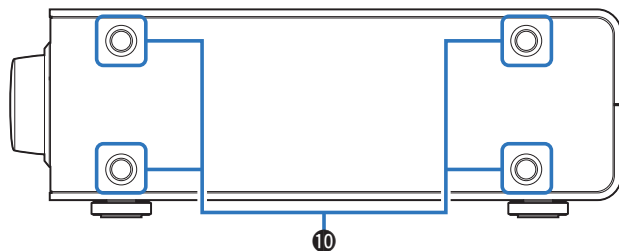
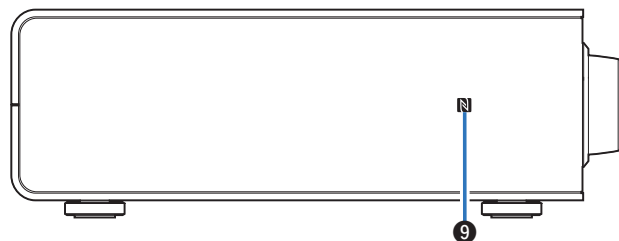
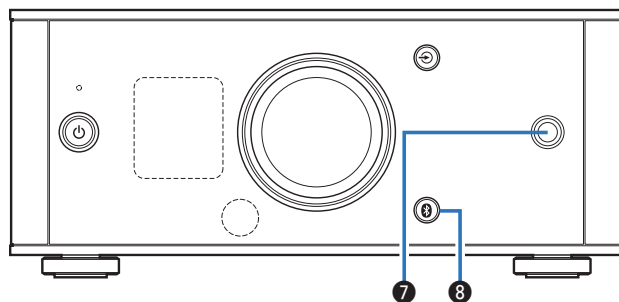
❺ Volume control knob

This adjusts the volume level. (☞ p. 26)

❻ Input source select buttons (⏮)

This switches input sources. (☞ p. 25)





7 Headphones jack

Used to connect headphones.

When the headphones are plugged into this jack, audio will no longer be output from the speaker terminals.

NOTE

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

8 Bluetooth button (Bluetooth symbol)

This switches the input to Bluetooth. This is also pressed during the pairing operation. (➡ p. 38)

9 N mark (N)

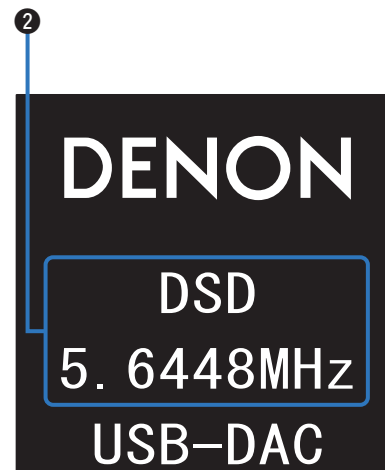
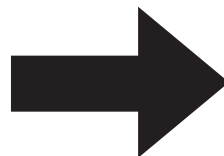
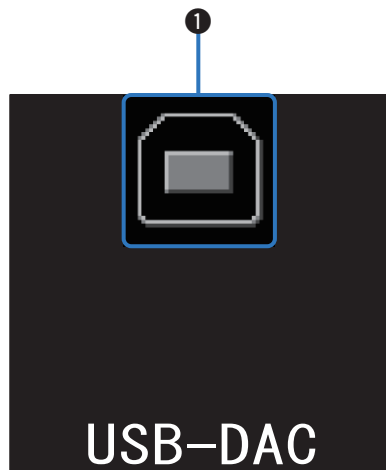
Touch this mark with a Bluetooth device that includes the NFC function when pairing (registering) with it. (➡ p. 42)

10 Installation holes for vertical installation feet

These are used when the unit is installed vertically. (➡ p. 13)



Display



① Input source indicator

The following is displayed depending on the selected input source.

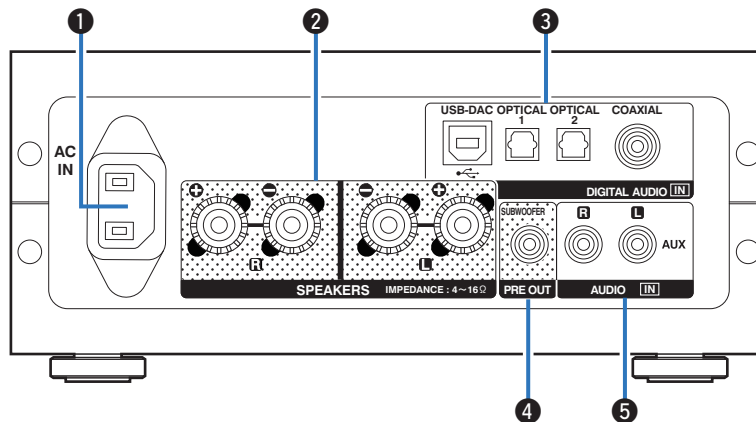
USB-DAC	COAXIAL	OPTICAL-1	OPTICAL-2	AUX	Bluetooth
		1	2		

② Information display

Displays items such as information on the audio signal being input or the name of a Bluetooth device.



Rear panel

**❶ AC inlet (AC IN)**

Used to connect the supplied power cord. (☞ p. 22)

❷ Speaker terminals (SPEAKERS)

Used to connect speakers. (☞ p. 18)

❸ DIGITAL AUDIO IN connectors

Used to connect devices equipped with PC and digital audio output connectors.

❹ Subwoofer terminal (PRE OUT)

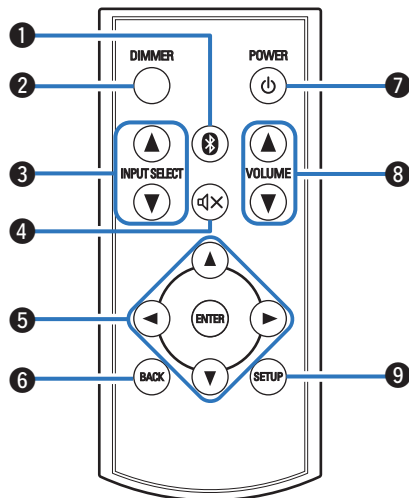
Used to connect a subwoofer with a built-in amplifier.

❺ AUX input connectors (AUDIO IN)

Used to connect devices equipped with analog audio connectors such as CD players.



Remote control unit



❶ Bluetooth button (📶)

This switches the input to Bluetooth. This is also pressed during the pairing operation. (🔍 p. 38)

❷ DIMMER button

Adjust the display brightness of this unit.

❸ INPUT SELECT ▲▼

This switches input sources. (🔍 p. 25)

❹ Mute button (🔇)

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

❺ Cursor buttons (▲▼◀▶)

These select menu items.

❻ BACK button

Returns to the previous item.

❼ Power operation button (🔌)

This turns the power on/to standby. (🔍 p. 24)

❽ VOLUME buttons (VOLUME ▲▼)

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

❾ SETUP button

The setting menu is displayed on the display.



Connections

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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.

Speaker cable	
Audio cable	
Optical cable	
Coaxial digital cable	
USB cable	

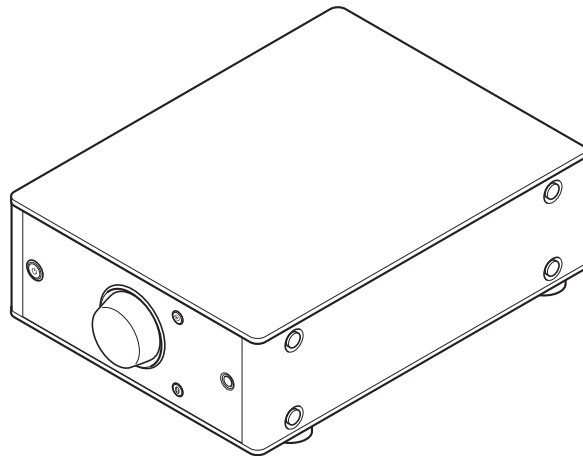


Installing this unit

This unit can be installed in two ways - horizontally or vertically. You can select how to install this unit according to the installation place and your preference.

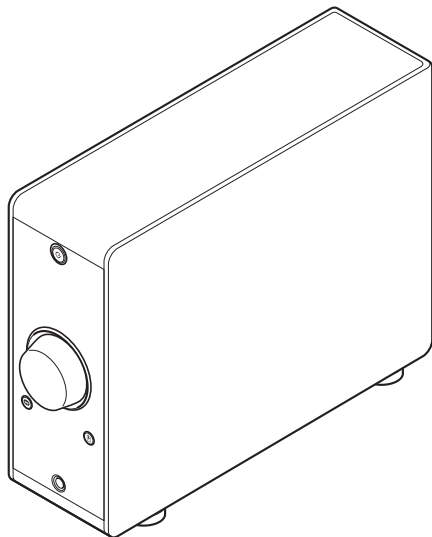
Installing horizontally

The feet are initially attached to the unit for horizontal installation.

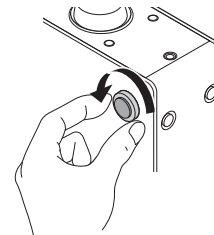


Installing vertically

This orientation is suitable for placing a narrow place such as a place next to a laptop computer.

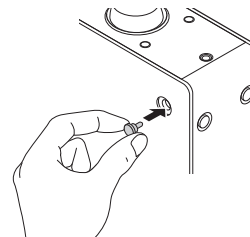


1 Remove the feet.

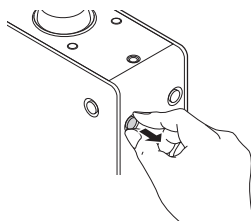


- Rotate each of the 4 feet counter-clockwise to remove.

2 Insert the supplied caps (silver) into the holes from which the feet were removed.



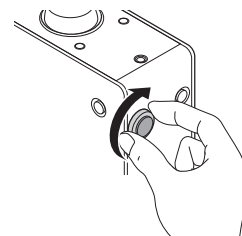
3 Remove the cap (black).



NOTE

Be careful not to damage your nails when removing the caps.
If necessary, use a thin-tipped tool to remove the caps. However, be careful not to damage the unit when using tools.

4 Rotate the removed feet clockwise to attach them.



NOTE

After attaching the feet, adjust the height of the feet as necessary so that the set is stable when installed.



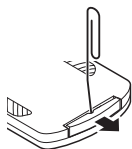
Before using the remote control unit

The remote control unit has a built-in lithium battery.
Pull out the insulation sheet before use.

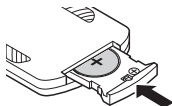


■ Replacing the battery

1. Insert a pointed object into the hole in the battery case and pull out the battery tray.



2. Insert the lithium battery correctly into the battery compartment as indicated.
3. Replace the battery case in the original position.



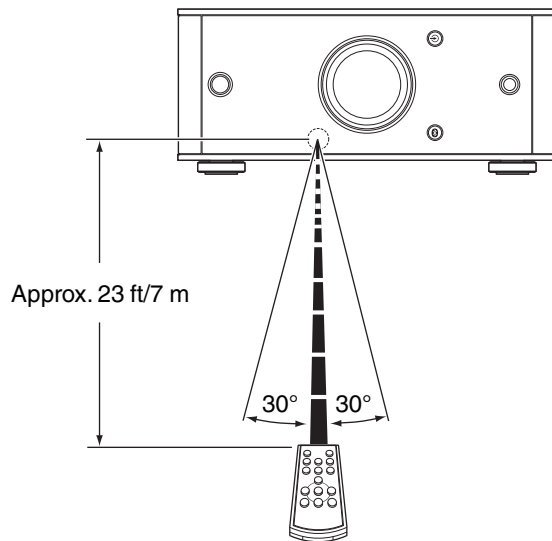
NOTE

- When inserting the lithium battery, be sure to do so in the proper direction, following the $\oplus$ and $\ominus$ marks in the battery compartment.
- If the battery should have a leakage, immediately replace and dispose of the battery. In this case, there is a risk of burn when the liquid comes in contact with skins or clothes, so a great care should be taken. If the liquid accidentally comes in contact, wash with tap water and consult a doctor.
- Remove the battery from the remote control unit if it will not be in use for long periods.

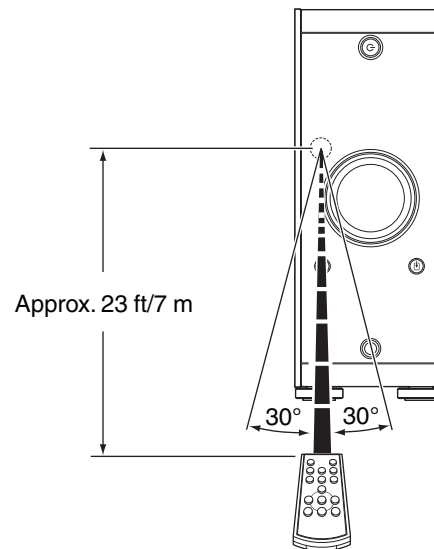


Operating range of the remote control unit

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



[Horizontal installation]



[Vertical installation]



Connecting speakers

NOTE

- Disconnect this unit's power plug from the power outlet before connecting the speakers. Also, turn off the subwoofer.
- 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. ("Connecting the speaker cables" (p. 17))
- Never touch the speaker terminals while the power cord is connected. Doing so could result in electric shock.
- Use speakers with impedance of 4 - 16 Ω /ohms.

■ Connecting the speaker cables

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

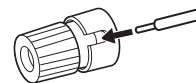
- 1 Peel off about 3/8 inch (10 mm) of sheathing from the tip of the speaker cable, then either twist the core wire tightly or terminate it.**



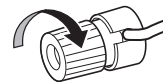
- 2 Turn the speaker terminal counterclockwise to loosen it.**



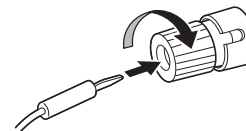
- 3 Insert the speaker cable's core wire to the hilt into the speaker terminal.**



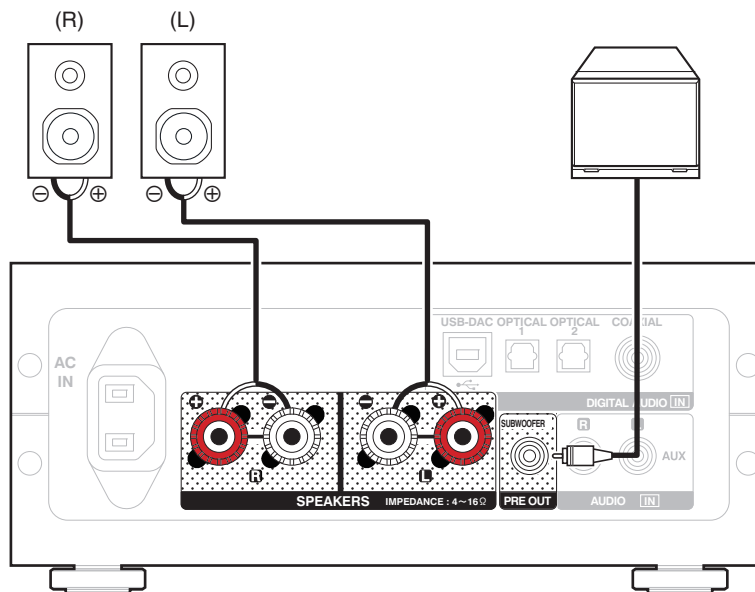
- 4 Turn the speaker terminal clockwise to tighten it.**



When using banana plugs, rotate the terminals clockwise to tighten them before inserting the banana plugs.

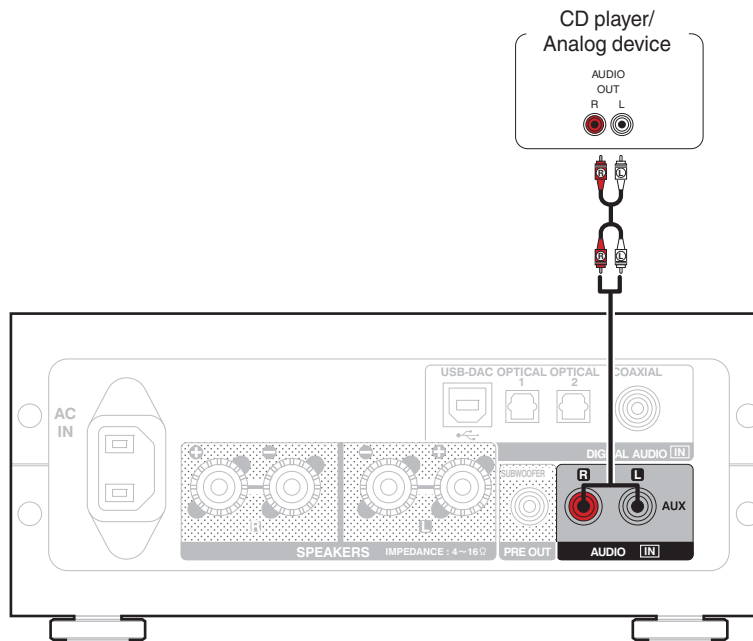


Speaker connection



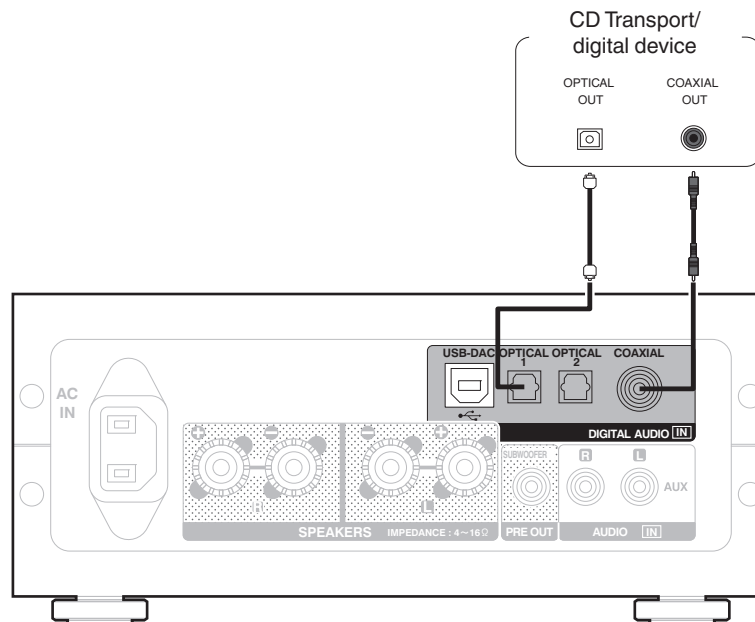
Connecting to a device with analog audio output connectors

This unit can be connected to an analog device such as a CD player.



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. 27)



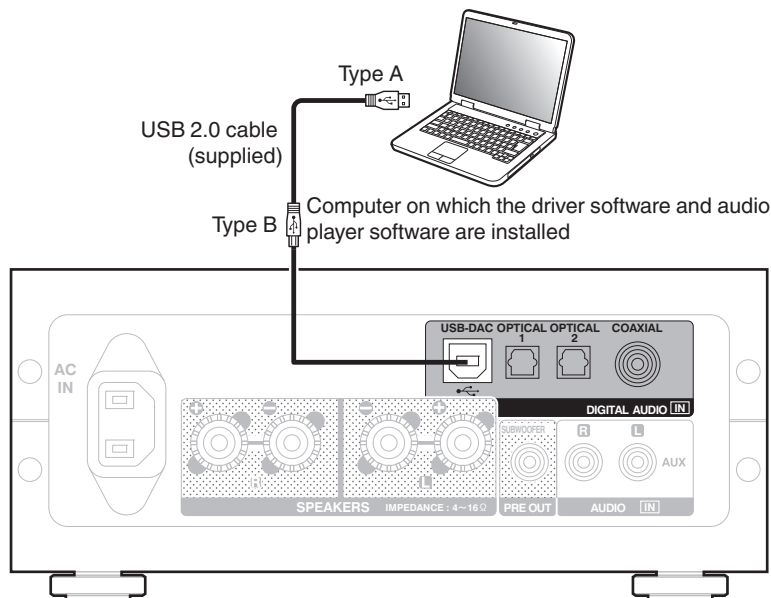
NOTE

- Linear PCM signals with a sampling frequency of 32 kHz, 44.1 kHz, 48 kHz, 64 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, or 192 kHz can be input into this device.
- Do not input non-PCM signals, such as DTS and AAC. This causes noise and could damage the speakers.



Connecting a PC or Mac

By connecting a computer to the USB-DAC port on the rear panel of this unit using a commercially available USB connecting cable (supplied), this unit can be used as a D/A converter. (🔧 p. 27)



- Before USB connecting this unit to your computer, install the driver software in your computer. (🔧 p. 27)
- Download the driver software from the PMA-50 page of the Denon website.

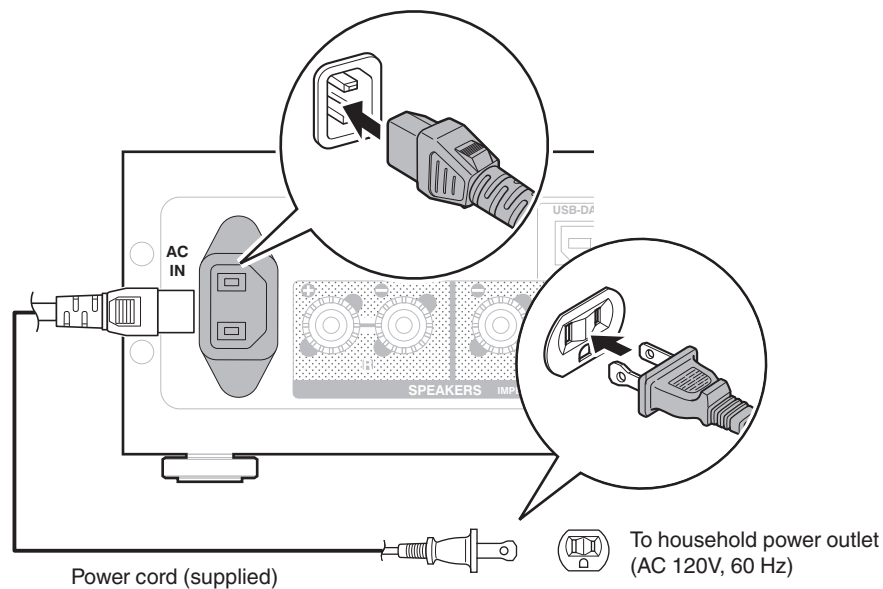
NOTE

Use a cable that is 10 ft (3 m) or less to connect to the computer.



Connecting the power cord

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



■ Contents

Basic operation

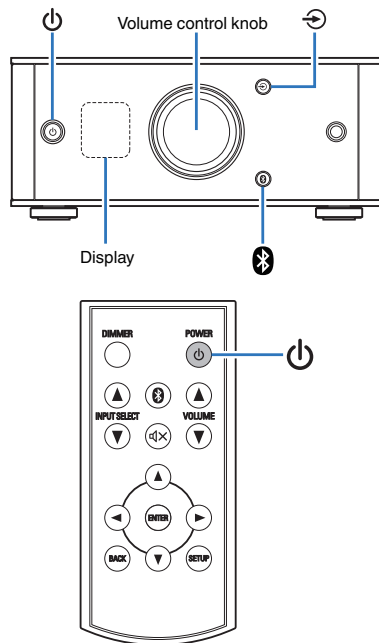
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Basic operation



Turning the power on

1 Press to turn on power to this unit.

Turns the display on.

■ Switching power to the standby mode

1 Press .

Turns the display off.



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

NOTE

When the power is in the standby mode, some circuits are electrified. Before you go out or travel for a long period of time, disconnect the power cord from the power outlet.



Selecting the input source

■ Selecting USB-DAC, DIGITAL IN or ANALOG IN

1 Press to select the input source to be played.

The following icon appears on the display.



USB-DAC:

Plays back audio on the computer.



COAXIAL:

Plays back the device connected to the COAXIAL connector.



OPTICAL 1:

Plays back the device connected to the OPTICAL 1 connector.



OPTICAL 2:

Plays back the device connected to the OPTICAL 2 connector.



AUX:

Plays back the device connected to the AUX connector.



You can also press INPUT SELECT  on the remote control unit for this operation.

■ Selecting Bluetooth

1 Press .

The following icon appears on the display.



Bluetooth:

Connects and plays back a Bluetooth device.



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



Adjusting the master volume

1 Turn the volume control knob to adjust the volume.

The volume level appears on the display.



- You can also press VOLUME ▲▼ on the remote control unit for this operation.
- You can adjust the volume level to --- dB (minimum) and between -90 dB and 0 dB.

■ Turning off the sound temporarily (muting)

1 You can also press on the remote control unit.

MUTING is displayed on the display.

- Press  again to cancel the muting.

Switching the display's brightness

The display brightness can be adjusted between three levels.

1 Press DIMMER.



Playing a device

Connect the device you want to play back beforehand.
("Connections" (🔗 p. 11))

Playing music on a computer (USB-DAC)

You can enjoy high-quality audio playback from the D/A converter built in to this unit by inputting music files into this unit from a computer via USB connection.

- Before USB connecting this unit to your computer, install the driver software in your computer.
- Drivers do not need to be installed for Mac OS.
- Also, you can use whichever commercially available or downloadable player software you like to playback files on your computer.

■ Computer (recommended system)

OS

- Windows® Vista, Windows 7 or Windows 8/8.1
- Mac OS X 10.6.3 or later

USB

- USB 2.0: USB High speed/USB Audio Class Ver.2.0

NOTE

This unit was checked the operation using the recommended system by us, but it does not guarantee the operation of all systems.

- **DSD is a registered trademark.**
- **Microsoft, Windows Vista, Windows 7 and Windows 8 are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.**
- **Apple, Macintosh and Mac OS are trademarks of Apple Inc., registered in the U.S. and other countries.**

Windows OS Installing the dedicated driver (🔗 p. 28)

Mac OS Audio Device Settings (🔗 p. 33)



■ Installing the dedicated driver (Windows OS only)

□ Installing the driver software

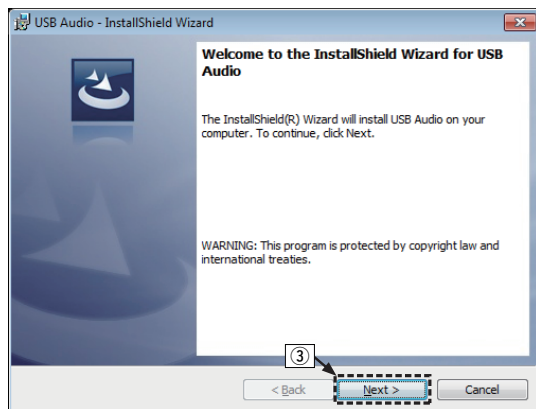
- 1 Disconnect the USB cable between your PC and the unit.**
 - The driver software cannot be installed correctly if your PC is connected to the unit by a USB cable.
 - If the unit and your computer are connected by a USB cable and the computer is switched on before installation, disconnect the USB and restart the computer.
- 2 Download the dedicated driver from the “Download” section of the PMA-50 page of the Denon website onto your PC.**
- 3 Unzip the downloaded file, select the 32-bit or 64-bit exe file that matches your Windows operating system, and double-click the file.**

4 Install the driver.

- ① Select the language to use for the installation.
- ② Click “OK”.



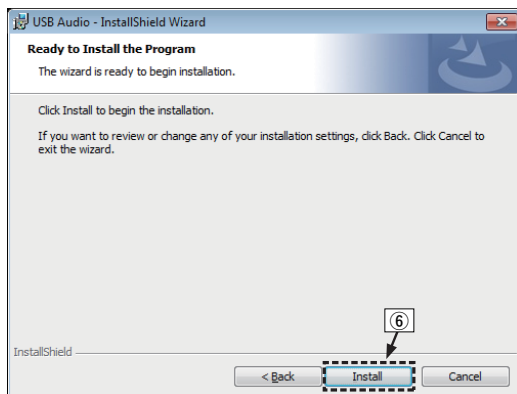
- ③ The wizard menu is displayed. Click “Next”.



- ④ Read the Software Licensing Agreement, and click “I accept the terms in the license agreement”.
- ⑤ Click “Next”.



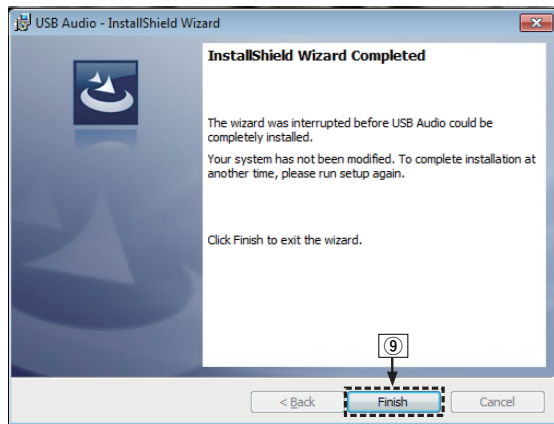
- ⑥ Click “Install” on the installation start dialog.
- The installation starts. Do not perform any operation on the PC until the installation is completed.



- ⑦ In the Windows security dialog, select “Always trust software from “DandM Holdings Inc.””.
- ⑧ Click “Install”.



- ⑨ When the installation is completed, click “Finish”.



5 With the unit power off, connect the unit and PC using a USB cable (supplied).

- For the connection procedure, refer to the “Connecting a PC or Mac” (🔗 p. 21) section.

6 Press POWER ⏻.

- When the unit power is turned on, the PC automatically finds and connects to the unit.

7 Press the input source select button (USB-DAC) to switch the input source to “USB-DAC”.

8 Checking the installed driver.

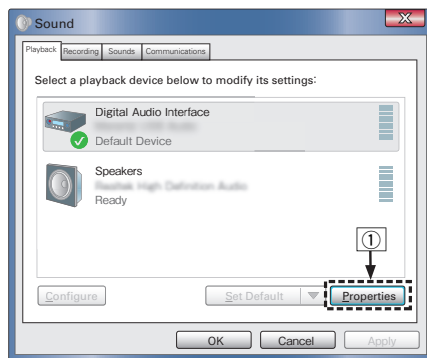
- Click the “Start” button and click “Control Panel” on the PC.
 - The control panel setting list is displayed.
- Click the “Sound” icon.
 - The sound menu window is displayed.
- Check that there is a checkmark next to “Default Device” under in “Digital Audio Interface” of the “Playback” tab.
 - When there is a checkmark for a different device, click Denon USB Audio and “Set Default”.



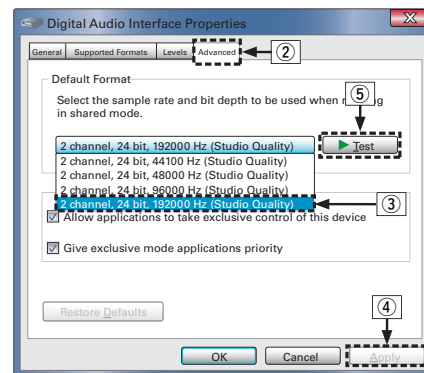
9 Checking audio output.

Outputs a TEST signal from the PC and checks the audio output from the USB-DAC function.

- ① Select “Digital Audio Interface” and click “Properties”.
 - The Digital Audio Interface Properties window is displayed.



- ② Click the “Advanced” tab.
- ③ Select the sampling rate and bit rate to be applied to the D/A converter.
 - It is recommended that “2 channel, 24 bit, 192000 Hz (Studio Quality)” is selected.
- ④ Click “Apply”.
- ⑤ Click “Test”.
 - Check that audio from this unit is output from the PC.



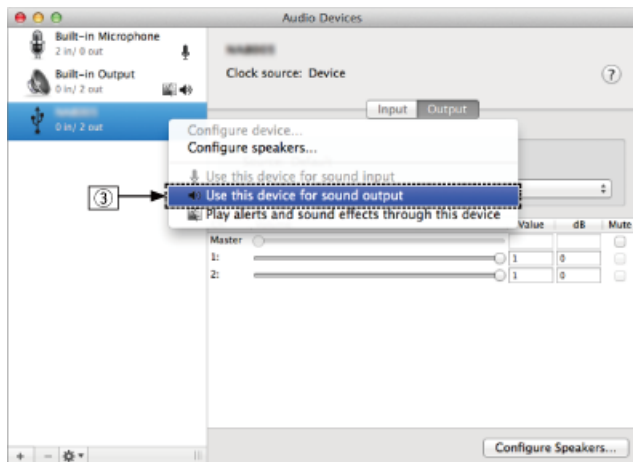
NOTE

- The dedicated driver must be installed in the PC before this unit is connected to a PC. Operation will not occur correctly if connected to the PC before the dedicated driver has been installed.
- Operation may fail in some PC hardware and software configurations.

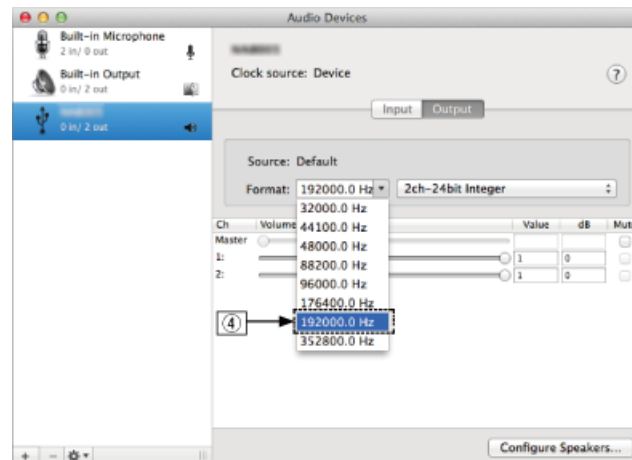


■ Audio Device Settings (Mac OS X only)

- ① Move the cursor to “Go” on the computer screen, and then click “Utilities”.
- The utility list is displayed.
- ② Double-click “Audio MIDI Setup”.
- The “Audio Devices” window is displayed.
- ③ Check that “Use this device for sound output” is checked in “PMA-50”.
- If a different device is checked, select and “Secondary click” on “PMA-50”, and then select “Use this device for sound output”.



- ④ Select the “PMA-50” format.
- It is normally recommended to set the format to “192000.0 Hz” and “2ch-24 bit Interger”.



- ⑤ Quit Audio MIDI Setup.



■ Playback

Install the desired player software on your computer beforehand.
Use the rear panel USB-DAC port to connect this unit to a computer.
( p. 21)

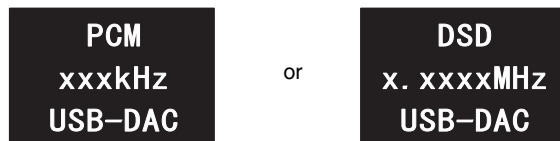
1 Press to select the input source to “USB-DAC”.

Start playback on the computer's player software.

The digital audio signal that is being input is shown as follows in the display.



You can also press INPUT SELECT ▲▼ on the remote control unit for this operation.



(xxxx is the sampling frequency.)

- If the sampling frequency cannot be detected, “Unlocked” will be displayed.
- “Unsupported” is displayed when audio signals that are not supported by this unit are input.

■ Files that can be played back

See “D/A converter” ( p. 59).

NOTE

- Perform operations such as playback and pause on the computer. At this time, you cannot perform operations with buttons on this unit or the remote control.
- You can also control the volume and equalizer on the computer. Enjoy playing music at the desired volume.
- When this unit is functioning as a D/A converter, sound is not output from the computer's speakers.
- If the computer is disconnected from this unit while the computer music playback software is running, the playback software may freeze. Always exit the playback software before disconnecting the computer.
- When an error occurs on the computer, disconnect the USB cable and restart the computer.
- The sampling frequency of the music playback software and sampling frequency displayed on this unit may differ.
- Use a cable that is 10 ft (3 m) or less to connect to the computer.



Listening to music via a digital connection (COAXIAL/OPTICAL-1/OPTICAL-2)

1 Press to select the input source to “COAXIAL”, “OPTICAL-1” or “OPTICAL-2”.

The digital audio signal that is being input is shown as follows in the display.



You can also press INPUT SELECT   on the remote control unit for this operation.



(xxxx is the sampling frequency.)

- If the sampling frequency cannot be detected, “Unlocked” will be displayed.
- “Unsupported” is displayed when audio signals that are not supported by this unit are input.

Files that can be played back

See “D/A converter” ( p. 59).

NOTE

- Do not input non-PCM signals, such as Dolby Digital, and DTS. This causes noise and could damage the speakers.
- If the sampling frequency switches, such as from A mode to B mode in a CS broadcast, muting may operate for 1 – 2 seconds, cutting the sound.



Listening to music via a analog connection (AUX)

- 1** Press  to select the input source to “AUX”.
- 2** **Play back music on the connected device.**
The speakers output music from the connected device.



Listening to music on a Bluetooth device

You can listen to music wirelessly by connecting this unit to a Bluetooth device via Bluetooth.

■ Pairing

Pairing (registration) is an operation that is required in order to connect a Bluetooth device to this unit using Bluetooth. When paired, the devices authenticate each other and can connect without mistaken connections occurring.

When using Bluetooth connection for the first time, you need to pair this unit and the Bluetooth device to be connected. This unit can store pairing information for a maximum of 8 devices.

NOTE

You cannot simultaneously output music from multiple Bluetooth devices.

■ How to establish a Bluetooth connection

There are three types of Bluetooth connection methods. Use an appropriate type depending on your environment.

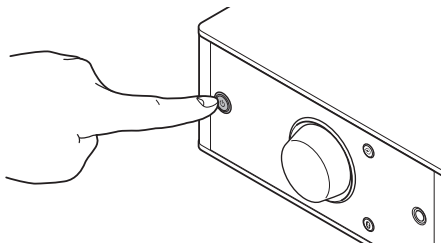
- Case 1 Pairing with this unit for the first time
( p. 38)
- Case 2 Connecting a Bluetooth device that this unit performed pairing for before
( p. 41)
- Case 3 Connecting a Bluetooth device with the NFC function via NFC
( p. 42)



■ Case 1: Pairing with this unit for the first time

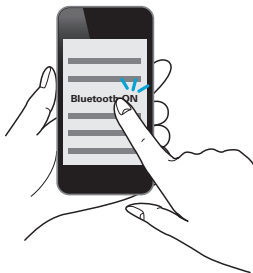
1 Press to turn on power to this unit.

Turn the display on.



2 Turn on the Bluetooth function on the Bluetooth device.

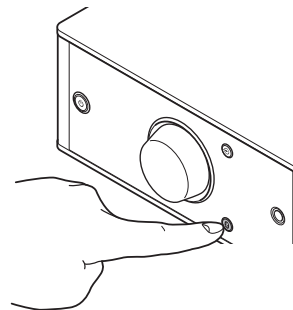
- For details, see the owner's manual for your Bluetooth device.



3 Press for 3 seconds or longer.

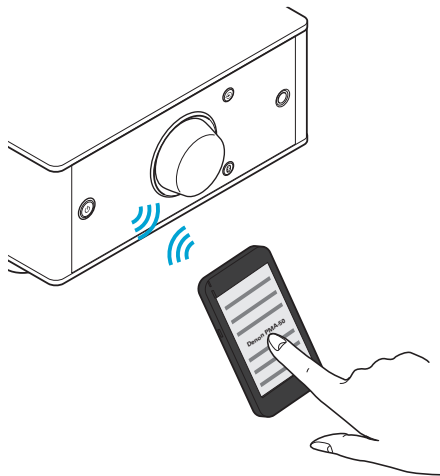
"Pairing" appears on the display, and the unit enters the pairing mode.

- When you press  for the first time after purchase, this unit automatically enters the pairing mode.



4 Select “Denon PMA-50” from the list of devices displayed in the screen on the Bluetooth device.

When pairing is complete and the device is connected via Bluetooth, the device name appears on the display of this unit.



- When “Denon PMA-50” is not displayed in the screen on the Bluetooth device, search for devices on the Bluetooth device.
- When you are prompted for a pass key in the screen on the Bluetooth device, enter “0000”.
- English letters, numbers and certain symbols are displayed. Incompatible characters are displayed as “.” (period).



5 Play back music on the Bluetooth device.

The speakers output music that the Bluetooth device is playing back.



- Adjust to the appropriate volume level.
- When the pairing fails, retry from step 3.
- To perform pairing for another Bluetooth device, repeat steps 2 to 5 for each device you want to perform pairing for.
- When no Bluetooth device is connected, “No Connection” appears on the display.

NOTE

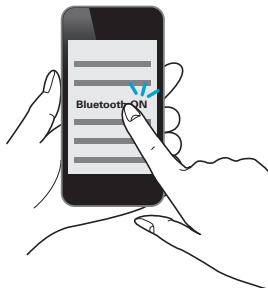
- The pairing mode on this unit lasts for approx. 5 minutes. When the pairing mode on this unit is canceled before the pairing is completed, retry from step 3.
- This unit cannot perform pairing against a Bluetooth device with a pass key other than “0000”.



■ Case 2: Connecting a Bluetooth device that this unit performed pairing for before

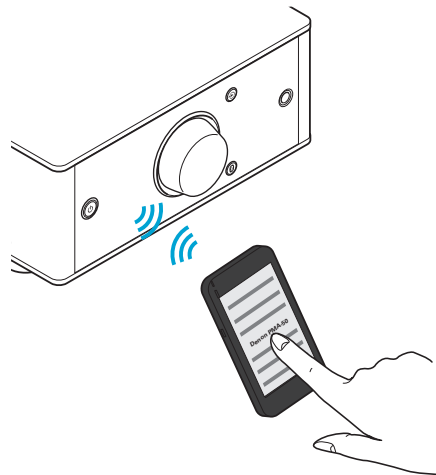
1 Turn on the Bluetooth function on the Bluetooth device.

- For details, see the owner's manual for your Bluetooth device.



2 Select "Denon PMA-50" from the list of devices displayed in the screen on the Bluetooth device.

Power to this unit is automatically turned on and this unit attempts to establish the Bluetooth connection. When the device is connected via Bluetooth, the device name appears on the display of this unit.



3 Play back music on the Bluetooth device.

The speakers output music from the Bluetooth device.



■ Case 3: Connecting a Bluetooth device with the NFC function via NFC

You can just touch this unit with a Bluetooth device to turn on power to this unit and perform pairing or establish a connection between this unit and the Bluetooth device.

1 Turn on the NFC function on the Bluetooth device.

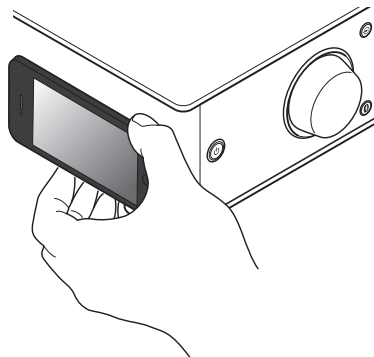
- For details, see the owner's manual for your Bluetooth device.

2 Touch on this unit with the NFC antenna part on the Bluetooth device.

Power to this unit is turned on and this unit attempts to establish the Bluetooth connection.

When the device is connected via Bluetooth, the device name appears on the display of this unit.

- Complete operations as instructed by the Bluetooth device.



3 Play back music on the Bluetooth device.

This unit outputs music from the Bluetooth device.



- When you touch the N mark () on this unit with the Bluetooth device that is playing back music, this unit outputs that music.
- Touch the N mark () again during the Bluetooth connection to disconnect the connection.
- When you touch the N mark () with a different Bluetooth device during the Bluetooth connection, this unit stops playing back for the currently connected Bluetooth device and connects to the newly touched Bluetooth device.

NOTE

- Before establishing a NFC connection, cancel the lock function on the Bluetooth device.
- When you touch this unit with a Bluetooth device, do so softly.



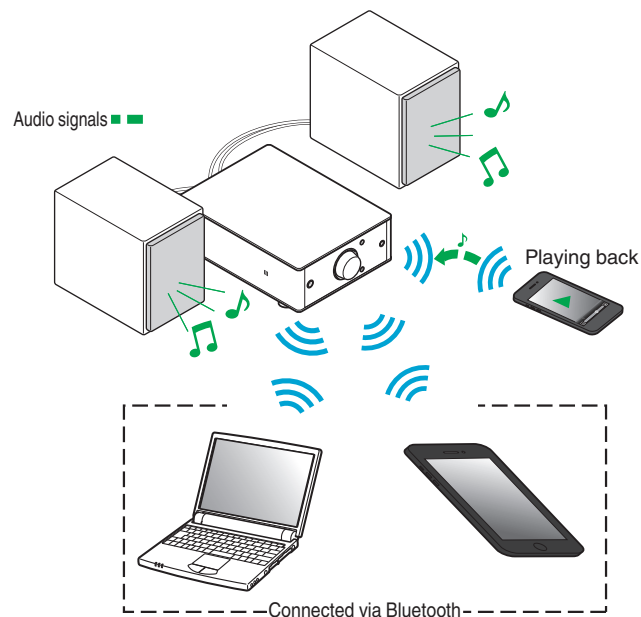
■ Simultaneously connecting multiple Bluetooth devices (multi point function)

This unit can only output music from one connected Bluetooth device, but up to 3 Bluetooth devices can simultaneously be connected.

("Listening to music on a Bluetooth device" (p. 37))

If frequently used devices are connected, it is useful for switching the playback device because you do not have to reconnect them.

Perform pairing for devices you want to connect to beforehand.



■ Switching the playback device

- 1** Stop or pause the device that is currently played back.
- 2** Play back the device that you want to output music from.



Turn the power of this unit to standby before turning the Bluetooth function of the Bluetooth device off.



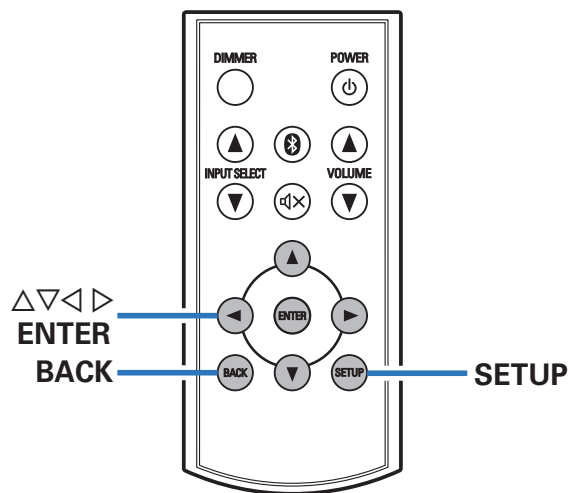
Menu map

For menu operations, see the following page.

By default, this unit has recommended settings defined. You can customize this unit based on your existing system and your preferences.

Setting items	Description	Page
Source Direct	Sets the tone adjustment.	47
Bass	Adjusts the bass sound.	47
Treble	Adjusts the treble sound.	47
Balance	Adjust the left/right volume balance.	47
H/P AMP Gain	Set the gain of the headphone amplifier.	47
Bluetooth	Switches the Bluetooth function on/off.	48
Auto Standby	When there is no input signal and operation for 30 minutes, this unit automatically enters the standby mode.	48





■ Menu operation

1 Press **SETUP**.

The menu is displayed on the display.

2 Use **Δ ∇** to select the menu to be set or operated, then press **ENTER**.

3 Use **Δ ∇ ◀ ▶** to change to desired setting.

4 Press **ENTER** to enter the setting.

- To return to the previous item, press **BACK** or **◀**.
- Exiting the Menu, press **SETUP** while the menu is displayed. The display returns to the normal display.



Source Direct

Set whether to adjust the tone.

Off (Default):	Adjusting the tone.
On:	Tone is not adjusted. Tone adjustments (Bass, Treble, Balance) are disabled.

Bass

Adjusts the bass sound.

-8dB – +8dB (Default : 0dB)

Treble

Adjusts the treble sound.

-8dB – +8dB (Default : 0dB)

Balance

Use ◀▶ to adjust the left/right volume balance.

H/P AMP Gain

Set the gain of the headphone amplifier. Set this according to the impedance of the connected headphones. It is recommended that this is set on the “Low” side if the headphones have low impedance and on the “High” side if they have high impedance.

Low (Default):	Set the gain of the headphone amplifier to “Low”.
Mid:	Set the gain of the headphone amplifier to “Mid”.
High:	Set the gain of the headphone amplifier to “High”.

NOTE

The headphone volume varies depending on the “H/P AMP Gain” setting. Decrease the volume or mute the audio first if changing this setting while listening to audio.



Bluetooth

Stopping Bluetooth function reduces a source of noise that affects sound quality, enabling higher sound quality playback.

On (Default):	Enables the Bluetooth function.
-------------------------	---------------------------------

Off:	Disables the Bluetooth function.
-------------	----------------------------------



When Bluetooth is “Off”, the input source cannot be switched to Bluetooth.

Auto Standby

When there is no input signal and operation for 30 minutes, this unit automatically enters the standby mode.

On:	The unit goes into standby after 30 minutes.
------------	--

Off: (Default):	The unit does not go into standby automatically.
---------------------------	--



■ Contents

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Tips

I want to turn on power to this unit from a Bluetooth device

- Once you perform pairing between this unit and a Bluetooth device, you can turn on power to this unit by operating the Bluetooth device. Select “PMA-50” from the list of Bluetooth devices to turn on power to this unit.

I want to switch the connection to a different Bluetooth device

- This unit can only output music from one connected Bluetooth device, but up to 3 Bluetooth devices can simultaneously be connected. To switch the connection easily, always have the frequently used Bluetooth devices connected. When multiple Bluetooth devices are connected and you want to switch to a different Bluetooth device, stop playback on the device that is currently played back and play back the Bluetooth device that you want to output music from. (🔍 p. 44)

I want to connect to an NFC enabled device via NFC

- Enable the NFC function on an NFC enabled device, and touch the N mark (N) on this unit with the NFC device. (🔍 p. 42)

I want to adjust the tone myself

- Adjust the “Bass”, “Treble” and “Balance” in the setup menu to the desired levels.

I want sound playback that is faithful to the original sound

- Set “Source Direct” in the setup menu to “On”.



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 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

Symptom	Cause / Solution	Page
Power does not turn on.	• Check whether the power cord is correctly inserted into the power outlet.	22
	• Check the connection between this unit and the power cord.	22
	• This unit is in the standby mode. Press the power button (⏻).	24
	• Use the power cord that is supplied with this unit.	22
Power automatically turns off.	• The auto standby mode is on. When approx. 30 minutes pass with no audio input, this unit automatically enters the standby mode. To turn Auto Standby mode off, set "Auto Standby" on the setup menu to "Off".	48
Power turns off and the protection circuit indicator flashes in red approx. every 2 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.	24
	• Please re-install this unit in a place having good ventilation.	—
Power turns off and the protection circuit indicator flashes in red approx. every 0.5 seconds.	• 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, firmly re-twist the core wire, and then reconnect the wire.	17
	• Turn down the volume and turn on the power again.	24
	• This unit's amplifier circuit has failed. Unplug the power cord and contact our customer service center.	—



■ No sound comes out

Symptom	Cause / Solution	Page
Audio is not output.	• Check the connections for all devices.	17
	• Check the sound settings on the computer.	27
	• Insert connection cables all the way in.	—
	• Check that the covered part of the speaker cable is not inserted into the speaker terminal.	17
	• Check cables for damage.	—
	• Check that a proper input source is selected.	25
	• Check that power to this unit and the connected devices is on.	—
	• Adjust to an appropriate volume level on this unit and the connected devices.	26
	• To playback via a Bluetooth connection, perform pairing between this unit and the Bluetooth device.	37
	• When the muting mode is enabled, cancel the muting.	26



■ Sound is distorted or interrupted, or noise occurs

Symptom	Cause / Solution	Page
Sound is distorted or interrupted, or noise occurs.	• Adjust to an appropriate volume level on this unit and the connected devices.	<u>26</u>
	• Place the device connected via Bluetooth closer to this unit.	—
	• Place this unit away from microwaves, wireless LAN devices, etc.	—
	• Turn off and on power to Bluetooth devices.	—
	• Turn down the volume of the playback device connected to the AUX connector.	—
	• Switch “H/P AMP Gain” to “Mid” or “High” if using headphones with high impedance or low sensitivity.	—
Sound is interrupted during playback of music from a computer.	• During playback of music from the computer, do not run any applications other than the player software.	—

■ 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.	<u>17</u>
	• Adjust the BALANCE control knob.	<u>47</u>
The left and right of stereo sound is reversed.	• Check whether the left and right speakers are connected to the correct speaker terminals.	<u>18</u>



■ Files on a computer cannot be played back

Symptom	Cause / Solution	Page
This unit is not recognized on the computer.	• Reconnect the USB cable to the USB port on your computer. When this unit is still not recognized after reconnection, connect to a different USB port.	21
	• Restart your computer.	—
	• Check the OS of your computer.	27
	• When your computer is running on Windows, a dedicated driver software should be installed.	28
This unit is not selected as the playback device.	• Select this unit as the playback device in the sound settings on the computer.	27
“Unlocked” is displayed.	• When digital audio signals cannot be detected properly, “Unlocked” is displayed.	27
“Unsupported” is displayed.	• “Unsupported” is displayed when audio signals that are not supported by this unit are input. Check the settings on your computer or player software.	27
	• If the computer you use is “Mac OS”, please check if the “PMA-50” format is set below “192000.0 Hz” using the “Audio MIDI Setup”.	33



■ Audio from digital devices cannot be played back (Coaxial/Optical)

Symptom	Cause / Solution	Page
"Unlocked" is displayed.	When digital audio signals cannot be detected properly, "Unlocked" is displayed.	35
"Unsupported" is displayed.	"Unsupported" is displayed when audio signals that are not supported by this unit are input. Check the audio output signal format from your digital device.	35

■ Pairing fails

Symptom	Cause / Solution	Page
Pairing fails.	Turn off and on power to this unit.	24
	Place the Bluetooth device within 1m of this unit and perform pairing again.	37
	Search for devices from the list of the Bluetooth devices.	—
	Turn off and on power to Bluetooth devices.	—

■ NFC connection fails

Symptom	Cause / Solution	Page
NFC connection fails.	Check that the Bluetooth device has the NFC function.	—
	Touch the N mark (N) on this unit, checking the location of the NFC antenna on the Bluetooth device. Touch surely until the Bluetooth device responds.	42



■ 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.	15
	• Operate the remote control unit within a distance of about 23 ft/7 m from this unit and at an angle of within 30°.	16
	• Remove any obstacle between this unit and the remote control unit.	—
	• Insert the batteries in the proper direction, checking the ⊕ and ⊖ marks.	15
	• 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 wireless 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.	—

■ The Bluetooth device names are not displayed properly

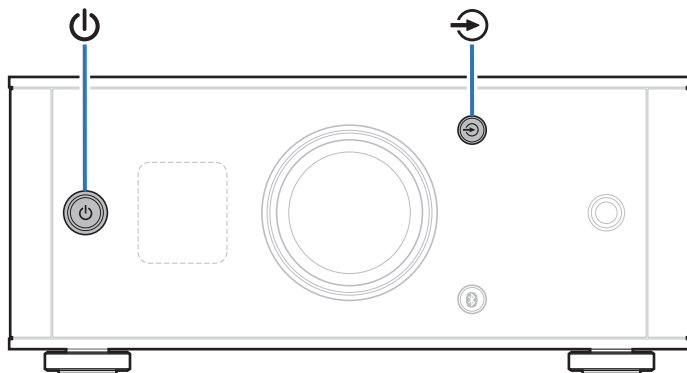
Symptom	Cause / Solution	Page
The device names are not displayed properly ("...", etc.).	• Characters that cannot be displayed have been used. On this unit, characters that cannot be displayed are replaced with a "." (period).	—
	• The device address is displayed when the device name cannot be obtained.	—



Resetting to factory settings

Perform this when this unit does not operate properly.

Various settings are reset to the factory default values. Make settings again.



- 1** When this unit is in the standby mode, press  while holding .

"INITIALIZE" appears on the display and this unit restarts.

NOTE

Pairing information stored on this unit is also initialized. Perform pairing again.



Types of playable digital audio input signals

D/A converter

■ Compatible formats

□ USB-DAC

	Sampling frequency	Bit length
DSD (2-channel)	2.8/5.6 MHz	1 bit
Linear PCM (2-channel)	32/44.1/48/88.2/96/ 176.4/192 kHz	16/24 bits

□ Coaxial/Optical

	Sampling frequency	Bit length
Linear PCM (2-channel)	32/44.1/48/64/88.2/96/ 176.4/192 kHz	16/24 bits

Playing back Bluetooth devices

This unit supports the following Bluetooth profiles.

- A2DP (Advanced Audio Distribution Profile) :

When a Bluetooth device that supports this specification is connected, you can perform high quality streaming distribution of monaural and stereo audio data.

- AVRCP (Audio/Video Remote Control Profile) :

When a Bluetooth device that supports this specification is connected, you can operate the Bluetooth device from this unit.

Bluetooth communications

The radio waves broadcast from this unit may interfere with operations on medical equipment. The radio wave interference may cause a malfunction. Therefore, make sure to turn off power to this unit and Bluetooth devices in the following places.

- Hospitals, trains, airplanes, gas stands, and other places where flammable gas may occur.
- Places near automatic doors and fire alarms.



Explanation of terms

Bluetooth

Technology for near field wireless communications. This unit can connect to Bluetooth devices wirelessly. To establish a Bluetooth connection, you must perform pairing (registering) beforehand.

DSD (Direct-Stream Digital)

One of the audio data recording methods, it is the signal aspect used to store audio signals on a super audio CD, and is $\Delta\Sigma$ modulated digital audio. It is configured of an array of single bit values at a 2.8224MHz sampling rate.

NFC (Near Field Communication)

Technology for near field wireless communications. You can just touch this unit with a device with the NFC function to establish a connection between this unit and the device.

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.

Pairing

Pairing (registration) is an operation that is required in order to connect a Bluetooth device to this unit using Bluetooth. When paired, the devices authenticate each other and can connect without mistaken connections occurring.

When using Bluetooth connection for the first time, you need to pair this unit and the Bluetooth device to be connected.

This unit can store pairing information for a maximum of 8 devices.

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.

Linear PCM

Uncompressed PCM (Pulse Code Modulation) signals. Unlike lossy compression audio sources such as MP3, no audio quality or dynamic range deteriorates.



Trademark information



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Specifications

■ Audio section

- Output performance

Rated output:

both channels driven

25 W+25 W (8 Ω /ohms, 1 kHz, T.H.D. 0.1 %)

50 W+50 W (4 Ω /ohms, 1 kHz, T.H.D. 1.0 %)

Output connectors:

Speaker: 4-16 Ω /ohms

Headphones: Φ 6.3 mm jack

Total harmonic distortion:

0.004 % (Digital in, Rated output -3 dB, 8 Ω /ohms, 1 kHz)

S/N ratio:

110 dB (Digital in, 25 W, 8 Ω /ohms, 1 kHz, IHF-A)

- Digital input signal

Audio formats:

Digital audio interface (Linear PCM)

Coaxial input:

0.5 Vp-p/50 Ω /ohms

Optical input:

More than -27 dBm

Wavelength:

660 nm

- Input performance

Input sensitivity / Input impedance:

AUX: 0.13 V / 22 k Ω /kohms



■ Bluetooth section

Communication system:	Bluetooth version 3.0
Transmission power:	Maximum 2.5 mW (Class2)
Maximum communication range:	Approx. 32.8 ft/10 m in line of sight *
Frequency band:	2.4 GHz band
Modulation method:	FHSS (Frequency-Hopping Spread Spectrum)
Supported profiles:	A2DP 1.3/AVRCP 1.5
Supported codecs:	aptX Low Latency/AAC/SBC

* The actual communication range varies depending on the influence of such factors as obstructions between devices, electromagnetic waves from microwave ovens, static electricity, cordless phones, reception sensitivity, antenna performance, operating system, application software etc.

■ General

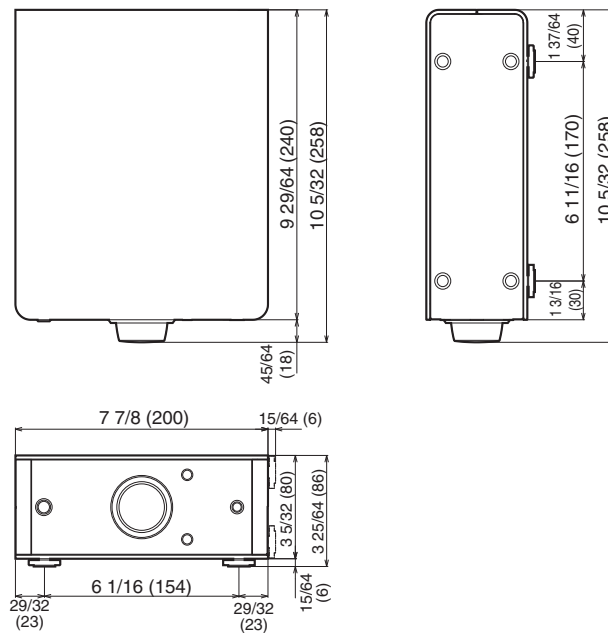
Power supply:	AC120 V, 60 Hz
Power consumption:	35 W
Power consumption in standby mode:	0.2 W

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



■ Dimensions

Unit : in. (mm)



■ Weight: 5 lbs 8 oz (2.5 kg)



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DENON®

www.denon.com

D&M Holdings Inc.
3520 10370 00AD

DENON[®]

PMA-50

INTEGRATED AMPLIFIER

ENGLISH

FRANÇAIS

ESPAÑOL

Quick Start Guide

Guide de démarrage rapide / Guía de inicio rápido

Read Me First....

Lisez-moi en premier.... / Lea esto primero....

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 Denon customer service in your area.

1-855-MY.Denon

1-855-693-3666

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 www.usa.denon.com/FAQ

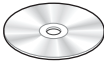
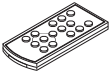
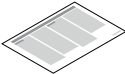
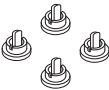
For US and Canada only

Welcome

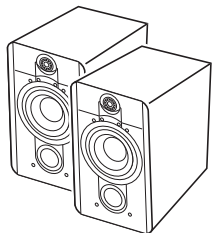
Thank you for choosing a Denon amplifier. This guide provides step-by-step instructions for setting up your amplifier.

Before You Begin

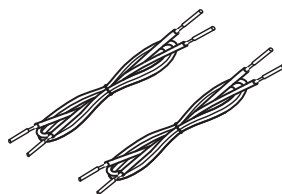
What's In the Box

Quick Start Guide		Integrated Amplifier	
Owner's Manual		Power cord	
Safety Instructions		Remote control unit	
Notes on radio		Caps (silver)	
Warranty (for North America model only)		USB cable	

Required for Basic connections

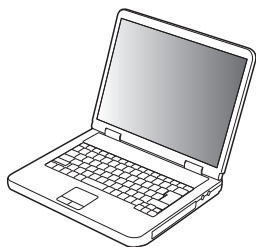


Speaker systems



Speaker cables

Optional



Computer



Bluetooth device



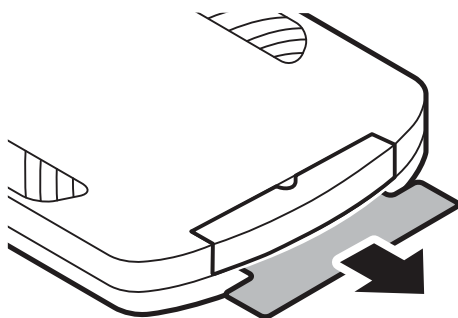
These drawings are for illustrative purposes only and may not represent the actual product(s).

Setup

There are seven steps to the setup process.

- 1** Before using the remote control unit
- 2** Placing this unit
- 3** Installing the driver software onto your PC (Windows OS only)
- 4** Connecting the speakers to the amplifier
- 5** Plug the power cord into a power outlet
- 6** Enjoying music using PC or Mac
- 7** Enjoying music using Bluetooth

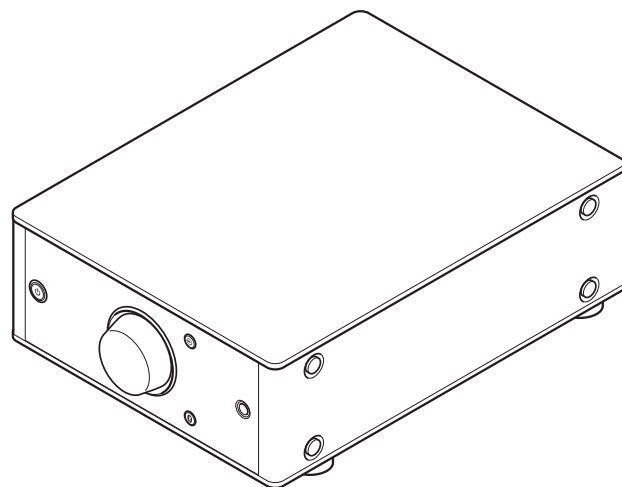
1 Before using the remote control unit



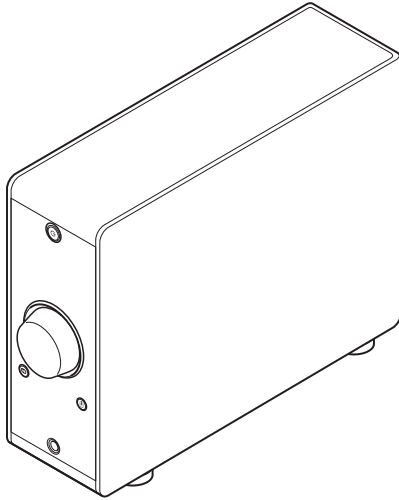
2 Placing this unit

☐ **Horizontal placement**

The feet are initially attached to the unit for horizontal installation.

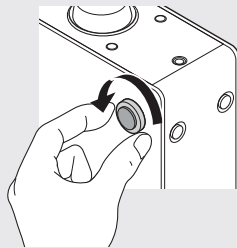


❑ Vertical placement

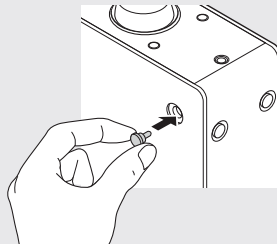


1 Remove the feet.

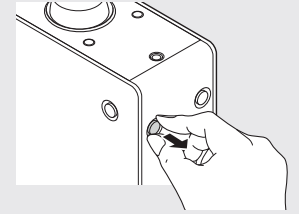
- Rotate each of the 4 feet counter-clockwise to remove.



2 Insert the supplied caps (silver) into the holes from which the feet were removed.



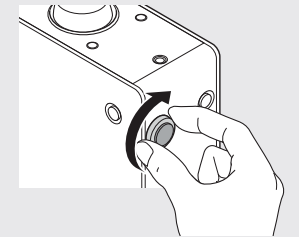
3 Remove the cap (black).



NOTE

Be careful not to damage your nails when removing the caps. If necessary, use a thin-tipped tool to remove the caps. However, be careful not to damage the unit when using tools.

4 Rotate the removed feet clockwise to attach them.



3 Installing the driver software onto your PC (Windows OS only)

- 1 Download the dedicated driver from the “Download” section of the PMA-50 page of the Denon website (<http://www.denon.com/pages/home.aspx>) onto your PC.
- 2 Unzip the downloaded file.
- 3 Select the 32 bit or 64 bit exe file that matches your Windows operating system, and double-click the file.

4 Install the driver.

- ① Select the language to use for the installation.
- ② Click “OK”.



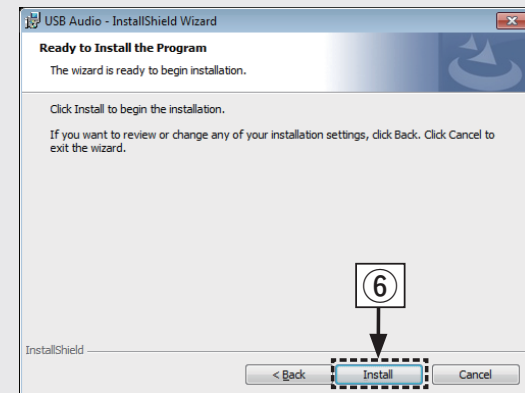
- ③ The wizard menu is displayed. Click “Next”.



- ④ Read the Software Licensing Agreement, and click "I accept the terms in the license agreement".
- ⑤ Click "Next".



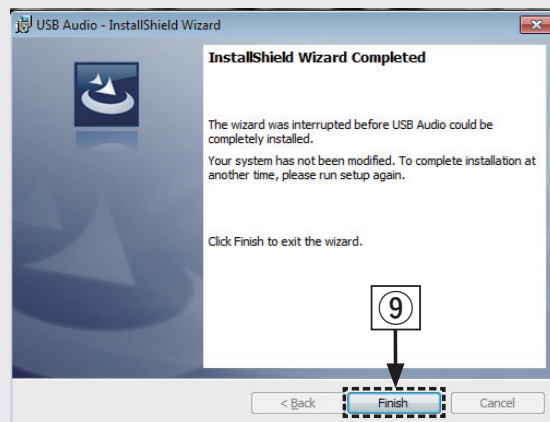
- ⑥ Click "Install" on the installation start dialog.
 - The installation starts. Do not perform any operation on the PC until the installation is completed.



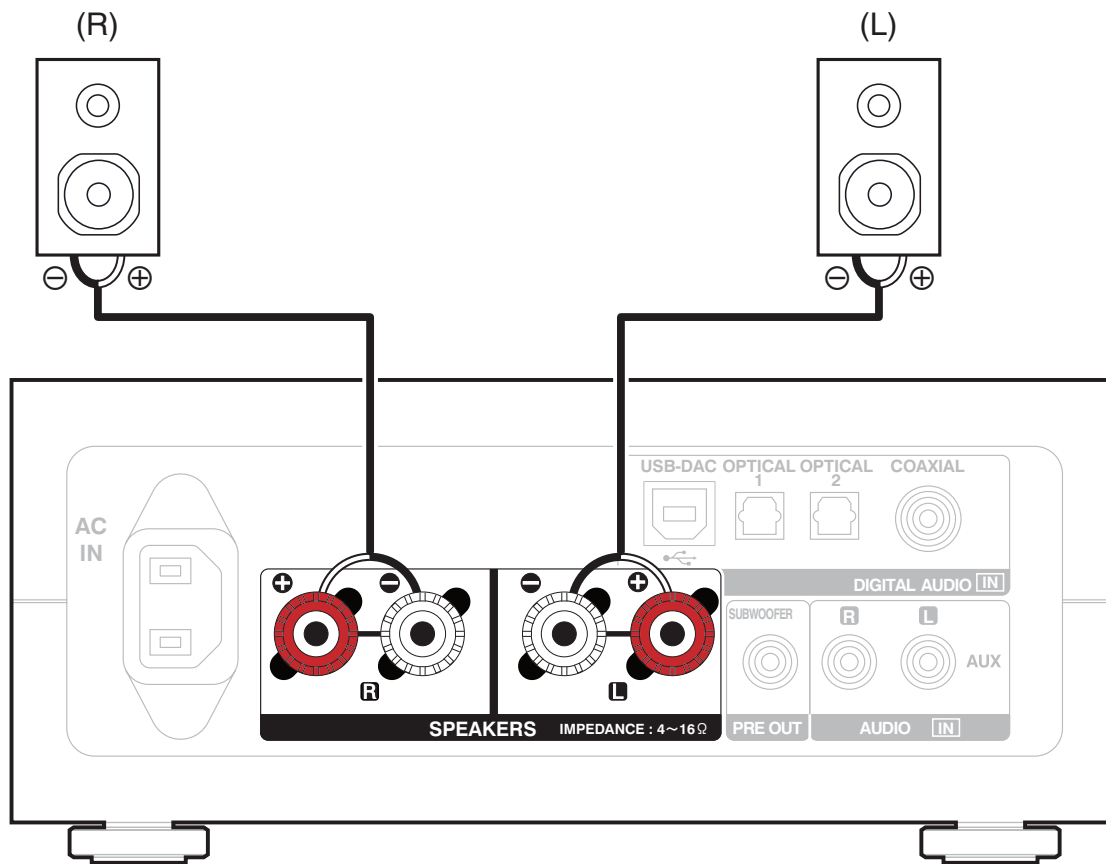
- ⑦ In the Windows security dialog, select "Always trust software from DandM Holdings Inc."
- ⑧ Click "Install".



- ⑨ When the installation is completed, click "Finish".

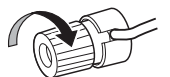
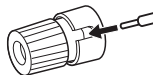
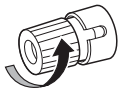


4 Connecting the speakers to the amplifier

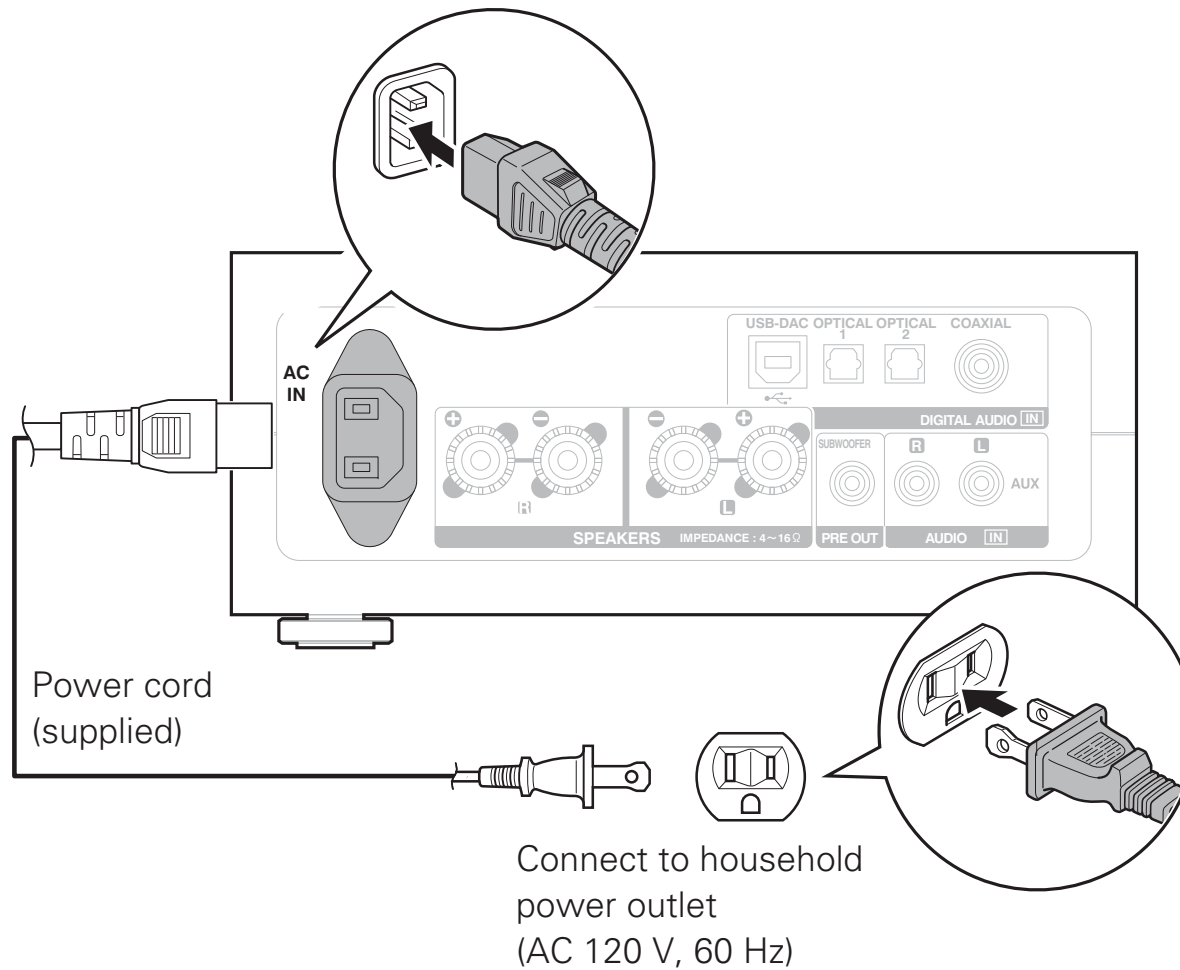


Connecting the speaker cables

- 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.



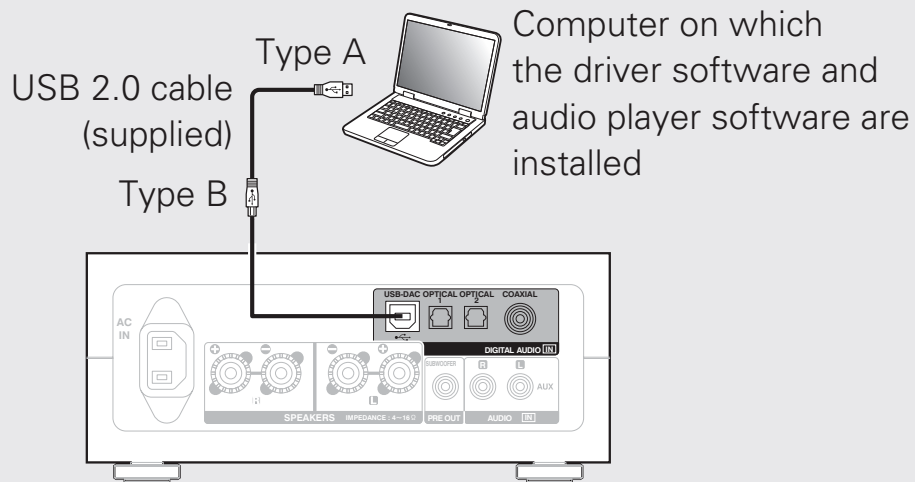
5 Plug the power cord into a power outlet



6 Enjoying music using PC or Mac

❑ Connect to PC or Mac

1 Connect to PC or Mac.

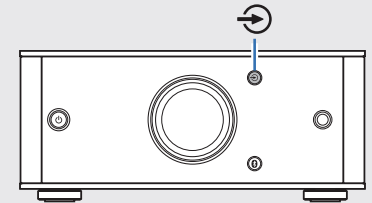


2 Press on this unit.

- When the unit power is turned on, the computer automatically finds and connects to the unit.

❑ Listen to PC or Mac Audio

1 Press to change the input source to “USB-DAC”.

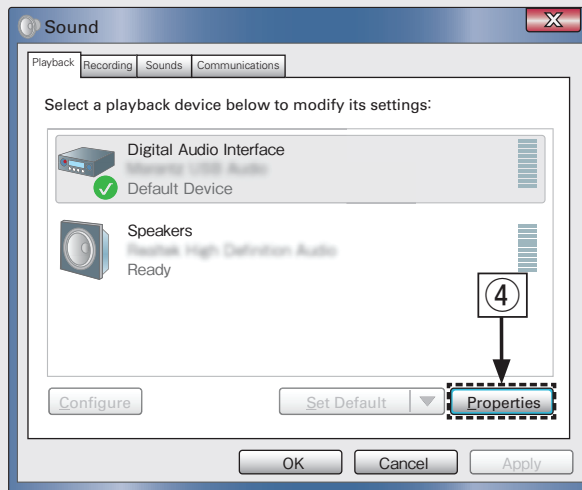


2 Set the audio signal destination to this unit on the computer.

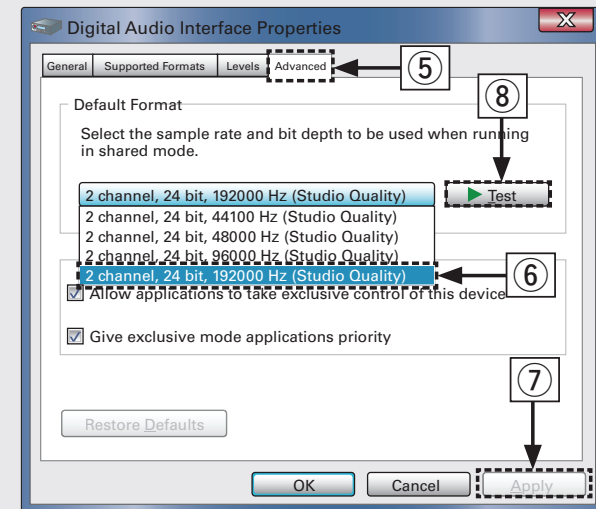
[Windows OS]

- ① Click the “Start” button and click “Control Panel” on the PC.
 - The control panel setting list is displayed.
- ② Click the “Sound” icon.
 - The sound menu window is displayed.

- ③ Check that there is a checkmark next to “Default Device” under in “Digital Audio Interface” of the “Playback” tab.
 - When there is a checkmark for a different device, click “Denon USB Audio” and “Set Default”.
- ④ Select “Digital Audio Interface” and click “Properties”.
 - The Digital Audio Interface Properties window is displayed.

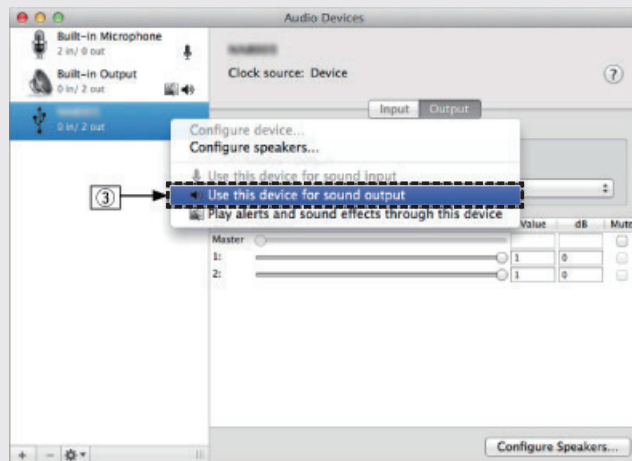


- ⑤ Click the “Advanced” tab.
- ⑥ Select the sampling rate and bit rate to be applied to the D/A converter.
 - It is recommended that “2 channel, 24 bit, 192000 Hz (Studio Quality)” is selected.
- ⑦ Click “Apply”.
- ⑧ Click “Test”.
 - Check that audio from this unit is output from the PC.

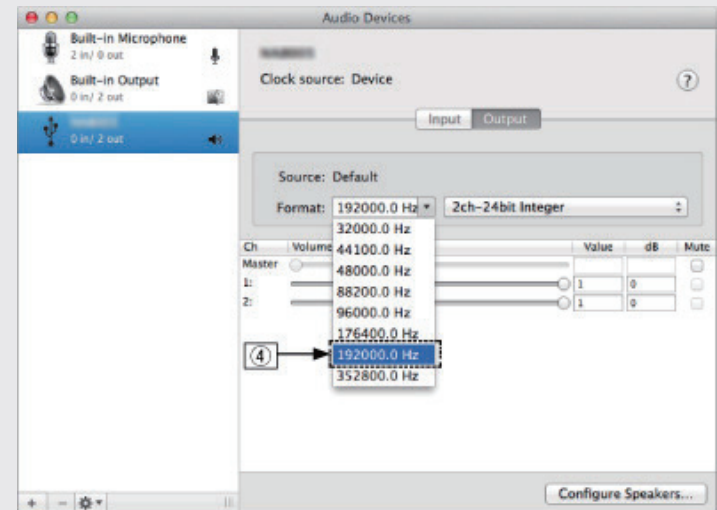


[Mac OS X]

- ① Move the cursor to "Go" on the computer screen, and then click "Utilities".
 - The utility list is displayed.
- ② Double-click "Audio MIDI Setup".
 - The "Audio Devices" window is displayed.
- ③ Check that "Use this device for sound output" is checked in "PMA-50".
 - If a different device is checked, select and "Secondary click" on "PMA-50", and then select "Use this device for sound output".



- ④ Select the "PMA-50" format.
 - It is normally recommended to set the format to "192000.0 Hz" and "2ch-24 bit Interger".



- ⑤ Quit Audio MIDI Setup.

3

Play back a music file with music playback software such as Windows Media Player, iTunes, foobar2000, Audirvana Plus and JRiver Media Center.

PCM
192kHz
USB-DAC

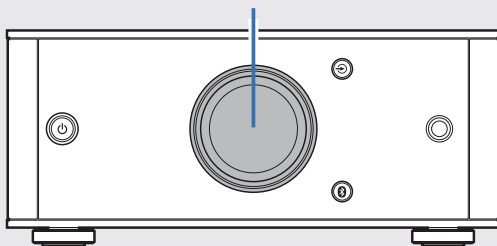
The type of music file and sampling frequency are displayed.

4

Adjust the volume.

- The volume level appears on the display.

Volume control knob



NOTE

- Adjust the volume to an appropriate level on the computer.
- Further settings might be required in your dedicated media player software such as JRiver to enable high resolution audio playback. Please refer to the owner's manual of the software.

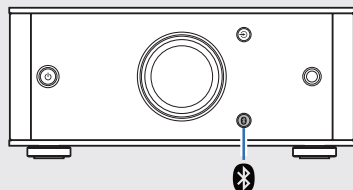


Please refer to the owner's manual about the required specifications of suiting computer.

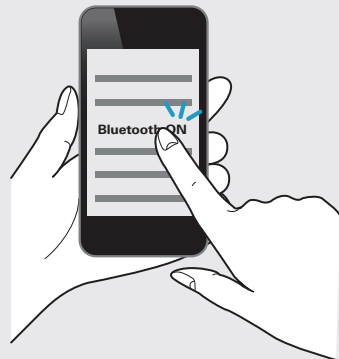
7 Enjoying music using Bluetooth

1 Press  for 3 seconds or longer.

- “Pairing” appears on the display of the unit.

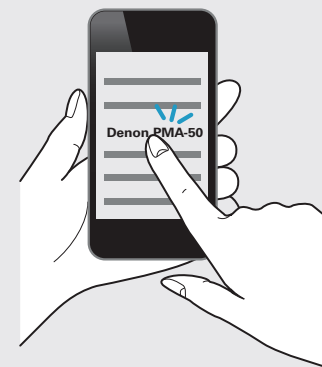


2 Activate the Bluetooth settings and search mode on your device.



3 Select “Denon PMA-50” from the Bluetooth device list on your device.

- “At the end of the pairing, the device name appears on the display of this unit.”



4 Play music using any app on your device.



- Pair and connect your NFC capable device by gently touching it on the NFC logo (.
- Enter “0000” when the password is requested on the screen of the Bluetooth device.

Owner's Manual

Please reference to the Owner's Manual for more details about the setup and operation of the amplifier and its features.

❑ Online Version

Enter the following URL into your web browser:
manuals.denon.com/PMA50/NA/EN/



Online Manual

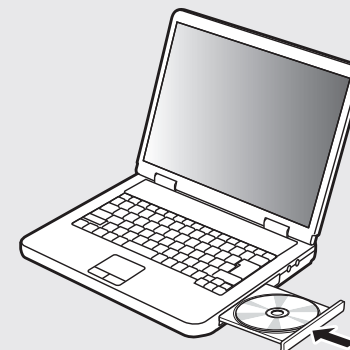


❑ Printable Version

Access the print version of the owner's manual from the included CD-ROM or select the "PDF Download" link from the Online Version.

1

Insert the disc into your PC.



2

Follow the screen or double click on the PDF file.

DENON®
www.denon.com

D&M Holdings Inc.
Printed in China 5411 11248 00AD

DENON[®]

INTEGRATED AMPLIFIER

PMA-50

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.

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[Connections](#)
[Playback](#)
[Setting procedure](#)
[Tips](#)
[Appendix](#)

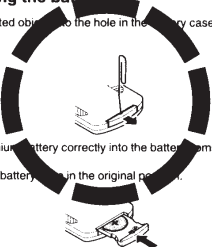
Before using the remote control unit

The remote control unit has a built-in lithium battery. Pull out the insulation sheet before use.



■ Replacing the battery

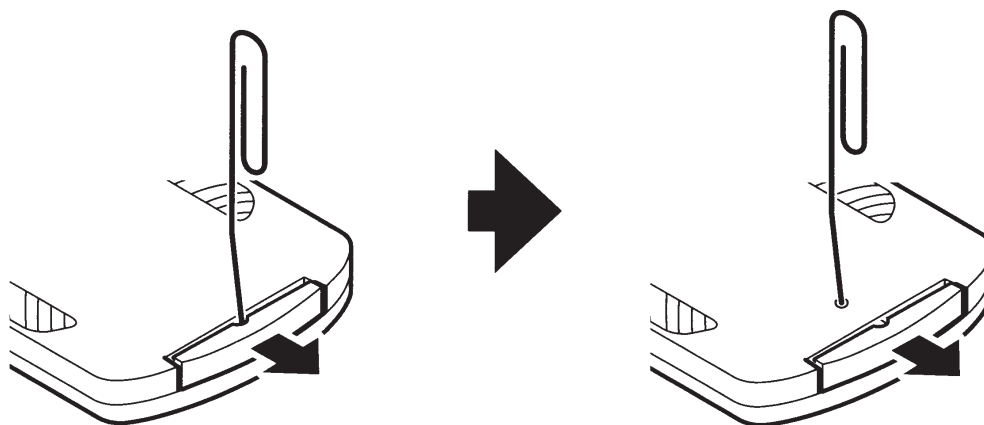
1. Insert a pointed object into the hole in the battery case and pull out the battery tray.
2. Insert the lithium battery correctly into the battery compartment as indicated.
3. Replace the battery cover in the original position.



NOTE

- When inserting the lithium battery, be sure to do so in the proper direction, following the  and  marks in the battery compartment.
- If the battery should have a leakage, immediately replace and dispose of the battery. In this case, there is a risk of burn when the liquid comes in contact with skins or clothes, so a great care should be taken. If the liquid accidentally comes in contact, wash with tap water and consult a doctor.
- Remove the battery from the remote control unit if it will not be in use for long periods.

[Front panel](#)
[Display](#)
[Rear panel](#)
15
[Remote](#)
[Index](#)

Notes on radio

DENON

USA CANADA

☐ FCC Information (For US customers)

1. 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 Denon may void your authority, granted by the FCC, to use the product.

2. CAUTION

- 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.

3. COMPLIANCE INFORMATION

- **Product Name:**
Integrated Amplifier
- **Model Number:**
PMA-50
- **FCC ID:**
BV2PMA50

Denon Electronics (USA), LLC
(a D&M Holdings Company)
100 Corporate Drive
Mahwah, NJ 07430-2041
Tel. (201) 762-6665

4. 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.

☐ IC Information (For Canadian customers)

1. PRODUCT

IC: 10369A-PMA50

This product complies with RSS-210 of Industry Canada. 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. This Class B digital apparatus complies with Canadian ICES-003.

2. CAUTION

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

☐ Informations sur IC (pour les clients canadiens)

1. APPAREIL

IC: 10369A-PMA50

Cet appareil est conforme à la norme CNR-210 du Canada. L'utilisation de ce dispositif est autorisée seulement aux deux conditions suivantes : (1) il ne doit pas produire de brouillage, et (2) l'utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

2. ATTENTION

Afin de réduire le risque d'interférence aux autres utilisateurs, il faut choisir le type d'antenne et son gain de façon à ce que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne soit pas supérieure au niveau requis pour l'obtention d'une communication satisfaisante.

For Canadian customers: CAN ICES-3 (B)/NMB-3 (B)

☐ RF Exposure Information

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that are deemed to comply without testing of specific absorption ratio (SAR).

Cet équipement est conforme aux normes d'exposition aux radiations FCC/IC définies pour un environnement non contrôlé et satisfait les directives d'exposition à la radiofréquence (RF) dans le supplément C des OET65 et RSS-102 des règles d'exposition à la fréquence radio (RF) IC. Cet équipement a de très faibles niveaux d'énergie RF qui sont jugés conformes sans test de taux d'absorption spécifique (SAR).

EU

[ENGLISH]

1. DECLARATION OF CONFORMITY

Our products following the provisions of EC/EU directives, that as follows; R&TTE Directive 1999/5/EC

2. IMPORTANT NOTICE: DO NOT MODIFY THIS PRODUCT

This product, when installed as indicated in the instructions contained in this manual, meets R&TTE directive requirements. Modification of the product could result in hazardous Radio and EMC radiation.

3. CAUTION

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.

[DEUTSCH]

1. ÜBEREINSTIMMUNGSERKLÄRUNG

Unsere Produkte unterliegen den Bestimmungen der folgenden EG/EU-Richtlinien: R&TTE Directive 1999/5/EC

2. WICHTIGER HINWEIS: NEHMEN SIE KEINE VERÄNDERUNGEN AN DIESEM PRODUKT VOR

Wenn dieses Produkt entsprechend dieser Bedienungsanleitung aufgebaut wird, entspricht es den Anforderungen der R&TTE-Richtlinie. Veränderungen am Produkt können zu gefährlicher Funk- und EMV-Strahlung führen.

3. VORSICHT

Zwischen dieses Produkts und Personen muss ein Schutzabstand von 20 cm eingehalten werden.

Dieses Produkt und seine Antenne dürfen nicht neben anderen Antennen oder Sendern aufgestellt oder zusammen mit ihnen verwendet werden.

[FRANÇAIS]

1. DECLARATION DE CONFORMITE

Nos produits sont conformes aux dispositions des directives CE/UE comme suit; R&TTE Directive 1999/5/EC

2. MISE EN GARDE IMPORTANTE: NE JAMAIS MODIFIER CE PRODUIT

Si toutes les consignes indiquées dans ce mode ont été respectées pendant son installation, ce produit est conforme aux directives R&TTE. Toute modification du produit risquerait alors de générer des radiations radio et EMC dangereuses.

3. ATTENTION

L'appareil devra être située à une distance de 20 cm au moins des personnes. Ce produit ainsi que son antenne ne devront en aucun cas être utilisés à proximité d'une autre antenne ou transmetteur.

[ITALIANO]

1. DICHIARAZIONE DI CONFORMITÀ

I nostri prodotti sono conformi a quanto previsto dalle direttive EC/EU, come specificato di seguito: R&TTE Directive 1999/5/EC

2. AVVERTENZA IMPORTANTE: NON MODIFICARE QUESTO PRODOTTO

Se installato come indicato nelle istruzioni del presente manuale, questo prodotto soddisfa i requisiti della direttiva R&TTE. Eventuali modifiche apportate al prodotto potrebbero causare pericolose radiazioni radio ed EMC.

3. ATTENZIONE

È necessario mantenere una distanza minima di 20 cm tra questo prodotto e le persone.

Questo prodotto e la relativa antenna non devono essere posizionati in prossimità di altre antenne o trasmettitori e non devono essere utilizzati congiuntamente a questi ultimi.

€ 2200

[ESPAÑOL]

1. DECLARACIÓN DE CONFORMIDAD

Nuestros productos cumplen las disposiciones de las directivas de la CE/UE siguientes: R&TTE Directive 1999/5/EC

2. NOTA IMPORTANTE: NO MODIFIQUE ESTE PRODUCTO

Este producto, si es instalado de acuerdo con las instrucciones contenidas en este manual, cumple los requisitos de la directiva R&TTE. La modificación del producto puede producir radiación de Radio y EMC peligrosa.

3. PRECAUCIÓN

Se debe mantener una separación de al menos 20 cm del producto y las personas.

Este producto y su antena no debe instalarse ni utilizarse conjuntamente con otra antena o transmisor.

[NEDERLANDS]

1. EENVORMIGHEIDSVERKLARING

Onze producten volgen de voorwaarden van de EG/EU-richtlijnen zoals volgt; R&TTE Directive 1999/5/EC

2. BELANGRIJKE MEDEDELING: BRENG AAN DIT PRODUCT GEEN AANPASSINGEN AAN

Dit product, indien geïnstalleerd volgens de aanwijzingen in deze gebruiksaanwijzing, voldoet aan de vereisten van de R&TTE-richtlijn. Aanpassing van dit product kan gevaarlijke radio- en EMC-straling tot gevolg hebben.

3. LET OP

Houd tussen en personen altijd een afstand van tenminste 20 cm aan. Dit product en zijn antenne mogen niet in de buurt van een andere antenne of zender worden geplaatst of in combinatie daarmee worden gebruikt.

[SVENSKA]

1. ÖVERENSSTÄMMELSESINTYG

Våra produkter uppfyller följande föreskrifter i EC/EU-direktiv:

R&TTE Directive 1999/5/EC

2. VIKTIGT: APPARATEN FÅR INTE MODIFIERAS

Under förutsättning att apparaten installeras enligt anvisningarna i denna bruksanvisning, uppfyller denna kraven i R&TTE-direktivet. Ev. modifiering av apparaten kan resultera i farlig radio- och elektromagnetisk strålning.

3. FÖRSIKTIGT

Se till att det finns ett avstånd på minst 20 cm mellan apparatens och personer i omgivningen.

Apparaten och dess antenn får inte placeras eller användas i närheten av andra antenner eller sändare.

[РУССКИЙ]

1. СЕРТИФИКАТ СООТВЕТСТВИЯ

Наши продукты соответствуют следующим положениями директивы ЕЭС/ЕС: R&TTE Directive 1999/5/EC

2. ВАЖНО! НЕ ИЗМЕНЯЙТЕ ДАННЫЙ ПРОДУКТ

Продукт, установленный согласно инструкциям в настоящем руководстве, отвечает требованиям директивы R&TTE. Изменение продукта может привести к появлению опасного электромагнитного излучения.

3. ПРЕДУПРЕЖДЕНИЕ

Не приближайтесь к данному изделию ближе, чем на 20 см.

Запрещается использовать данный продукт и антенну с другой антенной или передатчиком.

[POLSKI]

1. DEKLARACJA ZGODNOŚCI

Nasze produkty zgodnie z postanowieniami KE/UE, tj.

R&TTE Directive 1999/5/EC

2. UWAGA: MODYFIKACJA TEGO URZĄDZENIA JEST ZABRONIONA

Po zainstalowaniu zgodnie z instrukcjami zawartymi w niniejszej instrukcji obsługi urządzenie to będzie spełniać wymogi dyrektywy R&TTE. Wprowadzanie modyfikacji do tego urządzenia może skutkować powstaniem niebezpiecznego promieniowania elektromagnetycznego oraz radiowego.

3. OSTRZEŻENIE

Między tego produktu i wszelkimi osobami musi być zachowana odległość przynajmniej 20 cm.

Urządzenia wraz z anteną nie można instalować w połączeniu z inną anteną lub nadajnikiem.

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

DENON

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.

Denon Electronics (USA), LLC (a D&M Holdings Company)
100 Corporate Drive, Mahwah, NJ 07430-2041
Tel. (201) 762-6665

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 Denon 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. • Do not bend forcibly the plug on the equipment for the connection between the connector and micro USB/USB cable.	• 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. • Ne pliez pas la fiche sur l'appareil en forçant pour connecter la borne au câble micro USB/USB.	• 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. • No doble a la fuerza la clavija del equipo para la conexión entre el conector y el cable micro USB/USB.	• 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. • Não dobre forçadamente 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.

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 RADIACÃO 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 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 INGRIR 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 Denon 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 Denon.
- 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 Denon 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 cuisinier 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 Denon.
- 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 Denon 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 Denon.
- 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 funcionamiento 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.

Precações 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 objectos afiados (um prego, etc.), bater-lhe com um martelo ou pisá-la. 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 Denon 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 anormalidades, tal como decoloração.
- 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 isqueiros de um automóvel.
 - Respeite rigorosamente o procedimento de recarga e as condições especificadas pela Denon.
- 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 metulosamente 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.

DENON

www.denon.com



Congratulations on purchasing this Denon product!
We invite you to join the Denon Owner's Club.

Thank you for choosing Denon.

Be the first to know about upcoming Denon products and get exclusive previews of new technologies. You will also receive members only offers from our online store and be the first in line for all promotions and contests.

<http://usa.denon.com/us/MyAccount/Pages/Login.aspx>

Join today!

Please register your product at,

USA Customers : <http://usa.denon.com/us/Support/Pages/ProductRegistration.aspx>

Canada Customers : <http://ca.denon.com/CA/Support/Pages/ProductRegistration.aspx>

Denon Factory Service Information

USA

DENON FACTORY SERVICE by PANURGY OEM

701 Ford Road (South Dock)

Rockaway, NJ 07866-2053

(973) 625-4056

(973) 625-9489 Fax

<http://www.panurgoem.com/Denon/Denonrepair.html>

To locate an authorized warranty service center within your area please visit our web site at
<http://usa.denon.com/us/Support/Pages/ServiceCenterSearch.aspx>

CANADA

DENON FACTORY SERVICE by MICROLAND TECHNICAL SERVICES

170 Alden Road, Unit 2

Markham, ON L3R4C1

(905) 940-1982

<http://clientportal.microland.ca/rmastart.aspx>

To locate an authorized warranty service center within your area please visit our web site at
<http://ca.denon.com/CA/Support/Pages/ServiceCenterSearch.aspx>

This warranty will be honored only in the **U.S.A.**

DENON®

LIMITED WARRANTY

Length of Non-Transferable Warranty

This warranty on your DENON product which is distributed and warranted by DENON ELECTRONICS (USA), LLC remains in effect for the following periods from the date of the original consumer purchase from an AUTHORIZED DENON ELECTRONICS (USA), LLC DEALER.

Product Category

A/V Controller, A/V Receiver, AM/FM Receiver	AVC, AVR, DRA	2	YEAR(S)
IN-Command series™ AV Receivers, Sound bar	AVR-****CI, AVR-X****, DHT-S****	3	
DVD Receiver, DVD Home Theater System	ADV, S	1	
D/A Converter, Portable USB-DAC / Headphone Amplifier	DA	2	
Pre-Amplifier, Digital Pre-Amplifier, Power-Amplifier, Head Amplifier	PRA, AVP, DAP, POA, HA	3	
Tuner, Integrated Amplifier	TU, PMA	3	
Option Board	ACD	3	
CD Player, DVD Player, Blu-ray Disc Player	DCD, DCM, DVD, DVM, DBP, DBT	1	
CD Recorder	CDRW	1	
CD Receiver, Network CD Receiver, Network Receiver	RCD, DRA-N	1	
Network Audio Player	DNP	2	
System Audio	D-F, D-M, S	1	
Turntable	1 Autolift / Manual	4	
	2 Full Automatic	2	
Speaker	SC	5	
Sub-woofer	DSW	1	
Microphone	DM-S, DM-A	2	
Bluetooth Speaker	DSB	1	
iPhone® / iPod® Docks	ASD, DSD	1	
Headphone	AH	1	
Front Surround Home Theater System	DHT-FS	1	
TV Speaker Base	DHT-T****	1	
Video Processor	DVP	3	DAYS
Cartridge	DL	90	
Remote Controller	RC	90	
Cables	AK	90	
Speaker stands	ASF	90	

iPod is a trademark of Apple Inc., registered in the U.S. and other countries.

What is Covered

Except as specified below, this Warranty covers all defects in material and workmanship in this product occurring during the above warranty periods. The following are not covered by the Warranty: (1) Any product which is not distributed in the U.S.A. by DENON ELECTRONICS (USA), LLC. (2) Any product which is not purchased in the U.S.A. from an authorized DENON dealer. (Note: AUTHORIZED DENON DEALERS can be identified by DENON AUTHORIZED DEALER sticker displayed in the stores. If you are uncertain as to whether a dealer is a DENON AUTHORIZED DEALER, please contact DENON as listed below). (3) Any product on which the serial number has been defaced, modified or removed. (4) Damaged deterioration or malfunction resulting from: a) Accident, act of nature, abuse, misuse, neglect, unauthorized product repair, opening of or modification or failure to follow instructions supplied with the product. b) Repair or attempted repair by anyone not authorized by DENON. c) Any shipment of the product (claim must be presented to carrier). (5) Items subject to wear from normal usage (tape heads, cartridges, stylus, battery, etc.). (6) Periodic check-ups which do not disclose any defect. (7) Use of the product outside the U.S.A. (8) Damaged magnetic tape or CD/DVD/BD discs. (9) Use in industrial, commercial, and/or professional applications. (10) Any installation or removal charges resulting from product failure.

What We Will Pay For

If during the applicable warranty period from the date of original consumer purchase your DENON product is found to be defective by DENON, DENON will repair, or at its option, replace with new, reconditioned or equivalent model, such defective product without charge for parts or labor.

How to Obtain Warranty Performance

If your unit ever needs service, it may be taken or shipped to any authorized DENON service station or DENON ELECTRONICS (if you are uncertain as to whether a service station is DENON authorized, please visit our website at <http://usa.denon.com/us/Support/Pages/ServiceCenterSearch.aspx> or contact DENON as listed below.) In all other cases, the following procedures apply whenever your unit must be transported for warranty service;

- You are responsible for transporting your unit or arranging for its transportation.
- If shipment of your unit is required;
You must pay the initial shipping charges, but we will pay the return shipping charges if the repairs are covered by the Warranty.
- WHEN RETURNING YOUR UNIT FOR WARRANTY SERVICE, A COPY OF THE ORIGINAL SALES SLIP MUST BE ATTACHED.**
- You should include the following: your name, address, daytime telephone number, model and serial number of the product and a description of the problem.
In the case of a CD/DVD/BD Player, please enclose ONE (1) disc that the unit has failed with for test reasons. It will be returned with the unit.

THIS WARRANTY IS VALID IN THE U.S.A. ONLY.

If your product does not require service, but you have questions regarding its operation, please contact our Customer Support Department as listed below.

THIS WARRANTY IS EXPRESSLY MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

OUR LIABILITY IS LIMITED TO THE REPAIR OR REPLACEMENT, AT OUR OPTION, OF ANY DEFECTIVE PRODUCT AND SHALL IN NO EVENT INCLUDE INCIDENTAL OR CONSEQUENTIAL COMMERCIAL OR PROPERTY DAMAGES OF ANY KIND. WE ARE NOT RESPONSIBLE FOR PRODUCTS LOST, STOLEN AND/OR DAMAGED DURING SHIPPING.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND/OR DO 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 state to state. This Warranty may not be altered other than in a writing signed by an officer of Denon Electronics USA, LLC.

DENON ELECTRONICS (USA), LLC
(a D&M Holdings Company)
100 Corporate Drive
Mahwah, NJ 07430-2041
(201) 762-6665
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DENON FACTORY SERVICE by PANURGY OEM
701 Ford Road (South Dock)
Rockaway, NJ 07866-2053
(973) 625-4056
(973) 625-9489 Fax
<http://www.panurgoem.com/Denon/Denonrepair.html>

This warranty will be honored only in **Canada**.

DENON®

LIMITED WARRANTY

Length of Non-Transferable Warranty

This warranty on your DENON product which is distributed and warranted by D&M CANADA INC. remains in effect for the following periods from the date of the original consumer purchase from an AUTHORIZED D&M CANADA INC. DEALER.

Product Category

A/V Controller, A/V Receiver, AM/FM Receiver			AVC, AVR, DRA	2	YEAR(S)
IN-Command series™ AV Receivers, Sound bar			AVR-****CI, AVR-X****, DHT-S****	3	
DVD Receiver, DVD Home Theater System			ADV, S	1	
D/A Converter, Portable USB-DAC / Headphone Amplifier			DA	2	
Pre-Amplifier, Digital Pre-Amplifier, Power-Amplifier, Head Amplifier			PRA, AVP, DAP, POA, HA	3	
Tuner, Integrated Amplifier			TU, PMA	3	
Option Board			ACD	3	
CD Player, DVD Player, Blu-ray Disc Player			DCD, DCM, DVD, DVM, DBP, DBT	1	
CD Recorder			CDRW	1	
CD Receiver, Network CD Receiver, Network Receiver			RCD, DRA-N	1	
Network Audio Player			DNP	2	
System Audio			D-F, D-M, S	1	
Turntable	1	Autolift / Manual	DP-L, DP-M	4	
	2	Full Automatic	DP-F, DP-USB	2	
Speaker			SC	5	
Sub-woofer			DSW	1	
Microphone			DM-S, DM-A	2	
Bluetooth Speaker			DSB	1	
iPhone® / iPod® Docks			ASD, DSD	1	
Headphone			AH	1	
Front Surround Home Theater System			DHT-FS	1	
TV Speaker Base			DHT-T****	1	
Video Processor			DVP	3	
Cartridge			DL	90	DAYS
Remote Controller			RC	90	
Cables			AK	90	
Speaker stands			ASF	90	

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What is Covered

Except as specified below, this Warranty covers all defects in material and workmanship in this product occurring during the above warranty periods. The following are not covered by the Warranty: (1) Any product which is not distributed in Canada by D&M CANADA INC. (2) Any product which is not purchased in Canada from an authorized DENON dealer. (Note: AUTHORIZED DENON DEALERS can be identified by DENON AUTHORIZED DEALER sticker displayed in the stores. If you are uncertain as to whether a dealer is a DENON AUTHORIZED DEALER, please contact D&M CANADA INC. as listed below). (3) Any product on which the serial number has been defaced, modified or removed. (4) Damaged deterioration or malfunction resulting from: a) Accident, act of nature, abuse, misuse, neglect, unauthorized product repair, opening of or modification or failure to follow instructions supplied with the product. b) Repair or attempted repair by anyone not authorized by DENON. c) Any shipment of the product (claim must be presented to carrier). (5) Items subject to wear from normal usage (tape heads, cartridges, stylus, battery, etc.). (6) Periodic check-ups which do not disclose any defect. (7) Use of the product outside Canada. (8) Damaged magnetic tape or CD/DVD/BD discs. (9) Use in industrial, commercial, and/or professional applications. (10) Any installation or removal charges resulting from product failure.

What We Will Pay For

If during the applicable warranty period from the date of original consumer purchase your DENON product is found to be defective by DENON, DENON will repair, or at its option, replace with new, reconditioned or equivalent model, such defective product without charge for parts or labor.

How to Obtain Warranty Performance

If your unit ever needs service, it may be taken or shipped to any authorized DENON service station or D&M CANADA INC. (For an authorized DENON service station near you, please check our website <http://ca.denon.com/CA/Support/Pages/ServiceCenterSearch.aspx> or contact D&M CANADA INC. as listed below.) In all other cases, the following procedures apply whenever your unit must be transported for warranty service;

- You are responsible for transporting your unit or arranging for its transportation.
- If shipment of your unit is required;
You must pay the initial shipping charges, but we will pay the return shipping charges if the repairs are covered by the Warranty.
- WHEN RETURNING YOUR UNIT FOR WARRANTY SERVICE, A COPY OF THE ORIGINAL SALES SLIP MUST BE ATTACHED.
- You should include the following: your name, address, daytime telephone number, model and serial number of the product and a description of the problem.
In the case of a CD/DVD/BD Player, please enclose ONE (1) disc that the unit has failed with for test reasons. It will be returned with the unit.

THIS WARRANTY IS VALID IN CANADA ONLY.

If your product does not require service, but you have questions regarding its operation, please contact our Customer Support Department as listed below.

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OUR LIABILITY IS LIMITED TO THE REPAIR OR REPLACEMENT, AT OUR OPTION, OF ANY DEFECTIVE PRODUCT AND SHALL IN NO EVENT INCLUDE INCIDENTAL OR CONSEQUENTIAL COMMERCIAL OR PROPERTY DAMAGES OF ANY KIND. WE ARE NOT RESPONSIBLE FOR PRODUCTS LOST, STOLEN AND/OR DAMAGED DURING SHIPPING.

SOME PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND/OR DO 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. This Warranty may not be altered other than in a writing signed by an officer of D&M Canada Inc.

D&M CANADA INC.

10462 Islington Avenue, Unit 8B
Kleinburg, Ontario L0J 1C0
(905) 475-4085
www.ca.denon.com

DENON FACTORY SERVICE by MICROLAND TECHNICAL SERVICES

170 Alden Road, Unit 2
Markham, ON L3R 4C1
(905) 940-1982
<http://clientportal.microland.ca/rmastart.aspx>

Cette garantie ne sera honorée qu'au **Canada**.

DENON®

GARANTIE LIMITÉE

Durée du garantie non-transférable

La garantie de votre produit DENON, distribué et garanti par D&M CANADA INC. prend effet à partir de la date d'achat du consommateur original auprès d'un revendeur officiel D&M CANADA INC. pendant les périodes suivantes.

Catégorie de produit

Contrôleur A/V, Récepteur A/V, Récepteur AM/FM	AVC, AVR, DRA	2	ANNÉES
IN-Command series™ Récepteurs AV, Barre de son	AVR-****CI, AVR-X****, DHTS****	3	
Récepteur DVD, Système DVD Home Theater	ADV, S	1	
Convertisseur N/A, USB-DAC Portable / Amplificateur casque	DA	2	
Préamplificateur, préamplificateur numérique, Amplificateur de puissance, Préamplificateur phono	PRA, AVP, DAP, POA, HA	3	
Syntoniseur, amplificateur intégré	TU, PMA	3	
Carte optionnelle	ACD	3	
Lecteur CD, Lecteur DVD, Lecteur Disque Blu-ray	DCD, DCM, DVD, DVM, DBP, DBT	1	
Enregistreur CD	CDRW	1	
Ampri-tuner avec Lecteur de CD, Récepteur audio / CD avec réseau intégré / Chaîne audio avec réseau intégré	RCD, DRA-N	1	
Lecteur Audio Réseau	DNP	2	
Système Audio	D-F, D-M, S	1	
Table tournante	1 Levée auto	4	
	2 Auto complet	2	
Haut-parleurs	SC	5	
Sub-woofer	DSW	1	
Micro	DM-S, DM-A	2	
Enceinte Bluetooth	DSB	1	
iPhone® / iPod® Docks	ASD, DSD	1	
Casque d'écoute	AH	1	
Avant Surround Système Home Theater	DHT-FS	1	
Base d'enceinte pour TV	DHT-T****	1	
Processeur vidéo	DVP	3	JOURS
Cellule phonoelectrice	DL	90	
Télécommande	RC	90	
Câble	AK	90	
Support pour enceinte acoustique	ASF	90	

Apple et iPod sont des marques commerciales d'Apple Inc., déposées aux Etats-Unis et dans d'autres pays.

Couverture

Cette garantie couvre tous les défauts de matériel ou de fabrication du produit, à l'exception de ceux indiqués ci-après qui conformément selon les termes durant la période de la garantie. Ne sont pas couverts par la garantie: (1) Tout produit qui n'est pas distribué au Canada par D&M CANADA INC. (2) Tout produit qui n'a pas été acheté au Canada auprès d'un revendeur officiel DENON (Note: On peut identifier les revendeurs officiels DENON par leur auto-collant "REVENDEUR OFFICIEL DENON" affiché dans leur magasin. Si vous doutez qu'un revendeur soit officiellement reconnu, contactez D&M CANADA INC. à l'adresse ci-dessous.) (3) Tout produit dont le numéro de série a été effacé, modifié ou enlevé. (4) Dommages dus à la détérioration ou à un fonctionnement défectueux à la suite de: a) accident, acte de la nature, abus, utilisation impropre, négligence, réparation au moyen d'un produit non autorisé, débalé, modification, emploi contraire aux instructions fournies avec le produit, b) réparation ou tentative de réparation par quelqu'un non reconnu par DENON. c) tout envoi du produit (la réclamation doit être présentée au transporteur). (5) Articles sujets à détérioration par l'usage (têtes de magnétophone, cellules phono, pointes de lecture phono, piles, etc.). (6) Vérification périodique qui ne révèle aucun défaut. (7) Utilisation du produit hors du Canada. (8) Bandes magnétiques, disques CD/DVD/BD endommagés. (9) Utilisation commerciale, industrielle ou professionnelle. (10) Toutes charges d'installation ou de déplacement résultant d'un défaut du produit.

Notre paiement

Si votre produit DENON est reconnu défectueux par DENON durant la période d'application de la garantie après la date d'achat du consommateur, DENON réparera ou, à son choix, remplacera avec un modèle neuf, usagé ou équivalent ce produit défectueux sans frais de pièces ni de main d'œuvre.

Application de la garantie

Si votre appareil nécessite une vérification ou une réparation, il peut être apporté ou envoyé à tout atelier de service autorisé DENON ou directement chez D&M CANADA INC. (Pour trouver l'atelier autorisé le plus près, prière de vérifier sur le site Internet de DENON au <http://ca.denon.com/CA/Support/Pages/ServiceCenterSearch.aspx> ou bien contactez D&M Canada Inc aux coordonnées indiquées ci bas).

Dans tous les autres cas, les procédures suivantes s'appliquent si votre appareil doit être envoyé pour une vérification ou une réparation sous garantie.

- Vous êtes responsable du transport de votre article ou vous devez vous arranger vous-même pour son transport.
- Si votre article doit être envoyé, vous devez payer les frais d'envoi initiaux, mais nous payerons les frais de retour si la garantie couvre les réparations.
- LORSQUE VOUS RENVOYEZ VOTRE ARTICLE POUR UN SERVICE SOUS GARANTIE, VOUS DEVEZ JOINDRE UNE COPIE DE LA FACTURE D'ACHAT D'ORIGINE.**
- Vous devez inclure également vos nom, adresse, numéro de téléphone de jour, numéros de modèle et de série du produit et une description du problème.
Dans le cas d'un lecteur CD/DVD/BD, joindre un disque que l'appareil n'a pu lire pour test. Il vous sera retourné avec l'article.

CETTE GARANTIE EST VALABLE SEULEMENT AU CANADA.

Si votre produit ne requiert aucun service mais que vous avez des questions quant à son fonctionnement, contactez notre département service clientèle dont l'adresse figure ci-dessous.

CETTE GARANTIE EST EXPRESSÉMENT FAITE EN LIEU ET PLACE DE TOUTES LES AUTRES GARANTIES EXPRIMÉES OU SOUS-ENTENDUES Y COMPRIS, SANS SE LIMITER À CELLES-CI, LES GARANTIES MARCHANDES ET SPÉCIFIQUES POUR UN USAGE PARTICULIER.

NOTRE RESPONSABILITÉ SE LIMITE À LA RÉPARATION OU AU REMPLACEMENT, À NOTRE CHOIX, DE TOUT PRODUIT DÉFECTUEUX ET N'INCLUT EN AUCUN CAS DES DOMMAGES FORTUITS, COMMERCIAUX INDIRECTS NI MATÉRIELS D'AUCUNE SORTE. NOUS NOUS SOMMES PAS RESPONSABLES POUR LA PERTE DE LES PRODUITS ET/OU LES MARCHANDISES ENDOMMAGÉES PENDANT LE TRNSPORT DES BIENS.

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. LES LIMITATIONS ET EXCLUSIONS MENTIONNÉES PLUS HAUT PEUVENT NE PAS S'APPLIQUER À VOTRE CAS.

Cette garantie vous donne des droits légaux spécifiques, mais il se pourrait que vous ayez d'autres droits qui varient d'une province à l'autre. La garantie ne peut être modifiée que par un document signé par un gestionnaire autorisé de D&M Canada.

D&M CANADA INC.

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