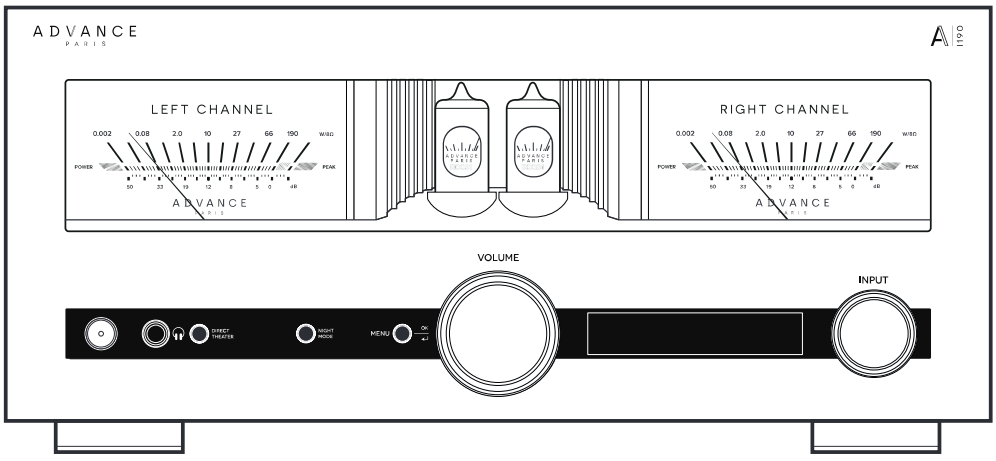
ADVANCE PARIS

A 190

NOVA — HYBRID INTEGRATED AMPLIFIER

USER MANUAL

version 1.2 — October 2026



WWW.ADVANCEPARIS.COM

ENGLISH

User Manual

The Advance Paris team warmly thanks you for choosing an A-i190 NOVA amplifier.

The information in this manual applies to A-i190 NOVA amplifiers updated with the latest version of the internal software (MCU V2.14).

This update is important for the operation of the DSP as well as that of the accessories:

- A-BTC Bluetooth Streamer
- A-NTC Network Streamer
- A-RTR rotary remote control

See “Update”, page 61.

To get the most out of its performance and ensure optimal operation, please read this user manual carefully before using the product for the first time.

Setting up the advanced active room correction and filtering feature (DSP) is described in a separate document (DSP GUIDE), which can be downloaded from the Advance Paris website.

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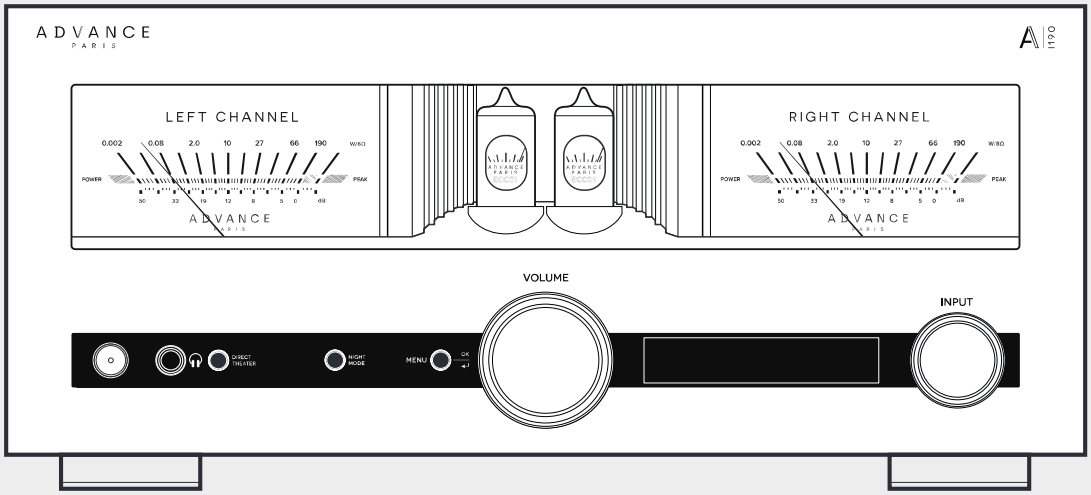
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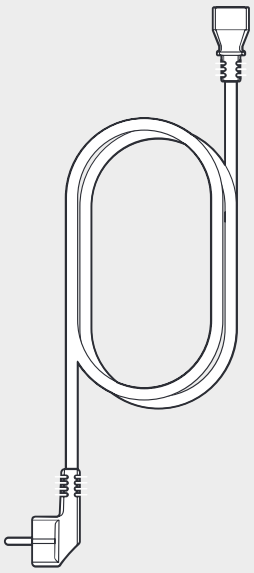
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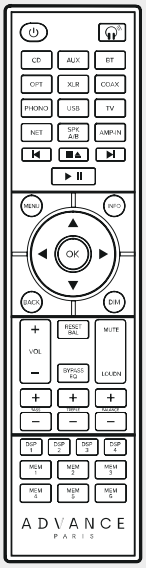
Accessories



A-i190 NOVA

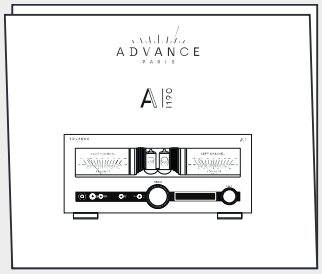


Power cord



Remote control

REM-21



Quickstart



Safety

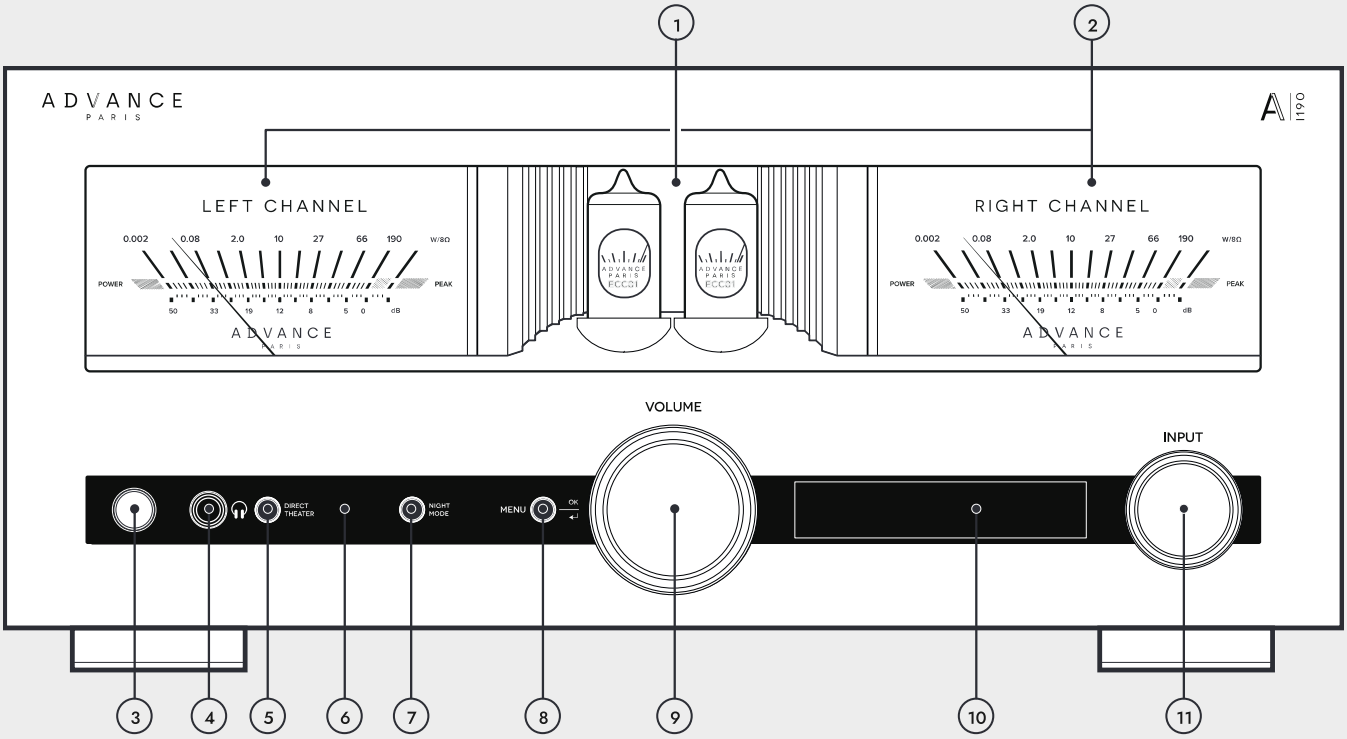
instructions

Description

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Front panel

Always install your hi-fi system with the devices disconnected from the mains.

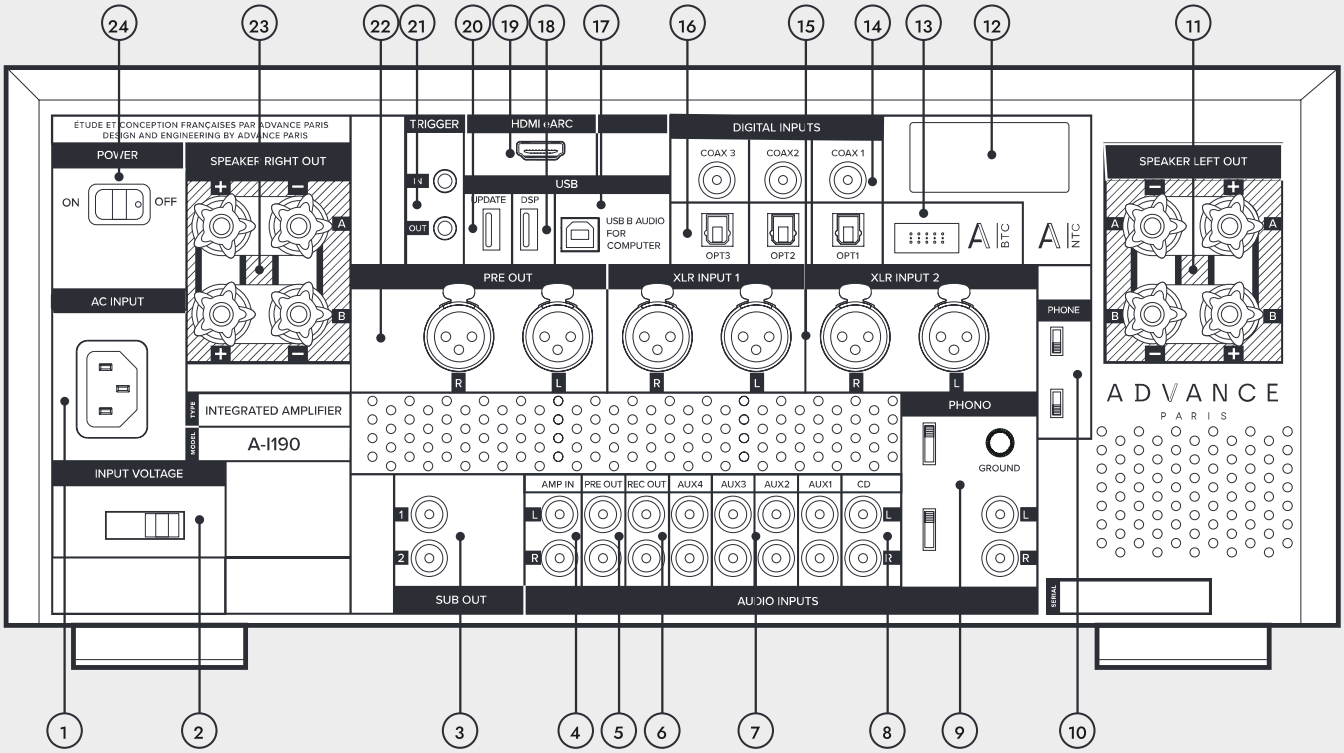


KEY

1	Tubes
2	VU meters
3	Standby button
4	6.35 mm headphone jack
5	DIRECT THEATER button
6	Infrared receiver
7	NIGHT MODE button
8	MENU button
9	Volume knob
10	Display
11	INPUT button

Pressing the MENU button opens the settings menu. Turning the volume knob scrolls through the menus.
A short press on MENU enters a setting; a long press returns to the previous level.

Rear panel



KEY

1 Mains socket

2 Voltage selector (115 - 230 V)

3 Subwoofer outputs (X2)

4 AMP-IN input

5 PRE-OUT RCA output

6 REC-OUT output

7 AUX inputs (X4)

8 CD input

9 Phono MM / MC input and capacitance setting

10 Headphone settings

11 Left speaker Terminal A / Terminal B

12 A-NTC input

13 A-BTC input

14 Coaxial digital input (X3)

15 XLR inputs

16 Optical digital inputs (X3)

17 USB port for computer

18 USB port for the DSP

19 HDMI eARC

20 USB update port

21 Trigger IN-OUT

22 PRE-OUT XLR output

23 Right speaker Terminal A / Terminal B

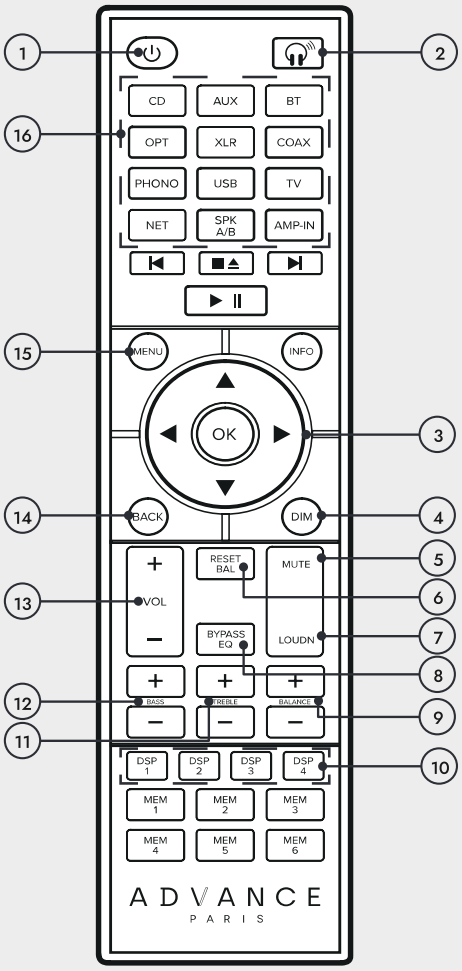
24 Mains switch

Remote control

REM-21

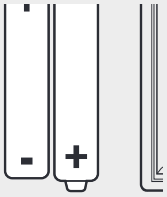
To avoid damaging the remote control or battery leakage:

- Do not mix new and used batteries or different types of batteries
- Remove the batteries if the remote will not be used for a long time
- If a battery leaks, clean the compartment before inserting new ones



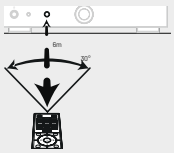
KEY

1	On / Off
2	Audio output to Bluetooth headphones
3	OK = select · Arrows = forward / back
4	Brightness setting
5	Mute
6	Balance reset
7	Loudness
8	EQ bypass
9	Balance setting
10	DSP selection button
11	Treble setting
12	Bass setting
13	Volume setting
14	Back
15	Menu
16	Source selection area



Open the rear compartment and insert 2 AAA batteries*, observing the polarity.

* batteries not included



Approximately 6 m, 30° angle on each side. The IR receiver is located midway between the volume knob and the display.

Connections

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Important

READ BEFORE MAKING ANY CONNECTION

! Check that the operating voltage is correctly set on the rear panel of your amplifier and matches the mains voltage in your country.

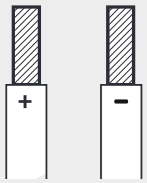
! Please connect all your sources **BEFORE** plugging the amplifier into the mains.

! Connecting sources while your amplifier is switched on can expose your speakers to loud noise and damage your speaker drivers.

Speakers

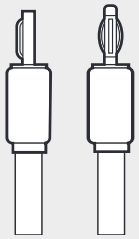
PREPARING THE CABLES

The terminals of your NOVA amplifier accept bare wire, spade connectors and banana plugs.



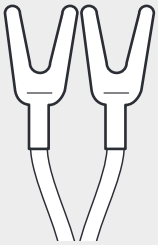
Bare wire

Strip 1 cm of insulation. Unscrew the terminal until the hole through its shaft is visible, insert the conductor, then check that no copper strand touches the adjacent terminal.



Banana plug

Remove the red and black caps from the centre of the terminals, then push the plugs fully in, observing the polarity (red + and black -) and the sides (Left, Right).



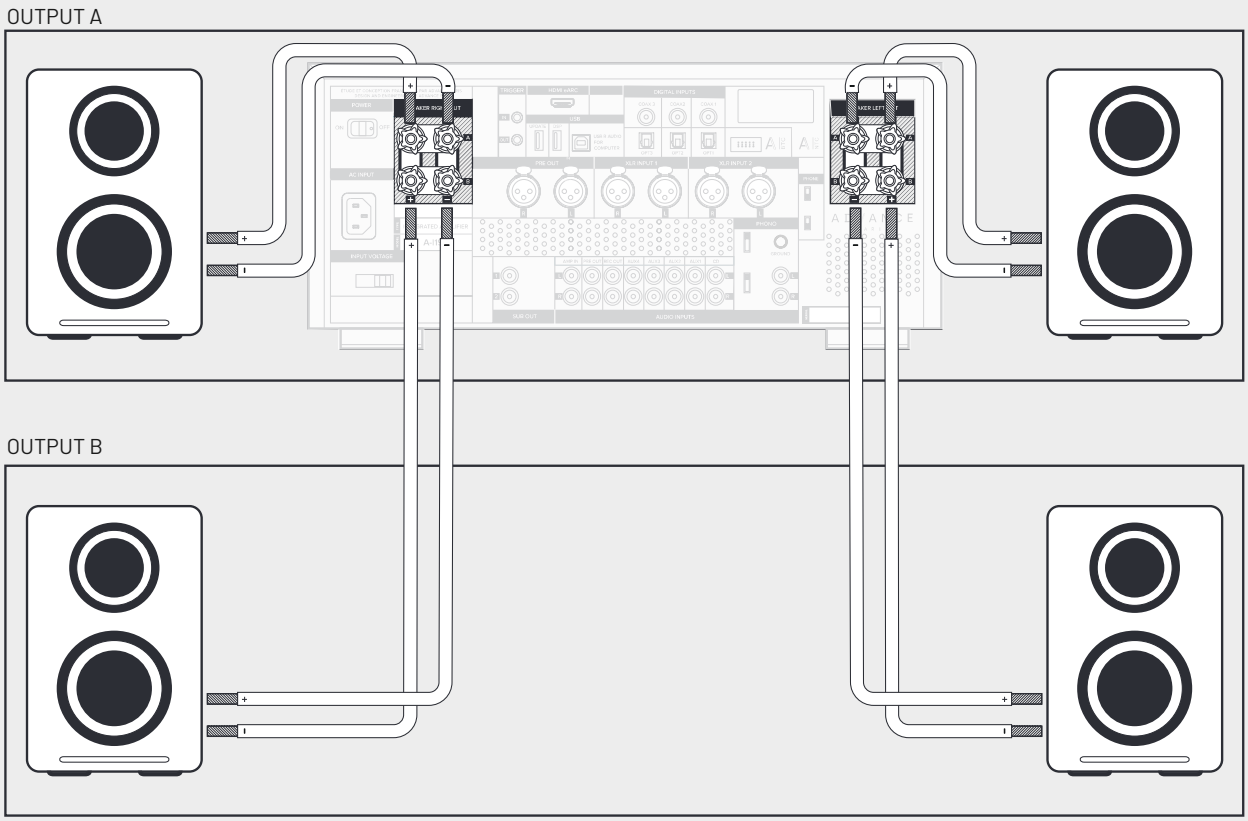
Spade

Loosen the terminal, slide the spade around its shaft, then tighten firmly by hand. Check that the spades do not touch each other.

Speakers

CONNECTING SPEAKERS TO OUTPUT A AND OUTPUT B

Your NOVA amplifier can handle two different zones: Output A and Output B.



These outputs carry the same signal. You can activate output A, output B, or both at the same time.

When using both outputs simultaneously, make sure you connect speakers with an impedance of **at least 8 ohms**.

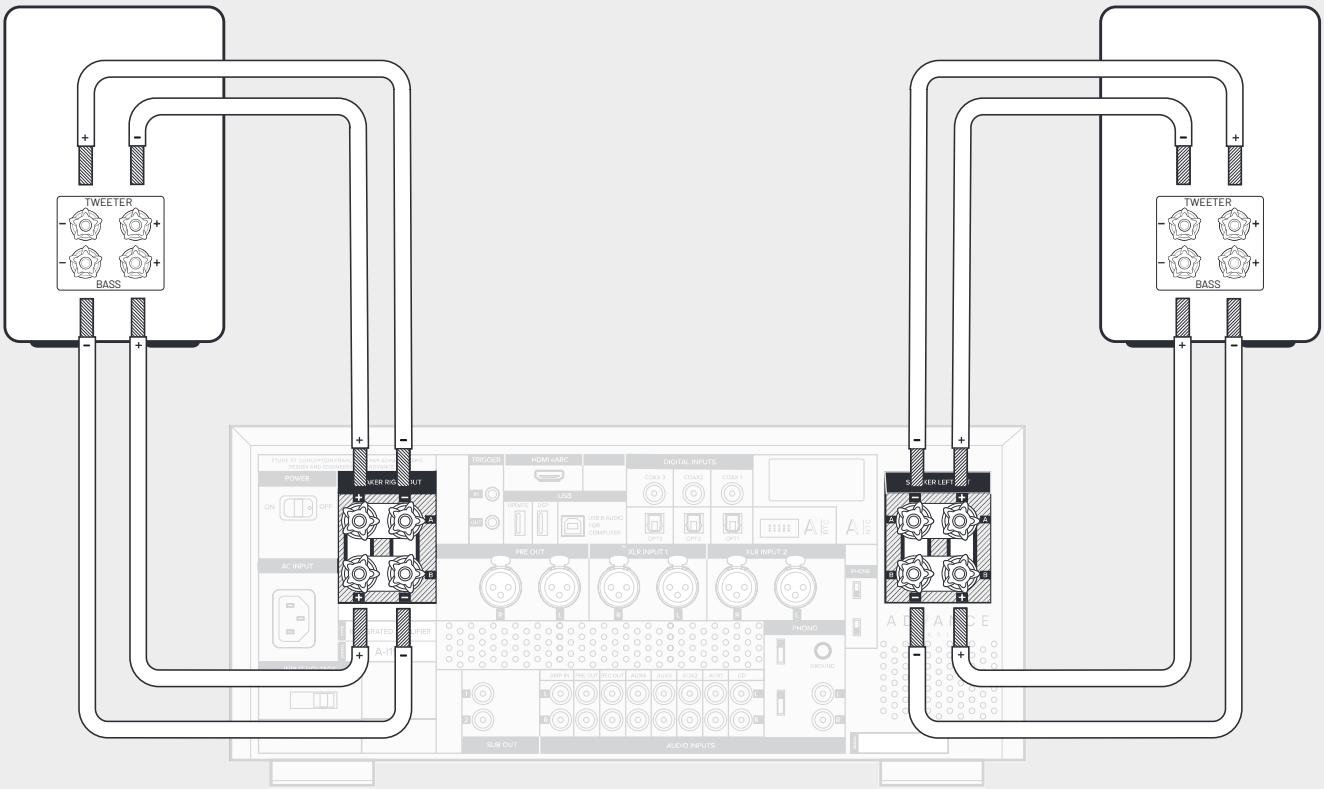
See “Settings” for the speaker output configuration, page 47.

Speakers

BI-WIRING CONNECTION

Some speakers support bi-wiring. You can bi-wire them by doubling the cables between your NOVA amplifier and your speakers.

To do so, double the connections on terminal A (or terminal B), or use outputs A and B. You must also remove the jumpers on your speakers' terminals; refer to their manual.



See "Settings" for the speaker output configuration, page 47.

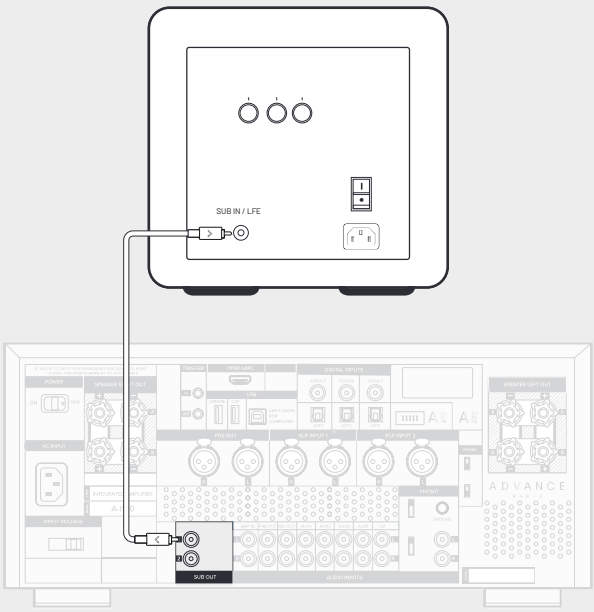
Subwoofer

CONNECTING SUBWOOFERS

Your NOVA amplifier has a dual subwoofer output. You can connect one or two subwoofers.

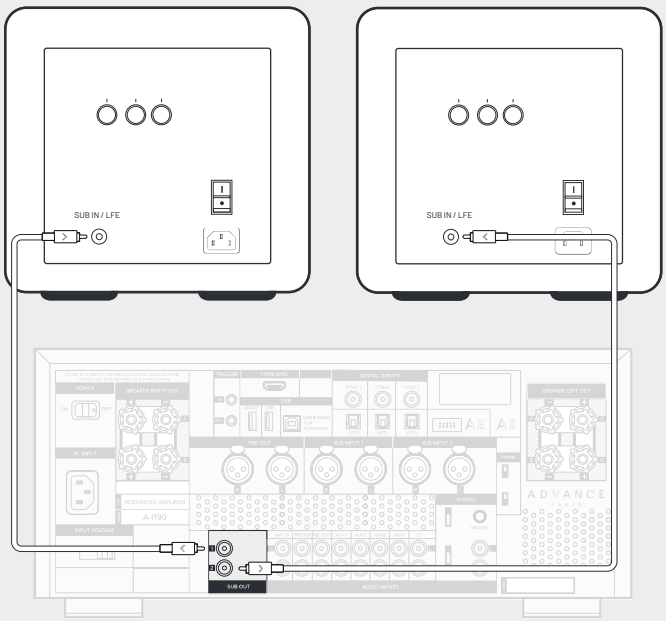
One subwoofer

Use either output, 1 or 2. Your amplifier must be set to MONO mode in the settings menu.



Two subwoofers

Can be used in MONO or STEREO. Output 1 corresponds to the left side (Left), output 2 to the right side (Right).



Television

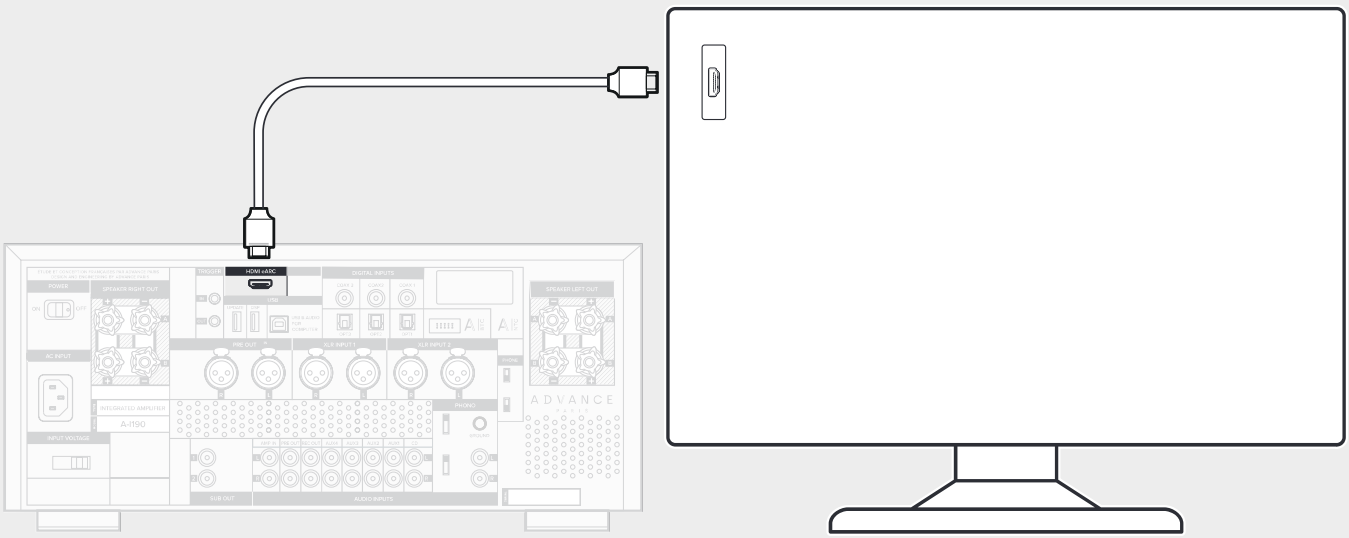
HDMI EARC SOCKET

Your NOVA amplifier greatly improves your sound experience by letting you use your speakers instead of your TV's built-in speakers when watching television.

Simply connect an HDMI cable between your NOVA amplifier and the HDMI ARC (or eARC) socket on your TV. You can then use the TV remote alone to control the amplifier's power-on, standby and volume.

Stereo signal only. The NOVA amplifier is not compatible with multichannel signals.

Changing input. If you change the input on the amplifier, it will no longer respond to commands sent by the TV.

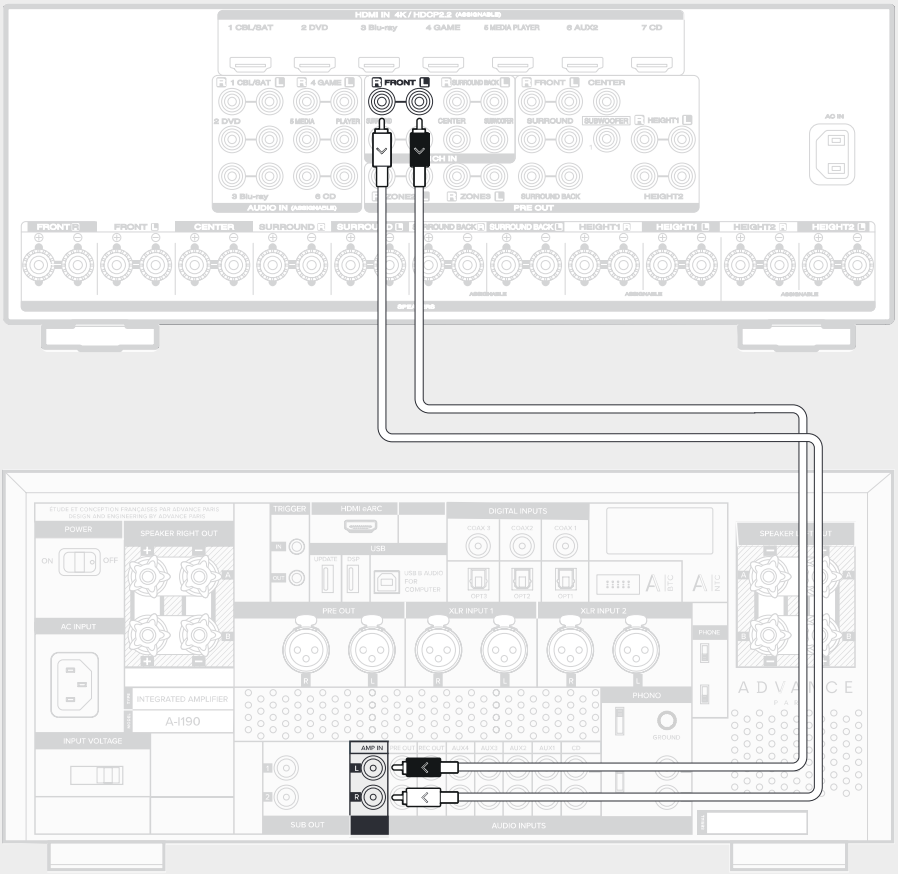


Home cinema

AMP-IN SOCKET

To use your NOVA amplifier as a power amplifier with your home cinema receiver, connect them using the AMP-IN sockets on its rear panel. This connection lets the home cinema receiver take control of the amplification of the front speakers, while benefiting from the audio quality of your NOVA amplifier.

Connect the front PRE-OUT outputs (Front L/R) of your home cinema receiver to the AMP-IN inputs of the NOVA amplifier using an RCA cable.



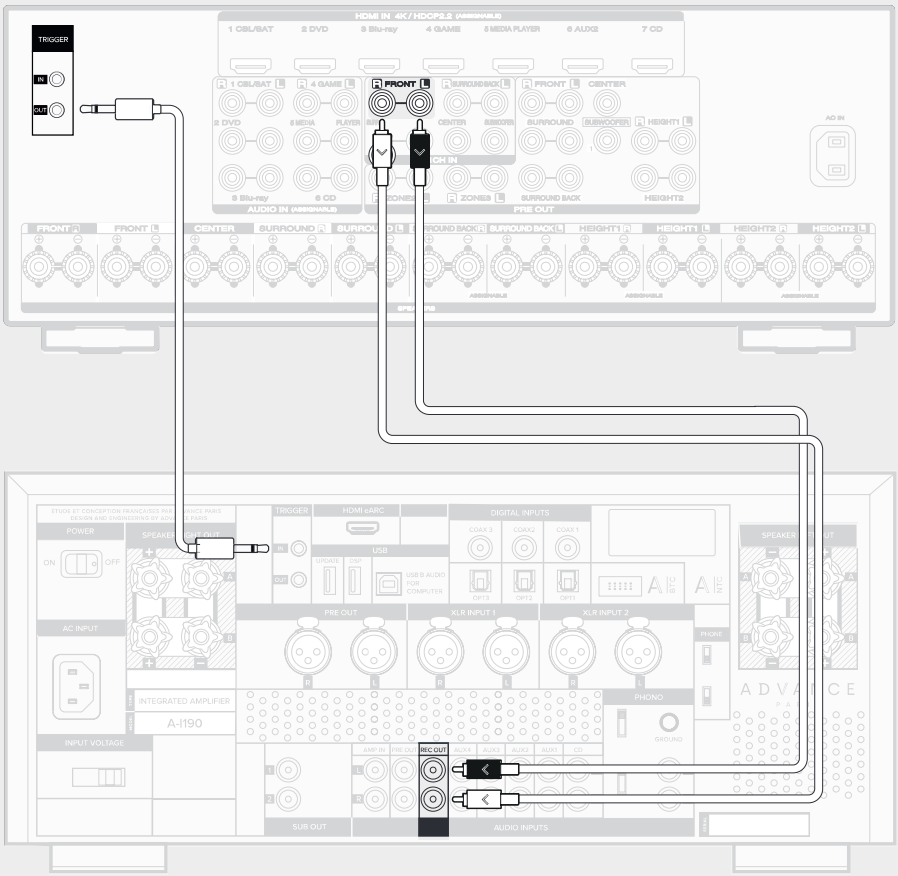
See “Operation”: NOVA as a power amplifier, page 37.

Home cinema

TRIGGER IN SOCKET

When your NOVA amplifier is used as a power amplifier with your home cinema receiver, you can automate its power-on and standby using a 3.5 mm mono cable (not supplied) connecting the Trigger sockets of the two devices. Check that your home cinema receiver has this socket (see its manual).

Use the Trigger IN socket on the NOVA amplifier and the Trigger OUT socket on the home cinema receiver.



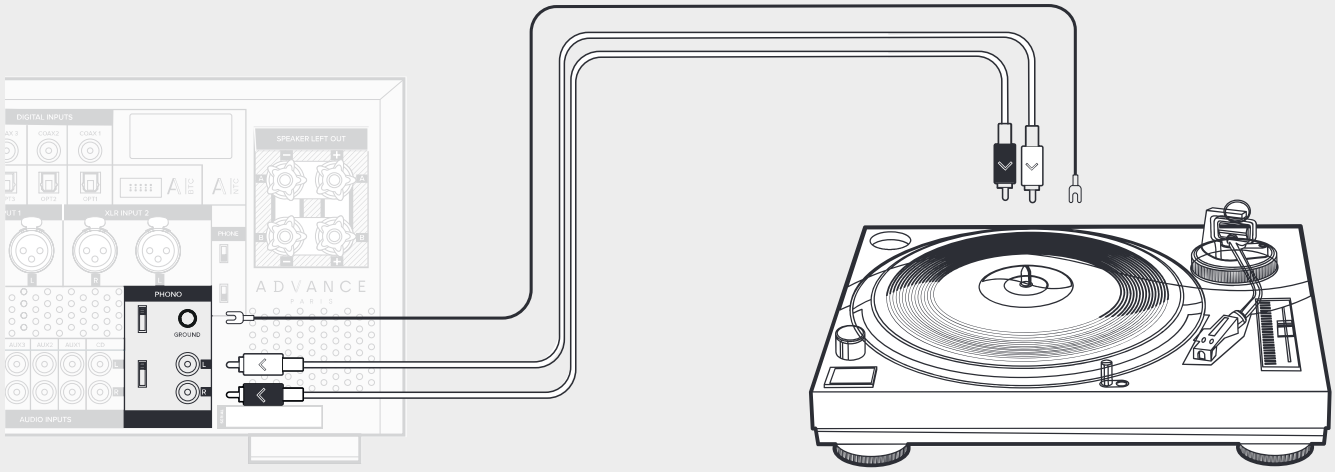
Turntable

PHONO SOCKET

To get the most out of your turntable, connect it directly to the Phono input of your NOVA amplifier. This input is specially designed for **moving magnet (MM) or moving coil (MC) cartridges** and includes the RIAA preamplifier required for correct playback of vinyl records.

Connect the ground wire of your turntable to the ground terminal (GROUND) of the NOVA amplifier to eliminate any hum.

Important. Make connections with the NOVA amplifier set to OFF. Connecting a source while the amplifier is on can expose your speakers to loud noise and damage the speaker drivers.

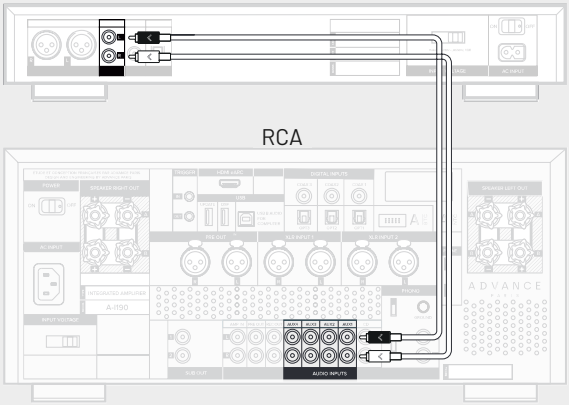


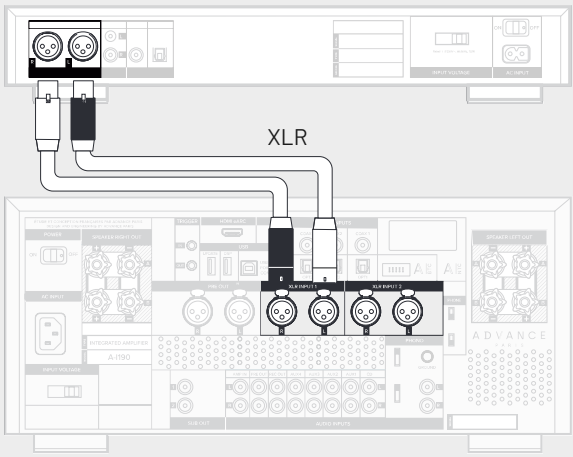
See “Settings” for the Phono input capacitance setting, page 57.

Sources

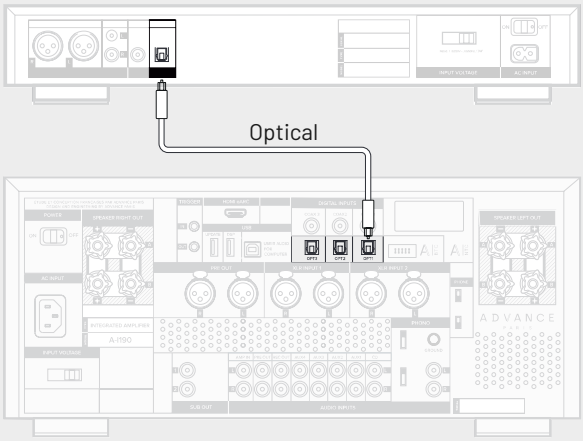
Caution. Do not connect any source to the AMP-IN input: this could cause a very high sound level on your speakers and possible damage to the speaker drivers.

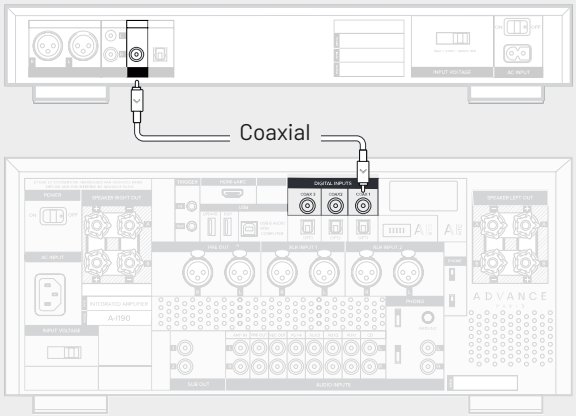
ANALOGUE INPUTS

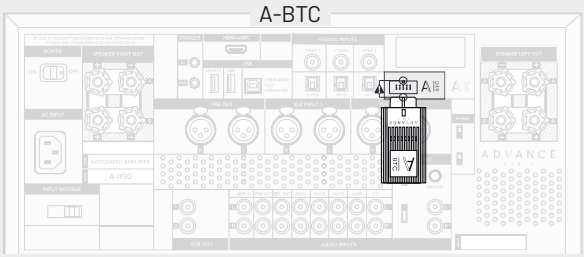


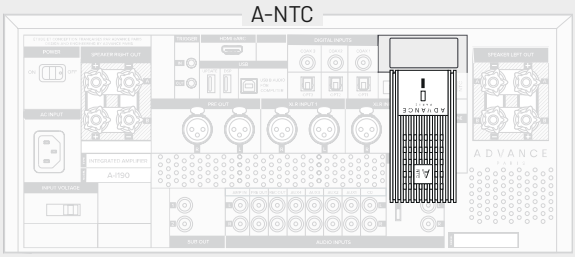


DIGITAL INPUTS







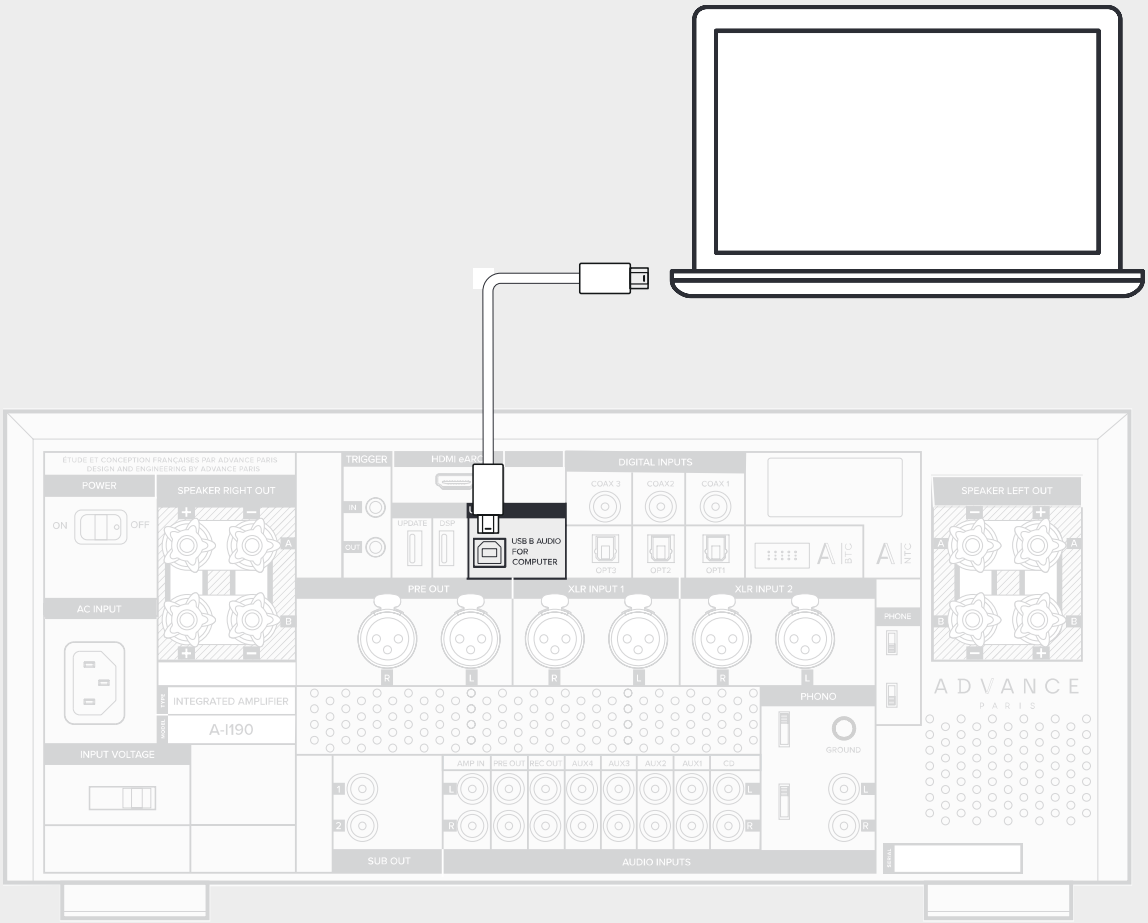


Computer

USB TYPE B INPUT

Compatible with macOS (Apple) and Windows 10-11, no driver required. USB 2.0 specification up to 24 bit / 192 kHz, DSD 64 - 128 - 256 compatible.

On your computer, select the Advance Paris audio output in the sound card settings.



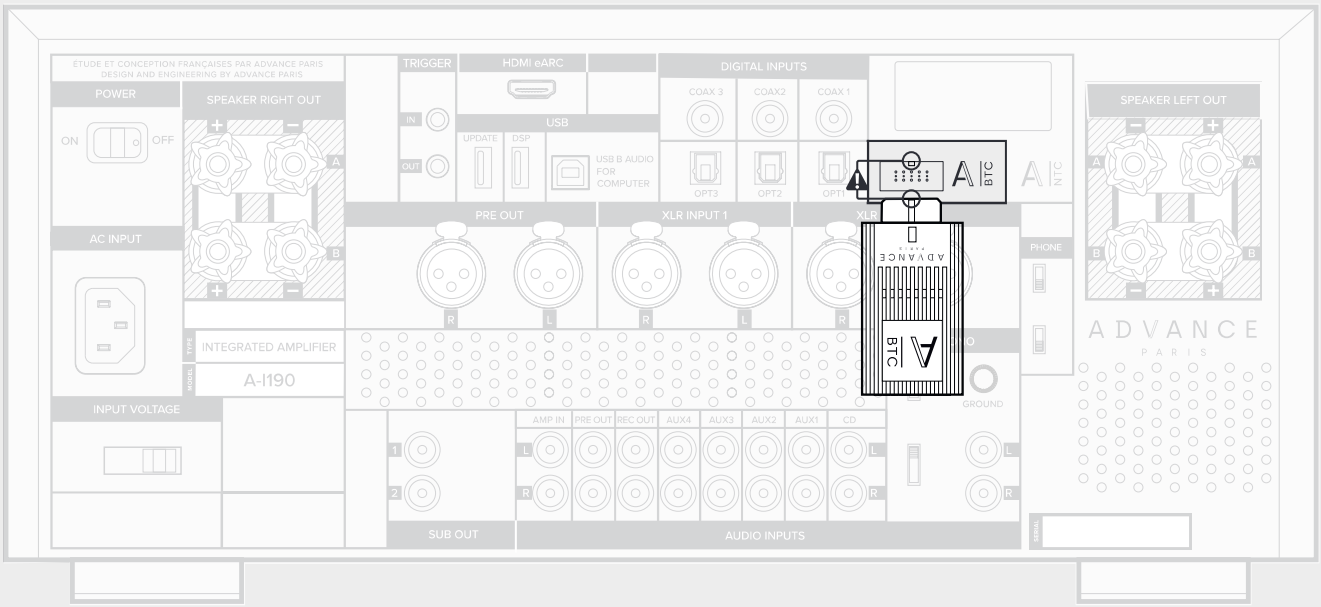
Bluetooth with the A-BTC

A-BTC AUDIO INPUT

To connect a Bluetooth source or headphones to your NOVA amplifier, you need the optional Advance Paris A-BTC module. The A-BTC plugs into the dedicated socket on the rear panel; the same module can also send the sound to Bluetooth headphones.

Insertion. Insert the A-BTC with the amplifier switched off and the mains switch set to OFF.

LDAC. The A-BTC is compatible with the LDAC protocol.



See “Operation” for more details, pages 33 and 34.

Network with the A-NTC

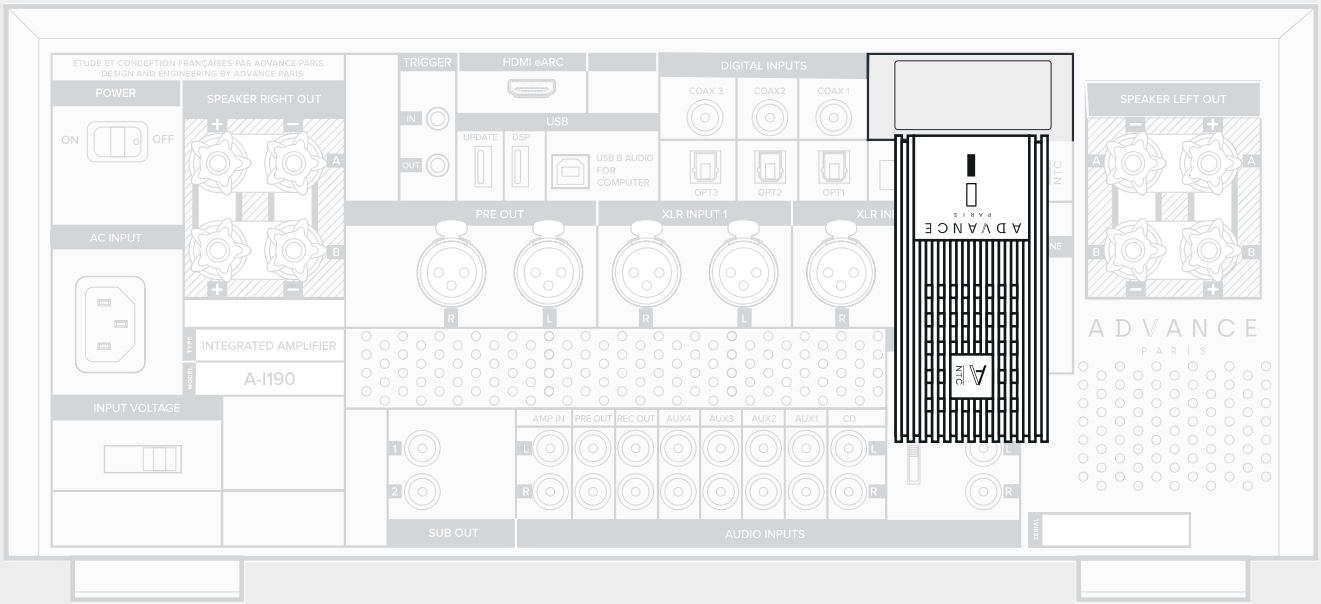
A-NTC AUDIO INPUT

To stream music from your smartphone, tablet or computer to your NOVA amplifier, you need the optional Advance Paris A-NTC module.

Insertion. Insert the A-NTC with the amplifier switched off and the mains switch set to OFF. Remove the protective cover from the dedicated socket on the rear panel, then insert the A-NTC, USB-C connector first.

Gently push the A-NTC along its guide until you feel a notch indicating that it is correctly inserted.

You can then connect the A-NTC to your network with an Ethernet cable. To set up a wireless Wi-Fi connection, refer to the A-NTC manual.

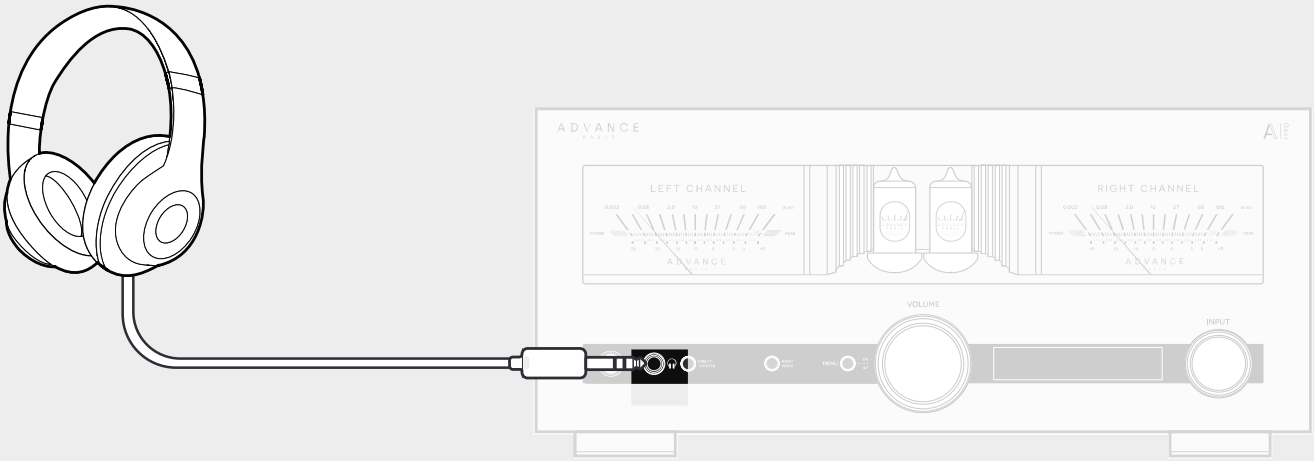


See “Operation” for more details, page 35.

Wired headphones

Plug your wired headphones into the 6.35 mm jack on the front panel of the NOVA amplifier.

The speaker outputs are muted when headphones are plugged in.

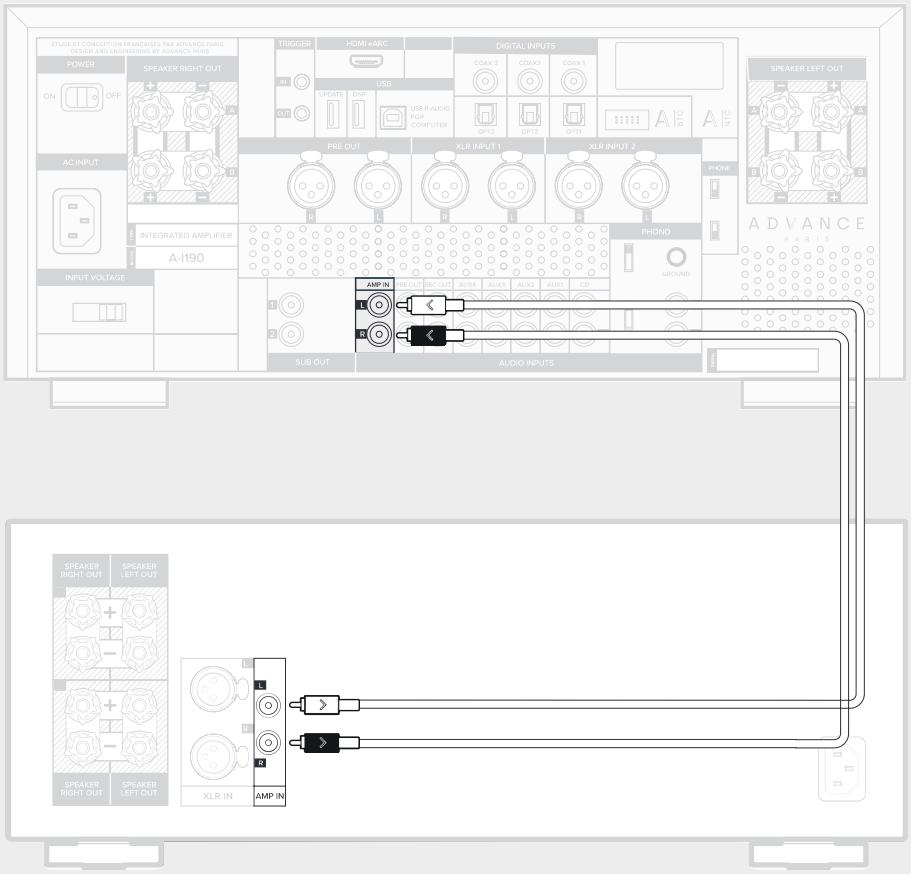


External amplifier

PRE-OUT SOCKET

You can connect a mono or stereo power amplifier to your NOVA amplifier for more power and to match the audio quality to your speakers.

Connect the PRE-OUT outputs of your NOVA amplifier to the inputs of your power amplifier with an RCA cable.



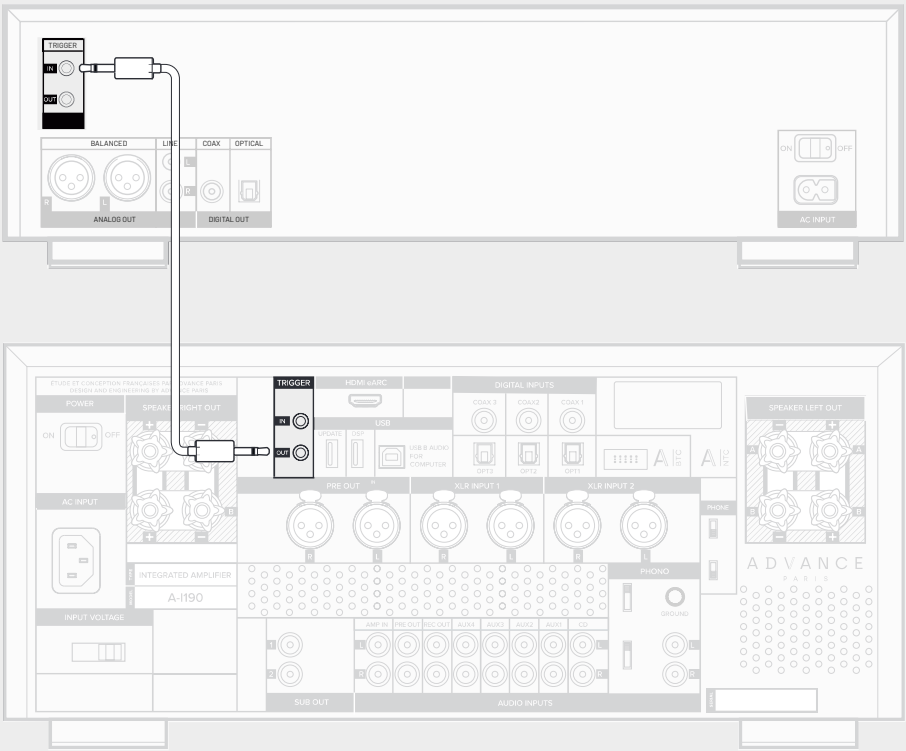
Speakers. Your speakers are then connected to the external power amplifier, not to the NOVA amplifier.

Simultaneous power-on

TRIGGER OUT SOCKET

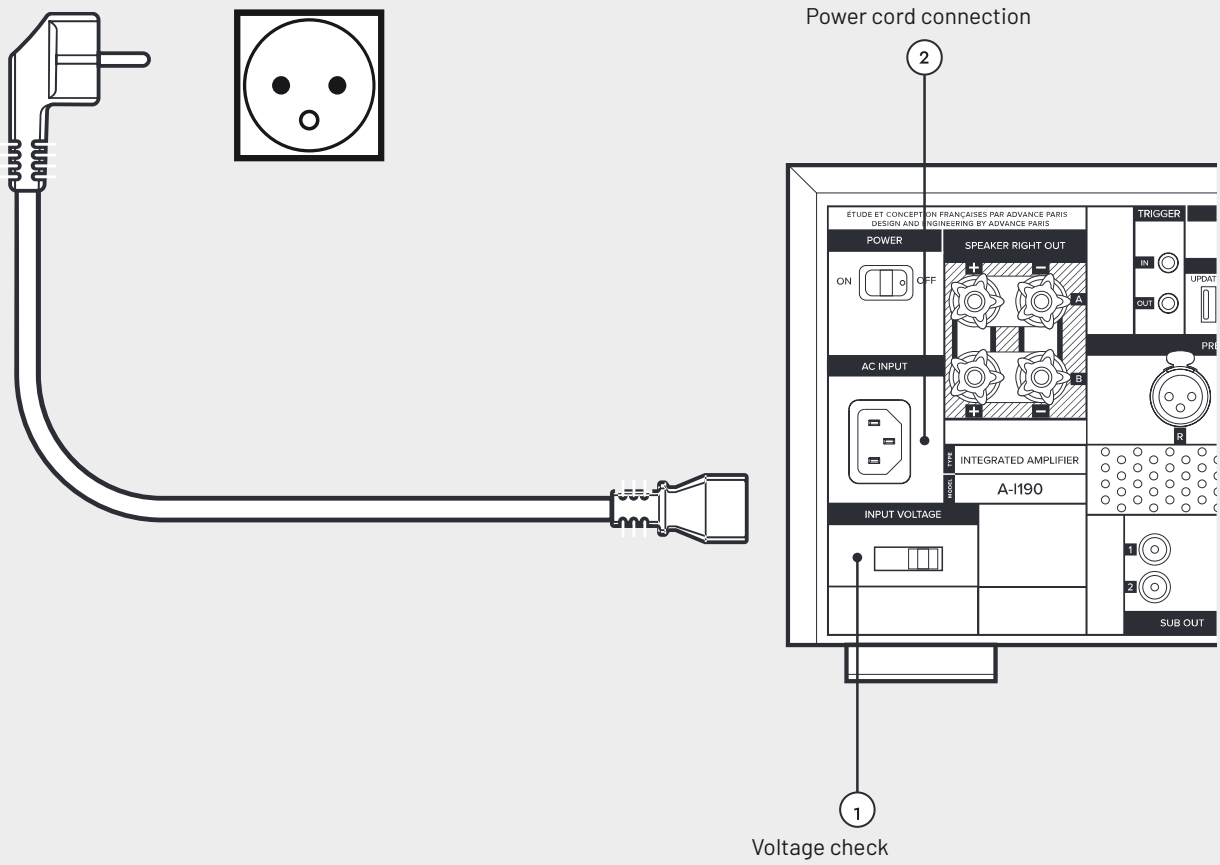
You can switch on another device at the same time as your NOVA amplifier. This device must have a Trigger IN socket.

Connect the Trigger OUT socket of the NOVA amplifier to the Trigger IN socket of your device with a 3.5 mm mono cable (not supplied).



Power cord

Important. Check the voltage setting (1) before connecting the power cord (2). A power supply with an incorrect voltage may damage your NOVA amplifier.



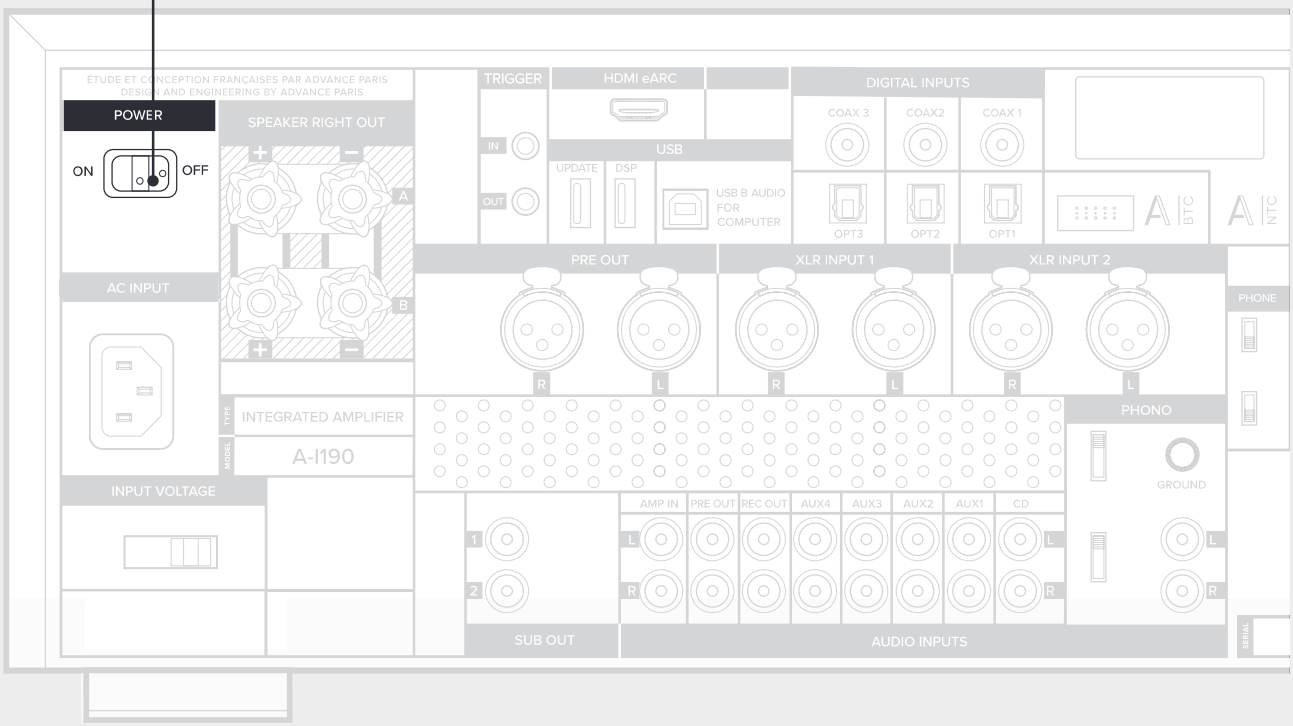
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Powering on

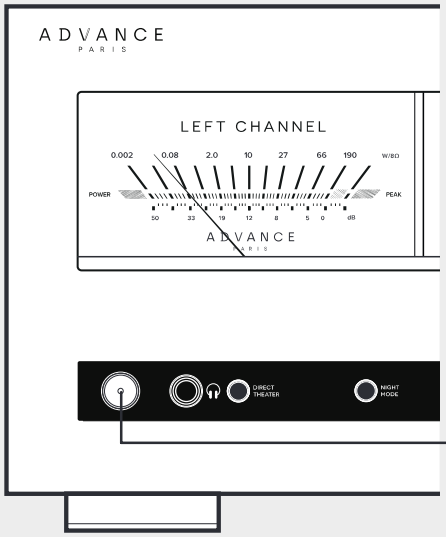
REAR SWITCH

To use your NOVA amplifier, set the mains switch on the rear panel to ON.



Switching on

FRONT BUTTON OR REMOTE CONTROL



To switch on your NOVA amplifier, use the standby button on the remote control or on the front panel.



Your NOVA amplifier has audio tubes. A 30-second warm-up period is required, during which the amplifier produces no sound.

Selecting the input source

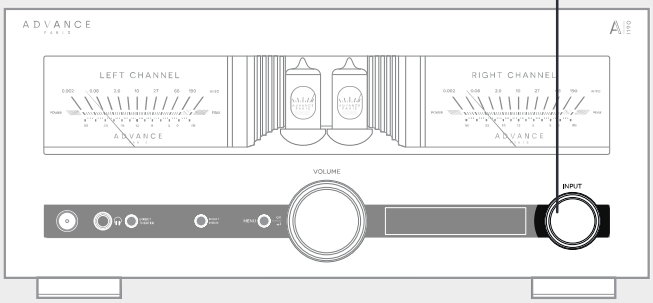
REMOTE CONTROL OR INPUT BUTTON ON THE FRONT PANEL

Your NOVA amplifier has many inputs on its rear panel.



Once your sources are connected, you can select them with the remote control.

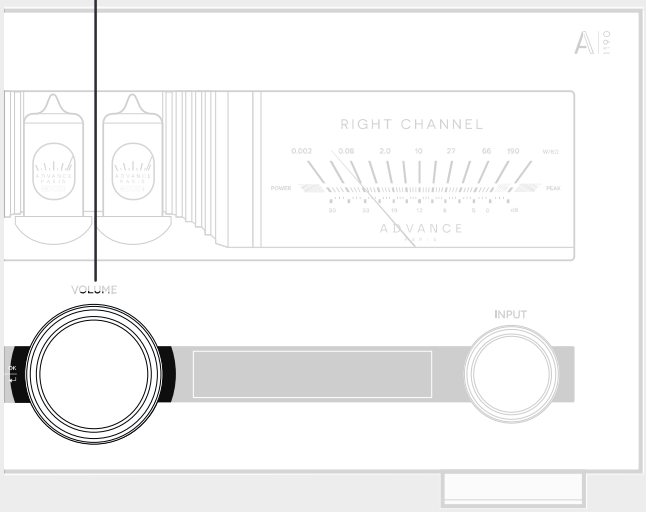
You can also use the INPUT button on the front panel: turn it to scroll through the inputs.



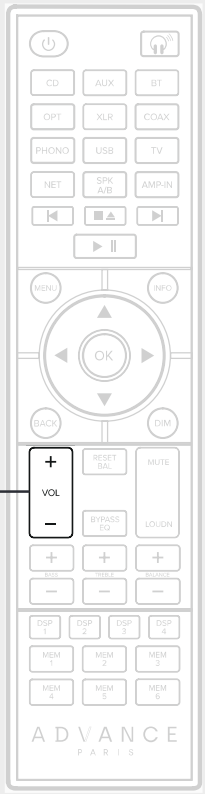
Adjusting the volume

FRONT BUTTON OR REMOTE CONTROL

Turn the volume knob on the front panel: clockwise to increase the volume, anticlockwise to decrease it.

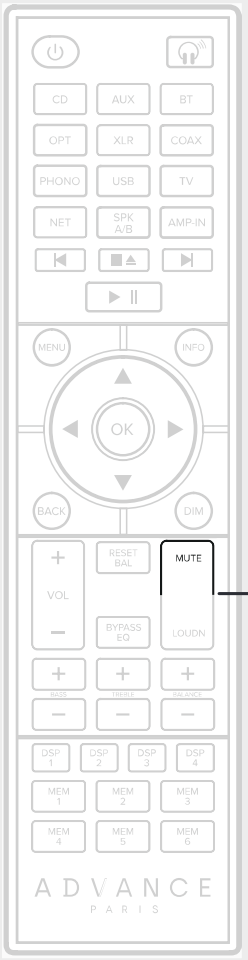


You can also use the “Vol +” and “Vol –” buttons on the remote control. Hold them down to change the volume quickly.



Muting

REMOTE CONTROL



Press the "MUTE" button on the remote control to mute the sound completely.

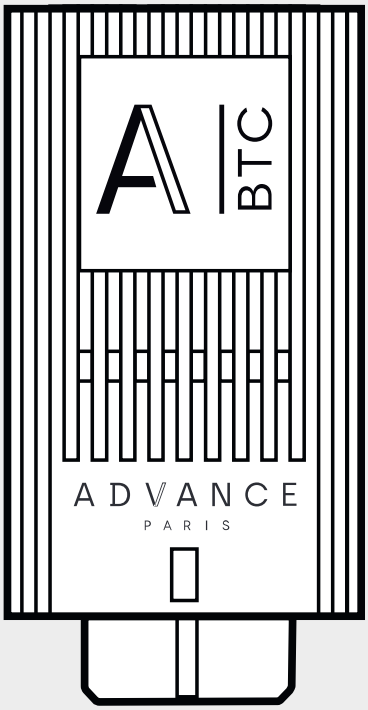
Press "MUTE" again to return to the original level. The "Vol +" and "Vol -" buttons also cancel the "MUTE" function.

Bluetooth devices with the A-BTC

Switch on your NOVA amplifier and select the Bluetooth input. Go to the Bluetooth settings of your source (phone, tablet, computer) and select the A-BTC.

You can now send music to your amplifier. First check that the volume of your Bluetooth source and of your amplifier is not set too high.

LDAC. The A-BTC is compatible with the LDAC protocol.



Bluetooth headphones with the A-BTC

With the optional Advance Paris A-BTC module, your NOVA amplifier can send the sound to Bluetooth headphones (not supplied), so you can listen to music without disturbing others. Both analogue and digital inputs can be sent to the headphones.

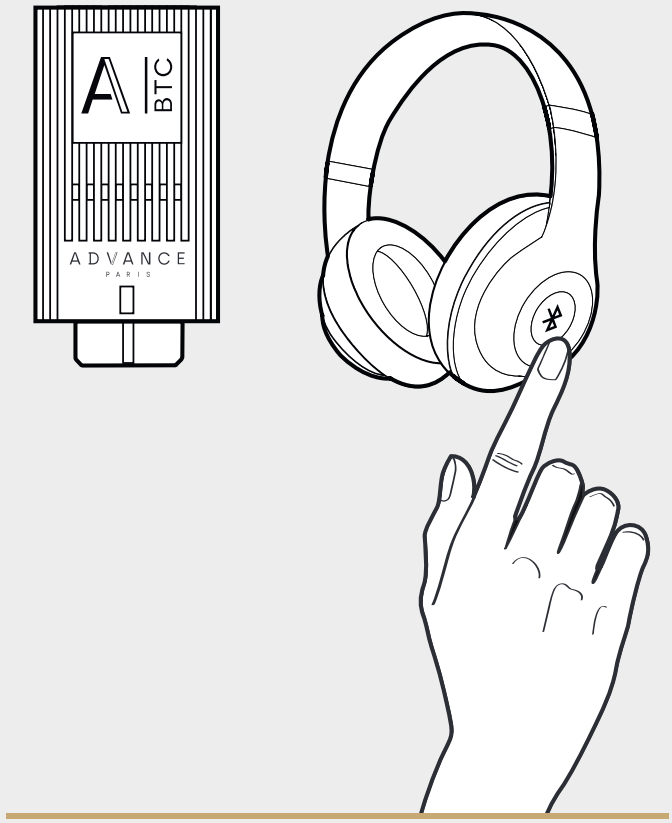
To activate this function, press the button with the headphone icon on the remote control, then start the pairing procedure on your headphones (see the manufacturer's manual). After 30 seconds, your headphones and the A-BTC connect.

This procedure is only required for the first connection. After that, the headphones connect automatically when you press the headphone button on the remote control.

Volume. Adjust it directly on the headphones. The remote control and the volume knob only change the speaker volume.

Delay. The speaker sound and the headphone sound are not synchronised: there is a slight delay, which depends on the specifications of your headphones.

The speaker sound can be muted or kept while listening on headphones. See page 48.

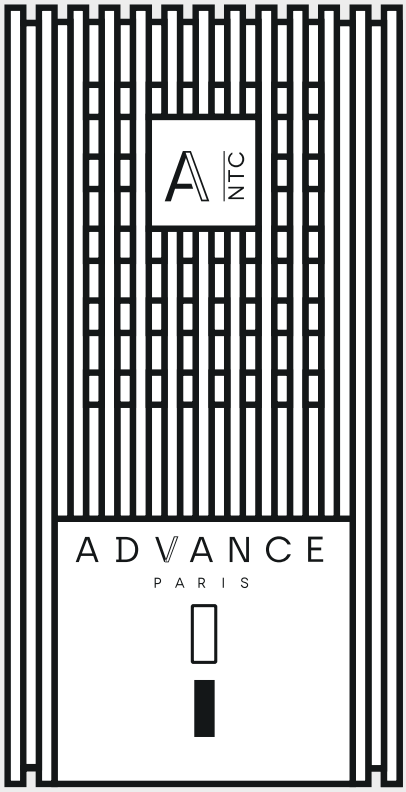


Limitation. You cannot send the Bluetooth input to Bluetooth headphones. In this case, pair your source directly with your headphones.

NOVA amplifier with the A-NTC network player

With the A-NTC network player, you can stream music from your smartphone, tablet and computer to your NOVA amplifier.

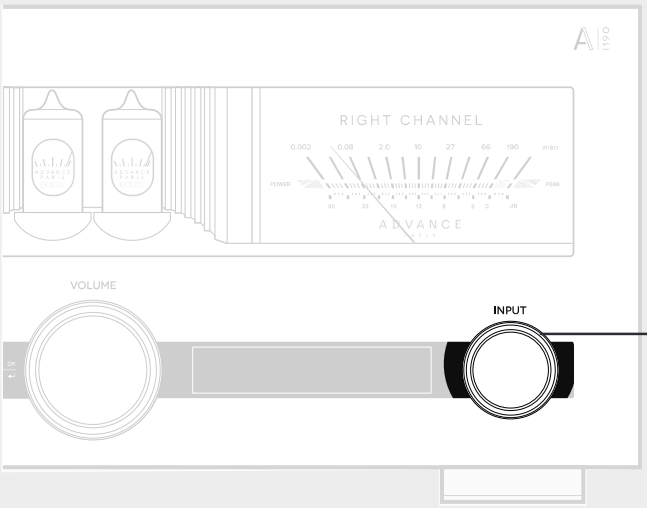
Once the A-NTC is connected to your network, select it on your smartphone to stream music to it. The NOVA amplifier then switches automatically to the Network input.



See the A-NTC manual for more details.

TV as an audio source

FRONT BUTTON OR REMOTE CONTROL



Once the HDMI cable is connected between the NOVA amplifier and the TV, select the TV input with the remote control, or the HDMI eARC input with the INPUT button on the front panel.



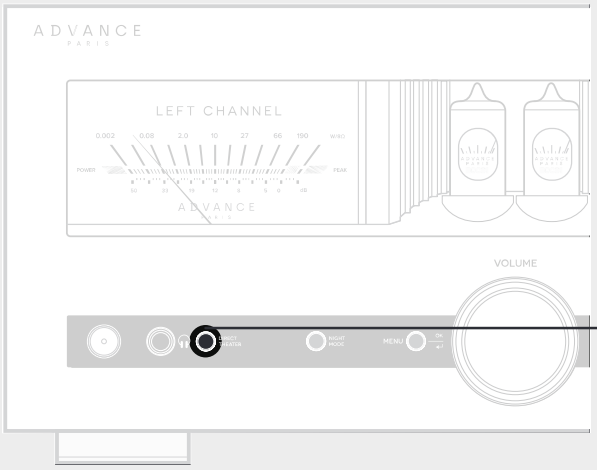
NOVA as a power amplifier



Select the AMP-IN input of your NOVA amplifier with the remote control.

Your home cinema receiver now controls the volume and sound balance of the front speakers during home cinema sessions.

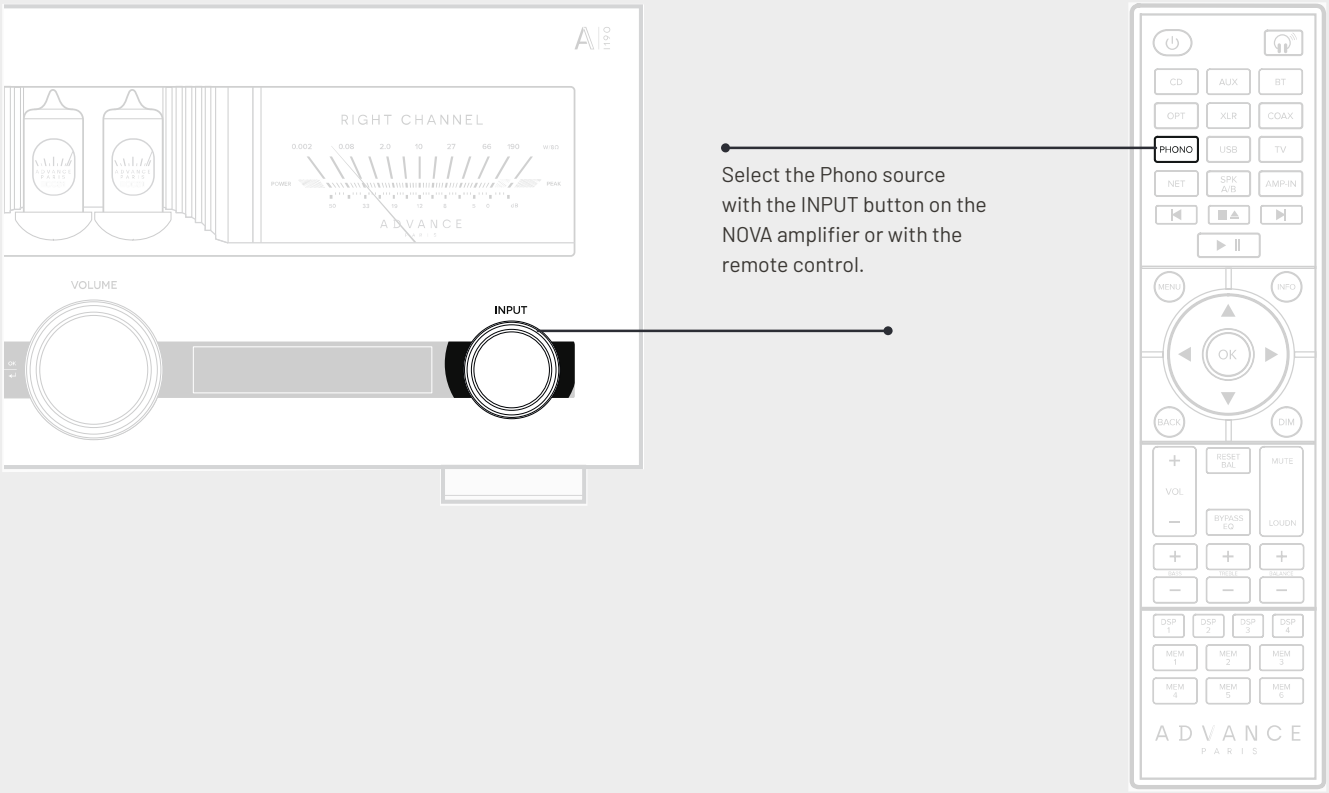
Your system is ready: you enjoy the power and musical quality of the NOVA amplifier while keeping the multichannel features of your home cinema receiver.



AMP-IN mode can also be activated with the DIRECT THEATER button on the front panel.

We recommend that you perform an acoustic calibration of the complete system with the calibration function of your home cinema receiver, to balance the level of all speakers. See your home cinema receiver's manual.

Using your turntable



Select the Phono source with the INPUT button on the NOVA amplifier or with the remote control.

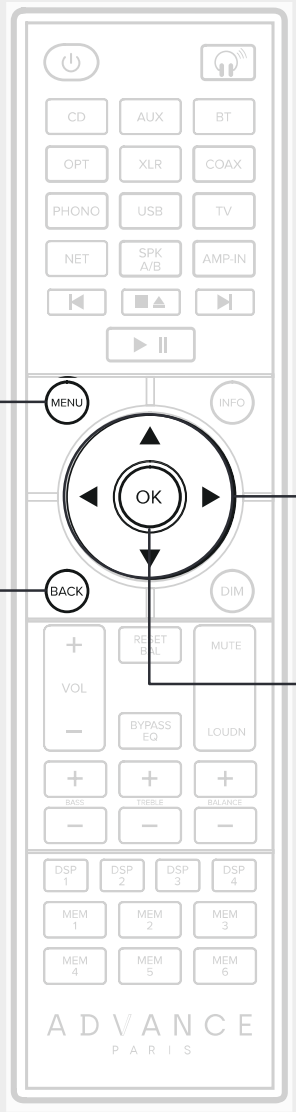
Settings

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Settings menu (remote control)

Press the "MENU" button on the remote control to access the settings menus of your NOVA amplifier.

To return to the previous level, press the "Back" button.



Use the direction buttons on the remote control to browse the settings menus.

To enter a setting, briefly press the "OK" button.

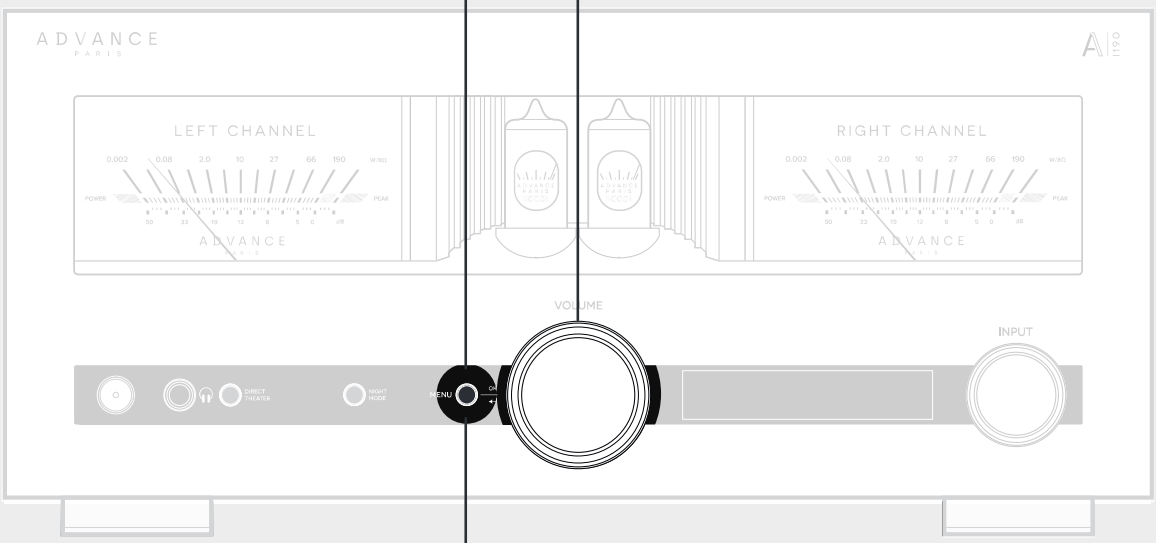
REM-21

Settings menu (amplifier front panel)

HOW DO I ACCESS THE SETTINGS MENU FROM THE AMPLIFIER?

Press the MENU button to access the settings menus of your NOVA amplifier.

Turn the volume knob to scroll through the settings menu entries.



To enter a setting, briefly press the MENU button.

To return to the previous level, press and hold the MENU button.

Product information

MENU / System INFO

Here you will find:

Product reference

Internal software version

Bluetooth software version (if A-BTC inserted)

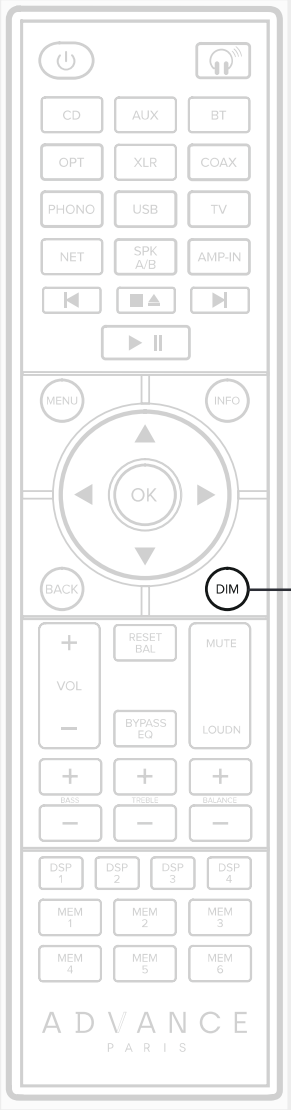
USB software version

IP address (if A-NTC inserted)

SSID (if A-NTC inserted and connected via Wi-Fi)

Display brightness

DIM ON THE REMOTE CONTROL



REM-21

Press the DIM button repeatedly to adjust the brightness of the VU meters and the display.

The brightness of the STANDBY button and the audio tubes cannot be adjusted.

You can also adjust this brightness from the amplifier front panel, via the MENU:

MENU / DIMMER / LEVEL 1 - LEVEL 2 - LEVEL 3

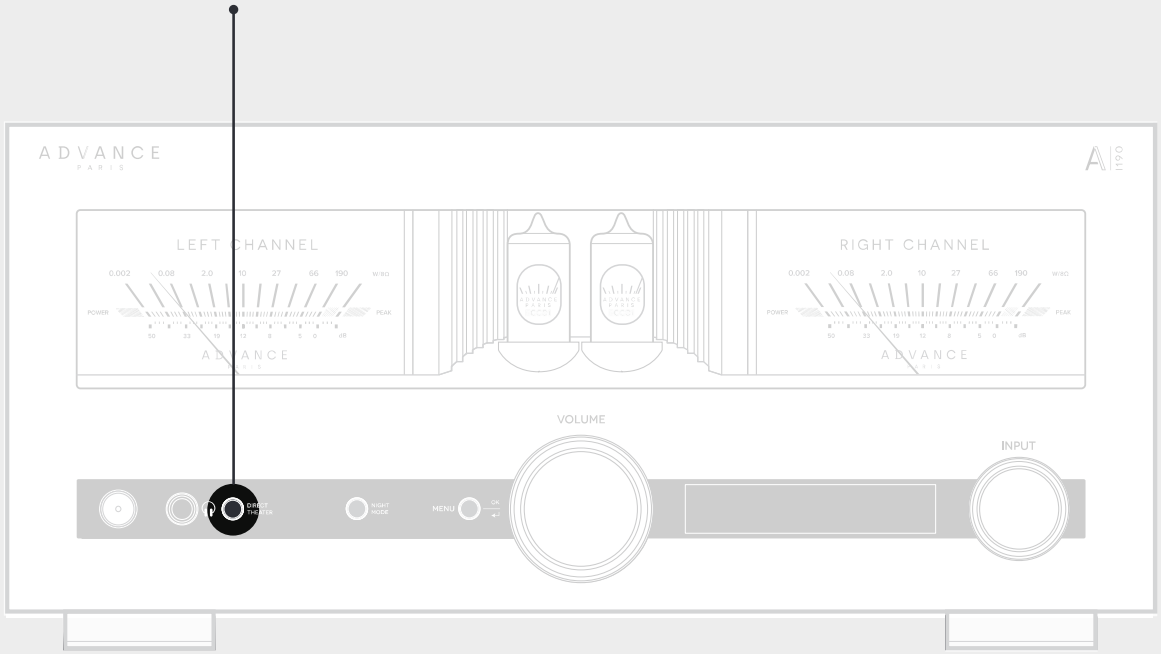
VU meter colour

You can set the backlight colour of the VU meters: white or blue. This setting is made via the MENU:

MENU / COLOR / WHITE - BLUE

Direct Theater

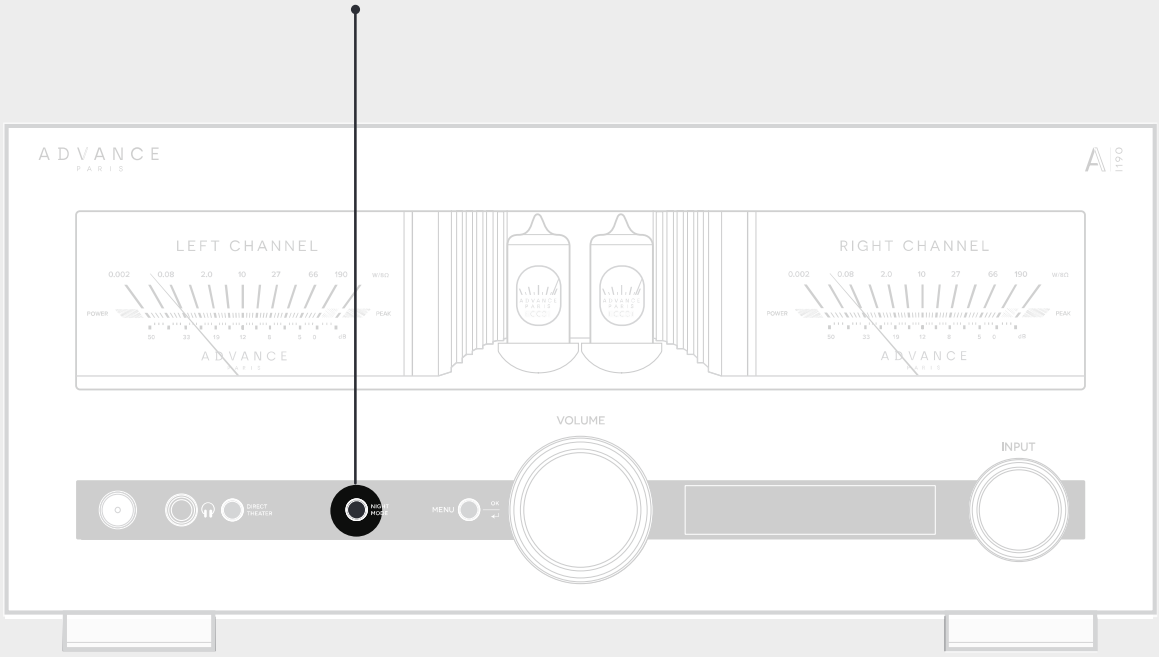
To use your NOVA amplifier as a power amplifier.



See “Operation”: NOVA as a power amplifier, page 37.

Night Mode

This button sets the VU meters and the display to minimum brightness, activates the "Loudness" function and attenuates the low frequencies. You can listen at low volume while keeping excellent sound quality.



Speaker output configuration (A/B)

To choose the speaker output to use, go to the following menu:

MENU / SPEAKER / SPEAKER A or SPEAKER B or SPEAKER A+B or SPEAKER OFF

This setting is stored in memory: you do not need to repeat it each time you switch on.

Speaker settings when using Bluetooth headphones

When using Bluetooth headphones, you can choose whether or not to mute the speakers. If you keep them on, you can have different volumes for the headphones and the speakers, which is useful when one listener needs a higher level in the headphones.

SPK MUTE ON. The speakers are inactive while listening on Bluetooth headphones.

SPK MUTE OFF. The speakers remain active while listening on Bluetooth headphones.

When the speakers remain active, there is a delay between the speaker sound and the sound sent to the Bluetooth headphones. This delay depends on the specifications of your headphones.

To configure this setting, go to the NOVA amplifier menu:

MENU / BLUETOOTH OUT / SPEAKERS / SPK MUTE ON or SPK MUTE OFF

See “Bluetooth output protocol”, page 49. See “Bluetooth headphones with the A-BTC”, page 34.

Bluetooth output protocol

PRODUCT DISPLAY

You can choose the protocol type for the Bluetooth output with the A-BTC.

MENU / BLUETOOTH OUT / PROTOCOL / QUALITY or LOW LATENCY

QUALITY

Recommended for hi-fi listening.

LOW LATENCY

Recommended for listening with Low Latency compatible headphones and with the HDMI eARC socket.

Bluetooth transmission always causes a delay. This delay can be reduced with the LOW LATENCY setting, provided your Bluetooth headphones are compatible with the Bluetooth Adaptive Low Latency protocol.

See “Bluetooth headphones with the A-BTC”, page 34.

DSP - Active room correction - Filtering

The acoustic configuration settings are in the MENU:

MENU / DSP SETTING

SUB MODE

You can configure the Subwoofer outputs in MONO or STEREO.
- MONO: outputs 1 and 2 carry the same signal
- STEREO: outputs 1 and 2 carry the left and right sides respectively

LARGE / SMALL

You can activate low-pass and high-pass filtering on the speaker and subwoofer outputs.
In the **LARGE** position, the speaker and subwoofer outputs have no low-pass / high-pass filtering.
In the **SMALL** position, once activated, a CROSSOVER setting appears in the DSP SETTING MENU. By default, when SMALL is activated, a low-pass and high-pass filter at 100 Hz is enabled.

See the DSP GUIDE, available for download on the ADVANCE PARIS website, for more details on the CROSSOVER settings.

Disabling the DSP

If you do not want to use the DSP and its advanced functions, activate “Analog Bypass” mode: it provides the shortest audio signal path between the inputs and your speakers. The analogue inputs are then not converted to digital for processing by the DSP.

MENU / ANALOG BYPASS

In “Analog Bypass” mode, the 2 subwoofer outputs are low-pass filtered at 200 Hz with a slope of 12 dB per octave, Q = 0.7, and the signal is MONO. This cannot be changed.

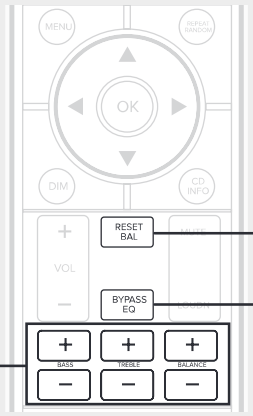
In “Analog Bypass” mode, you must set the volume and crossover frequency on the rear panel of the subwoofer.

Tone / Balance / Loudness

REMOTE CONTROL / PRODUCT DISPLAY

MENU / TONE SETTING

The remote control gives access to the bass (Bass), treble (Treble), balance (Balance) and Loudness settings.



The Reset Bal button centres the balance.

A short press on the Bypass EQ button enables or disables your bass and treble settings.

Loudness compensates for the ear's reduced sensitivity to low and high frequencies when listening at low volume.

Your amplifier dynamically applies a correction to the low and high frequencies according to your listening volume, for the most natural tonal balance possible: at low volume the correction is strong, at medium volume it is moderate, and at high volume there is no correction.

Power-on volume

PRODUCT DISPLAY

MENU / VOLUME SETTING / START VOLUME

When set to ON, your NOVA amplifier always starts at a specific volume. When set to OFF, it starts at the volume used when it was put into standby.

MENU / VOLUME SETTING / DEFAULT VOLUME

Set the start-up volume here, when the previous step is set to ON.

Auto standby mode

PRODUCT DISPLAY

MENU / APD SETTING

Your amplifier can switch off automatically after a certain time without a signal.

Available durations: OFF / 5 minutes / 10 / 20 / 30 / 60.

Network standby

MENU / POWER CONTROL

If the optional A-NTC audio streamer is installed in the NOVA amplifier, you can choose whether it stays on or goes into standby with the amplifier.

ON

The A-NTC stays on during standby and remains visible on your network.

OFF

The A-NTC switches off during standby.

Reset

PRODUCT DISPLAY

MENU / FACTORY RESET

If necessary, you can restore all the NOVA amplifier settings to the factory configuration.

Capacitance (PHONO input)

Your NOVA amplifier has a capacitance setting on the Phono MM / MC input, which lets you match the electrical load to your turntable's cartridge.

This setting optimises the frequency response and ensures sound reproduction that is faithful to the recording.

Check the specifications of your MM cartridge: most cartridges recommend a total capacitance between 100 pF and 200 pF, including the turntable cable. Adjust the capacitance value of the NOVA amplifier according to this recommendation.

Too low a capacitance can give a clearer but sometimes overly bright sound. Too high a capacitance can make the sound softer but also cause a loss of precision in the treble.

Carry out a few comparative listening tests to confirm the setting that gives the most natural tonal balance. With this setting, you optimise the pairing between your MM cartridge and your amplifier to fully enjoy the musicality of your vinyl records.

MC cartridges are not very sensitive to this capacitance setting. We recommend setting the capacitance to the lowest value (100 pF).

MM / MC Low / MC High phono preamp (PHONO input)

Select the type of phono cartridge on your turntable.

MM

For a moving magnet cartridge.

MC Low

For a “standard” MC cartridge.

MC High

For a high-output MC cartridge.

Refer to the manual of your cartridge or turntable to find out its type.

Update / FAQ

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Update 61
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Internal software information

To find out the internal software version of your NOVA amplifier, go to the following menu:

MENU / SYSTEM INFO

Turn the volume knob to scroll through the information. The internal software is shown on the “MCU VERSION” line.

Update

If an update is required:

1. Go to the www.advanceparis.com website, **Support** menu, then **Manuals and Software**.
2. Choose your product range (**NOVA**), then your product (**A-i130** or **A-i190**).
3. Compare the software version offered on the website with the MCU VERSION read on your amplifier (see "Internal software information", page 60). If the website version is more recent, continue the procedure; otherwise, your amplifier is up to date and no update is needed.
4. Download the update file (zip file).
5. On your computer, unzip the file, then copy the ".bin" file onto a USB stick of 16 GB or less, formatted in FAT. See pages 62 and 63.
6. Plug this stick into the UPDATE port on the rear of the NOVA amplifier.
7. Start the update from the NOVA amplifier menu:

   MENU / UPGRADE / MCU UPGRADE / YES

   The amplifier starts the update and switches to Standby when the update process is complete.

Updates are available on the www.advanceparis.com website, Support / Manuals and Software page.

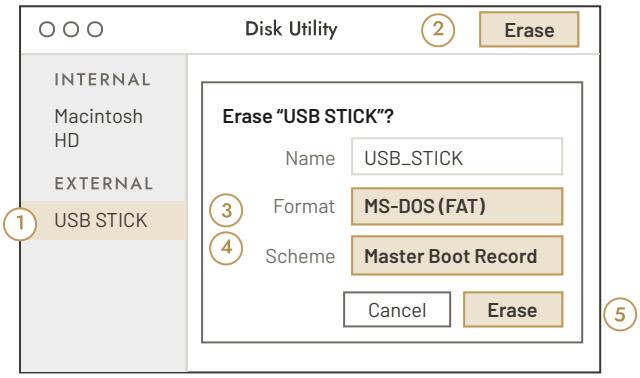
Update

FORMATTING THE USB STICK IN FAT

The amplifier only reads USB sticks formatted in FAT. If your stick uses another format, format it before copying the ".bin" file onto it.

ON MAC

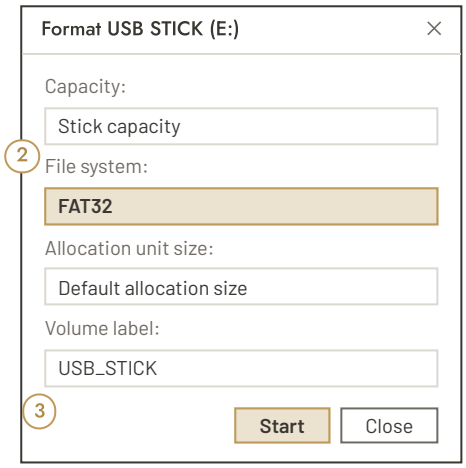
macOS — Disk Utility



1. Plug in the USB stick, then open **Disk Utility** (Applications folder, then Utilities). Select the stick in the sidebar, under **External**.
2. Click **Erase**.
3. In **Format**, choose **MS-DOS (FAT)**.
4. In **Scheme**, choose **Master Boot Record**.
5. Click **Erase**, then **OK** when the operation is complete.

ON PC

Windows — File Explorer



1. Plug in the USB stick, then open File Explorer on **This PC**. Right-click the stick, then choose **Format...**
2. In **File system**, choose **FAT32**.
3. Click **Start**, then confirm with **OK**.

! Formatting erases all the content of the stick. Copy any files you want to keep elsewhere before you start. We recommend using a USB stick of 16 GB or less.

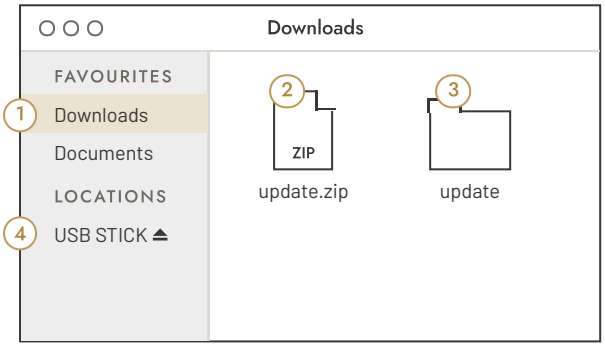
Update

UNZIPPING THE DOWNLOADED FILE

The file downloaded from the Advance Paris website is a zip file. Before copying it to the USB stick, you must unzip it to obtain the ".bin" file. The USB stick must be formatted in FAT: see "Formatting the USB stick in FAT", page 62.

ON MAC

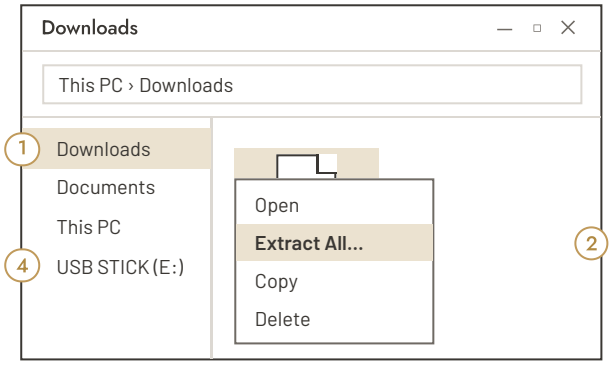
macOS — Finder



1. Open the **Downloads** folder in the Finder.
2. Double-click the zip file. macOS unzips it automatically and creates a folder with the same name next to the file.
3. Open this folder: it contains the ".bin" file.
4. Drag the ".bin" file onto the USB stick, visible in the Finder sidebar under **Locations**.
5. Eject the stick before removing it: right-click the stick, then **Eject**.

ON PC

Windows — File Explorer



1. Open the **Downloads** folder in File Explorer.
2. Right-click the zip file, then choose **Extract All...**
3. Click **Extract**. A folder with the same name is created and opens: it contains the ".bin" file.
4. Copy the ".bin" file, then paste it onto the USB stick, visible in **This PC**.
5. Eject the stick before removing it: right-click the stick, then **Eject**.

Copy only the ".bin" file onto the USB stick, not the zip file: the amplifier cannot read zip files.

Frequently asked questions

The power does not switch on/off	› Check that the mains cable is correctly connected, › Check that the mains switch on the rear of the NOVA amplifier is set to ON.
Operations cannot be performed with the remote control	› Check / Replace the remote control batteries
No sound	› Check that you have selected the input you want to listen to, › Check that the "MUTE" function is not activated, › Check that the speaker output (A or B) is activated in the settings menu.
The desired audio is not played	› Check that you have selected the correct input
The sound is distorted or there is noise	› Contact your after-sales service, › The preamplifier tubes may need to be replaced.
The sound from my turntable is not good	› Check that your turntable is correctly connected to the PHONO input of the NOVA amplifier, › Check the counterweight setting of the turntable, › Check that your ground cable is properly connected.
No sound from a USB stick plugged in at the rear	› The USB A "UPDATE" and "DSP" ports are not compatible with audio files. The UPDATE port is dedicated to updates, the DSP port to the DSP.
I do not get the sound from my TV on my speakers	› If you used an HDMI cable between the NOVA amplifier and your TV, check that the CEC / HDMI ARC (or eARC) function is enabled on your TV / Set the TV audio output to stereo (or PCM). See the TV manual.

Appendix

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Specifications 69

Glossary

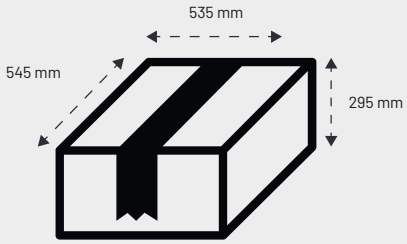
A-BTC	Optional Advance Paris Bluetooth module that plugs into the dedicated socket on the rear of Advance Paris amplifiers to allow the connection of Bluetooth sources or headphones.
Display	Screen on the front of the amplifier that shows information (source, volume, settings...).
AMP-IN / DIRECT THEATER	Input that lets you use the NOVA as a power amplifier, for example in a home cinema system.
Amplifier (amp)	Device that amplifies audio signals from various sources in order to drive speakers.
Terminal A / Terminal B	Connectors on the rear of the amplifier for connecting one or two pairs of speakers.
Bluetooth	Wireless transmission technology for connecting a compatible device via the A-BTC module.
Standby button	Button used to switch the amplifier on or put it into standby.
Speaker cables	Cables used to connect the speakers to the amplifier terminals.
Capacitance	Setting specific to the Phono MM input that optimises the reproduction of a phono cartridge.
Coaxial (digital input)	Digital input that uses a coaxial cable to transmit sound.
Mains cord	Power cable used to connect the amplifier to a mains socket.
AUX input	Stereo analogue inputs for connecting various sources.
Phono MM input	Input specially designed for turntables fitted with moving magnet (MM) cartridges.
Optical input	Digital inputs using an optical cable (Toslink).

Glossary (continued)

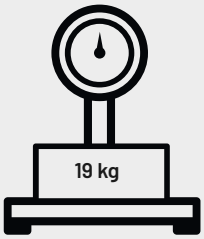
Spades	Type of speaker cable connector that fits around the terminal.
GROUND	Ground terminal used to reduce interference noise when connecting a turntable.
HDMI ARC eARC	HDMI connection that transmits sound between the TV and the amplifier, with volume control and standby.
Infrared (IR)	Infrared transmission system that allows the remote control to communicate with the amplifier.
Mains switch	Main switch used to switch the device on or off completely.
PRE-OUT	Output that sends the audio signal to an external power amplifier.
RCA	Red and white analogue connectors used for audio links.
REC-OUT	Output for connecting a recording device.
Subwoofer	Speaker specialised in reproducing very low frequencies (bass). It complements the main speakers to provide greater depth and impact in the bass. Can be connected in single (Mono) or dual (Stereo) configuration depending on the amplifier settings.
Trigger IN / Trigger OUT	Connectors used to synchronise the switching on or off of the amplifier with other devices.
USB type B	Input for connecting a computer to use the amplifier as a USB sound card.

Dimensions / Weight

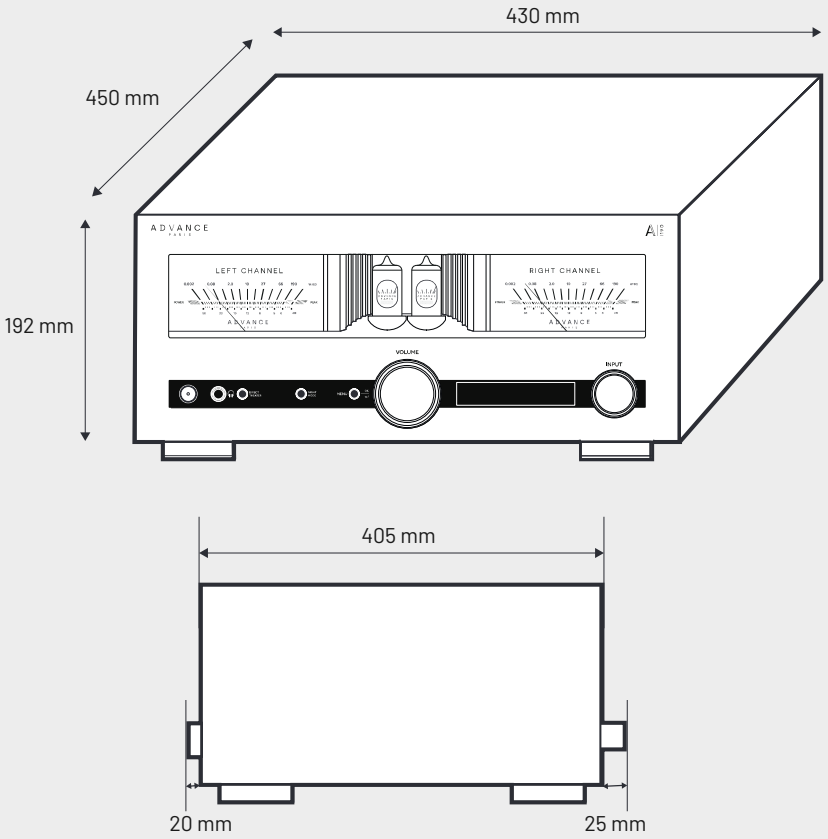
PACKAGING DIMENSIONS



PRODUCT WEIGHT



PRODUCT DIMENSIONS



Technical specifications

Max rated output power 8 Ω	195 W (THD+N 1%, 1 kHz, 2 channels driven)
Max rated output power 4 Ω	297 W (THD+N 1%, 1 kHz, 2 channels driven)
Output power 8 Ω (20 Hz - 20 kHz, THD+N below 0.07%)	185 W (2 channels driven)
Output power 4 Ω (20 Hz - 20 kHz, THD+N below 0.07%)	276 W (2 channels driven)
Frequency response	20 Hz > 80 kHz (43 W, 8 Ω)
Distortion	0.042% (1 kHz, 135 W, 8 Ω)
Signal-to-noise ratio	105.1 dB (1 kHz, 135 W, 8 Ω)
Mains voltage compatibility	115/230 V 50/60 Hz with switch
Transformer type / power	(2x) Toroidal / (2x) 280 VA
DAC / DSP	ESS9017S Multichannel / ADAU1452
Digital inputs	(3×) Optical: 24 bit - 192 kHz PCM (3×) Coaxial: 24 bit - 192 kHz PCM (1x) USB audio 24 bit / 192 kHz PCM - DSD64 - DSD128 - DSD256 HDMI eARC: Stereo PCM
A-BTC input	For A-BTC Bluetooth dongle (optional)
A-NTC input	For A-NTC network streamer (optional)
Analogue inputs	LINE level RCA (5x) - XLR (2x) - PHONO MM / MC level (1x) + GROUND
Analogue outputs	REC-OUT (x1), PRE-OUT (x1) RCA - (1x) XLR, SUB-OUT (x2)
Headphone output	6.35 mm jack
Speaker terminals	(2x) Screw terminals compatible with bare wire, spade connectors and banana plugs
Update / DSP	(2x) USB A
Remote control	Infrared, REM-21, compatible with A-i130 / A-i190
Trigger socket	(2x) Input and output, 12 V
Product dimensions (WxHxD in cm)	43 x 19,2 x 45,4
Packaging dimensions (WxHxD in cm)	54,5 x 29,5 x 53,5
Gross weight (kg) / Net weight (kg)	23,1 / 19
Model no.	A-i190 NOVA
EAN code	3 760 179 292 619 (grey) - 3 760 179 292 701 (black)