ADVANCE PARIS

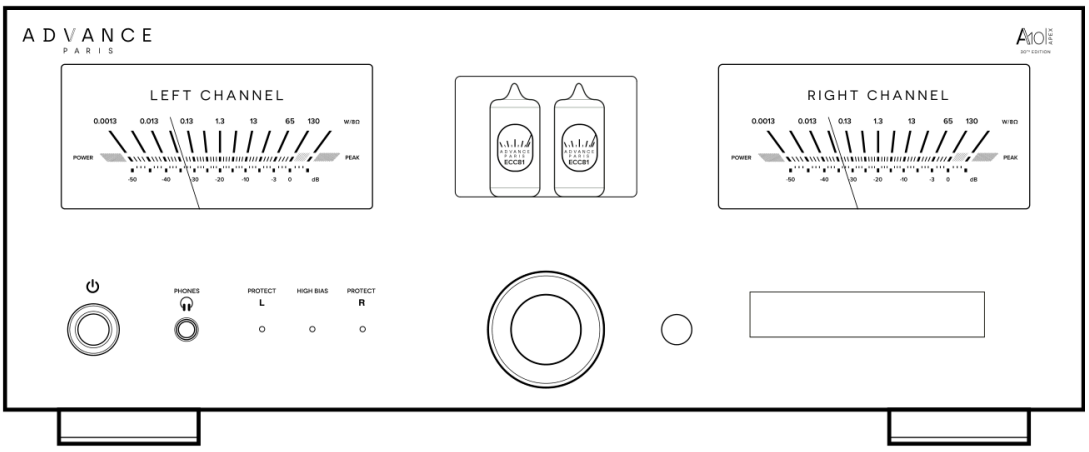
A10 APEX

30TH EDITION

HYBRID INTEGRATED AMPLIFIER

USER MANUAL

version 6 — October 2026



ENGLISH

User manual

The Advance Paris team warmly thanks you for choosing an A10 APEX amplifier.

The instructions in this manual apply to A10 APEX amplifiers updated with firmware version **MCU V1.6**. This update is also important for the A-BTC to work properly. See “Update”, page 56.

To enjoy its full performance and ensure optimal operation, please read this user manual carefully before using the amplifier for the first time.

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Box contents

Check that all the items below are present when you open the packaging.

A10 APEX amplifier

The unit itself, 30th Edition.

REM-19 remote control

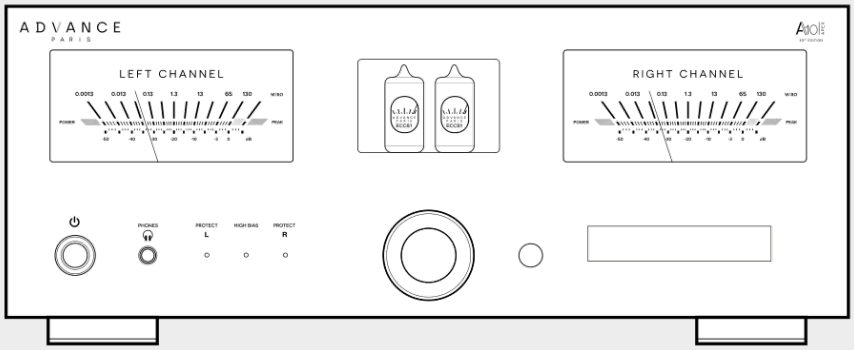
Infrared. AAA batteries not included.

Power cord

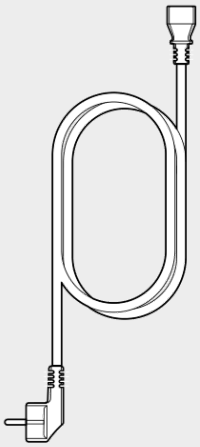
To be connected after checking the voltage.

Quickstart and safety instructions

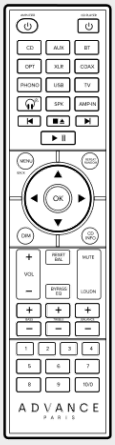
Quick start guide and safety instructions to read before use.



A10 APEX



Cordon d'alimentation



Télécommande REM-19



Quickstart

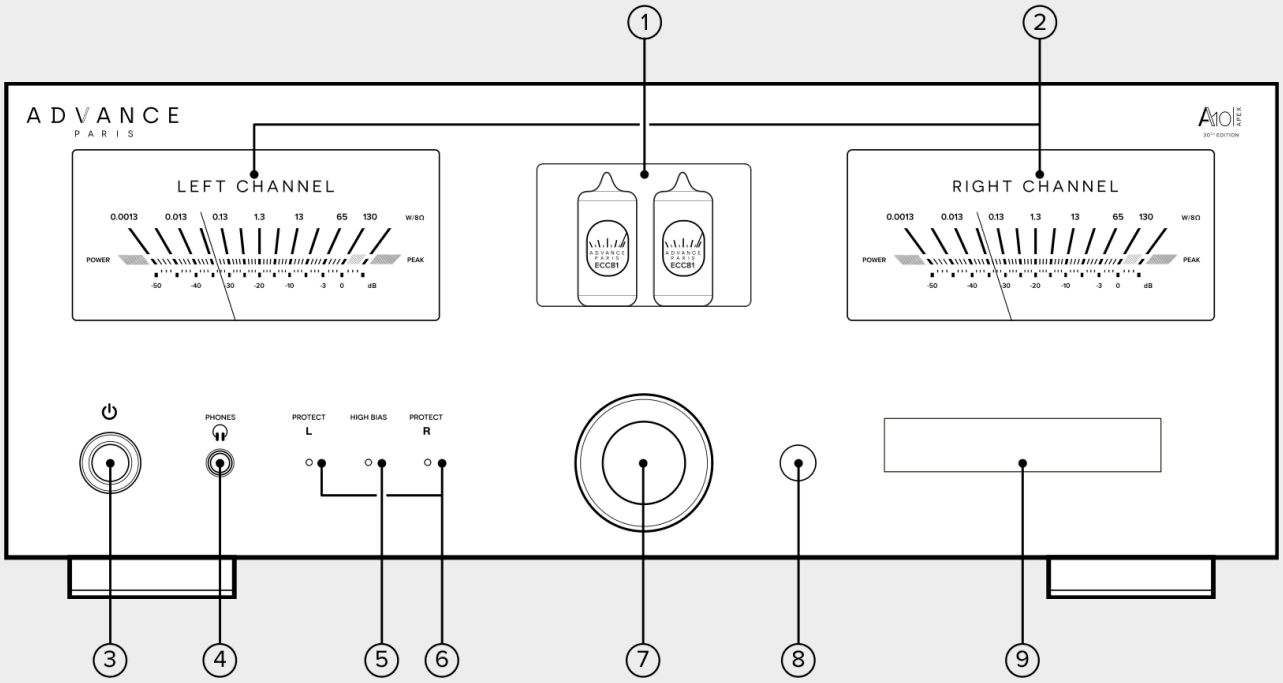


Description

Front panel 6
Rear panel 7
Remote control 8

Front panel

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



KEY

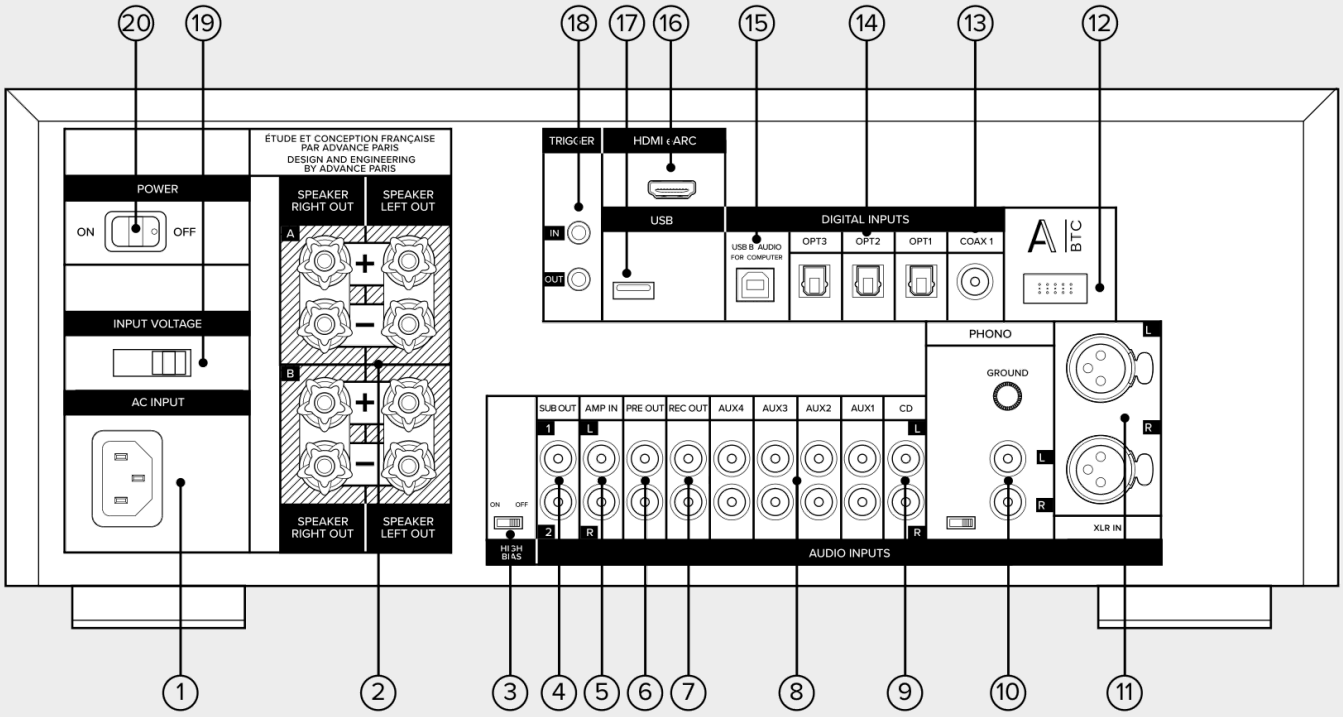
1	Tubes
2	VU meters
3	Standby button
4	6.35 mm headphone jack
5	High-Bias
6	Protection LEDs (Protect L and Protect R)
7	Multifunction knob (Volume / Input selection / Settings)
8	Infrared receiver
9	Display

Press the Multifunction knob for more than one second to access the various settings menus of your APEX amplifier.

Turn the Multifunction knob to scroll through the entries of the settings menu.

To enter a specific setting, press the Multifunction knob briefly. To return to the previous level, press and hold it.

Rear panel

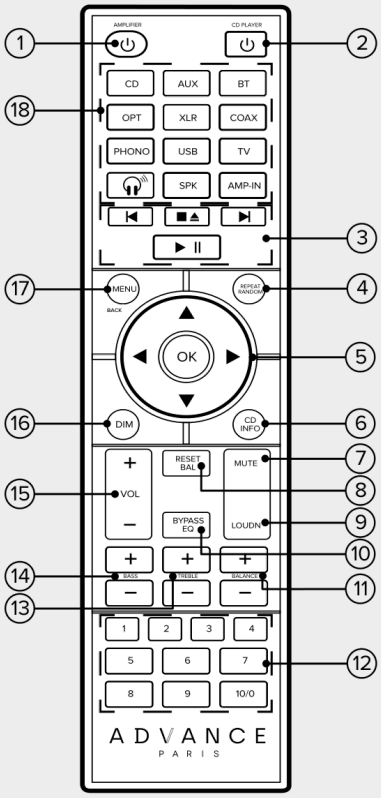


KEY

1	Mains socket
2	Terminal A / Terminal B
3	High-Bias setting
4	Subwoofer outputs (×2)
5	AMP-IN input
6	PRE-OUT output
7	REC-OUT output
8	AUX inputs (×4)
9	CD input
10	Phono MM input with ground and capacitance setting
11	XLR input
12	A-BTC input
13	Coaxial digital input (×1)
14	Optical digital inputs (×3)
15	USB port for computer
16	HDMI eARC
17	USB update port
18	Trigger IN / OUT
19	Voltage selector (115 – 230 V)
20	Mains switch

Remote control

REM-19

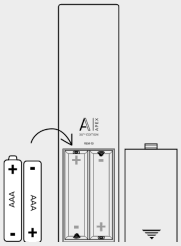


KEY

1	Power on / off
5	OK = select · Arrows = forward / back
7	Mute
8	Balance reset
9	Loudness
10	EQ bypass
11	Balance adjustment
13	Treble adjustment
14	Bass adjustment
15	Volume adjustment
16	Brightness adjustment
17	Menu
18	Source selection area

2 · 3 · 4 · 6 · 12 — buttons specific to the ACD APEX CD player

Range. About 6 m, within an angle of 30° on each side. The infrared receiver is located halfway between the volume knob and the display.



BATTERIES

Open the rear compartment and insert two AAA batteries, observing the polarity. Batteries are not included.

PRECAUTIONS

To avoid damaging the remote control or battery leakage, do not mix new and used batteries or different types of batteries. Remove them if the remote control will not be used for a long time. In the event of leakage, clean the compartment before inserting new batteries.

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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.

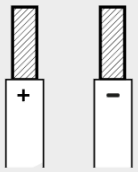
! Please connect all your sources BEFORE plugging the amplifier into the mains.

! Connecting sources while your amplifier is switched on may expose your speakers to a loud noise and cause your drivers to fail.

Speakers

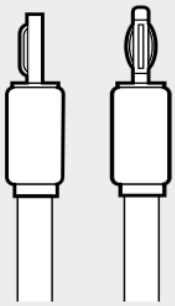
PREPARING THE CABLES

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



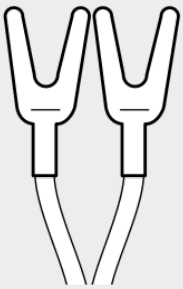
Bare wire

Strip 1 cm of the cable sheath. Unscrew the terminals until the holes through their shafts appear. Insert the bare wire and check that no copper strand touches the adjacent terminal.



Banana plugs

Remove the red and black caps in the centre of the terminals. Then insert your speaker cables, observing the polarity (red + and black –) and the sides (Left and Right).



Spade connectors

Unscrew each terminal and insert the spades. Then tighten the terminals again, making sure that the spades do not touch each other.

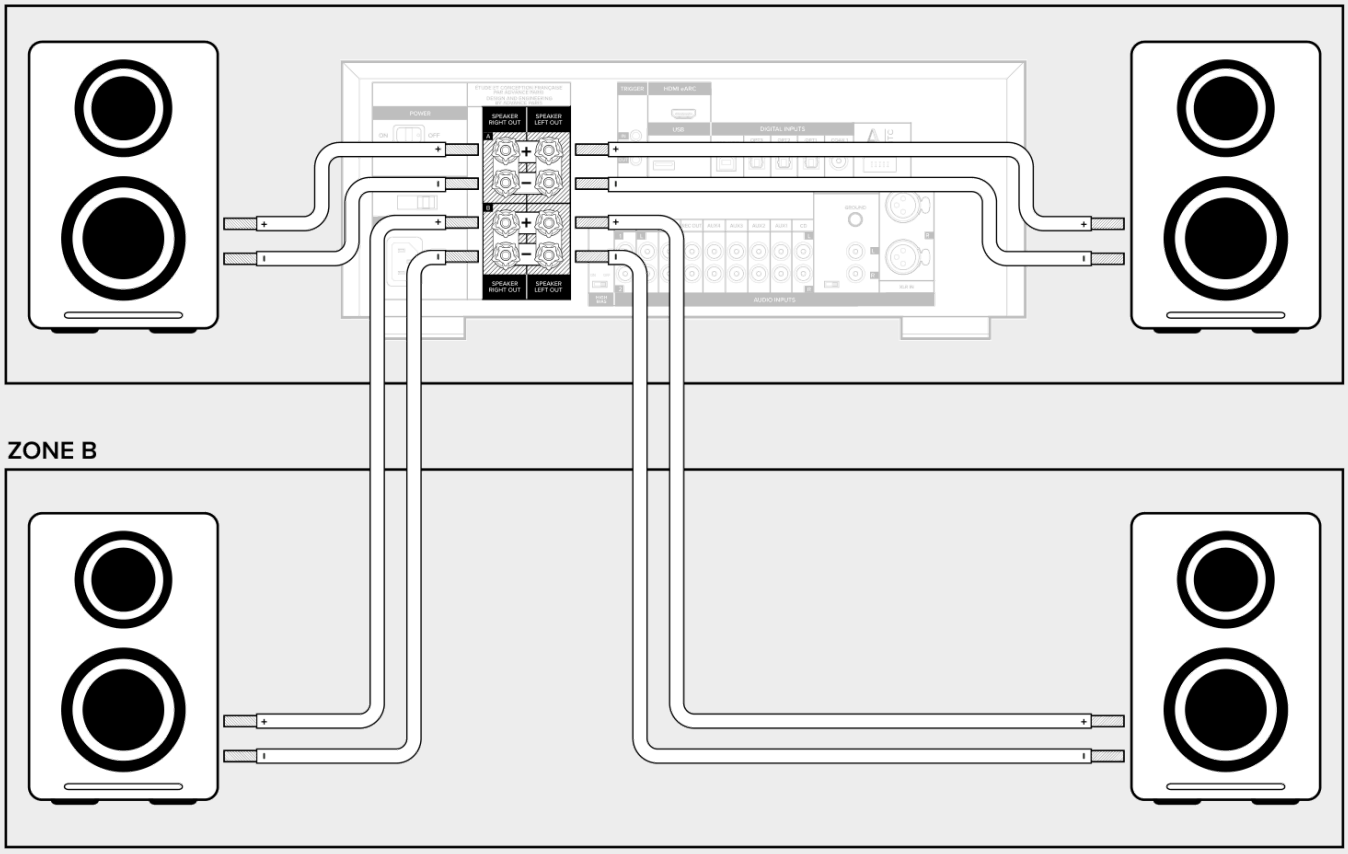
See “Output A and output B”, page 12.

Speakers

OUTPUT A AND OUTPUT B

Your amplifier can manage two different zones: output A and output B. These outputs carry the same signal. You can activate output A, output B or both outputs at the same time.

When using both outputs at the same time, make sure you connect speakers with an impedance of **8 Ω minimum**.



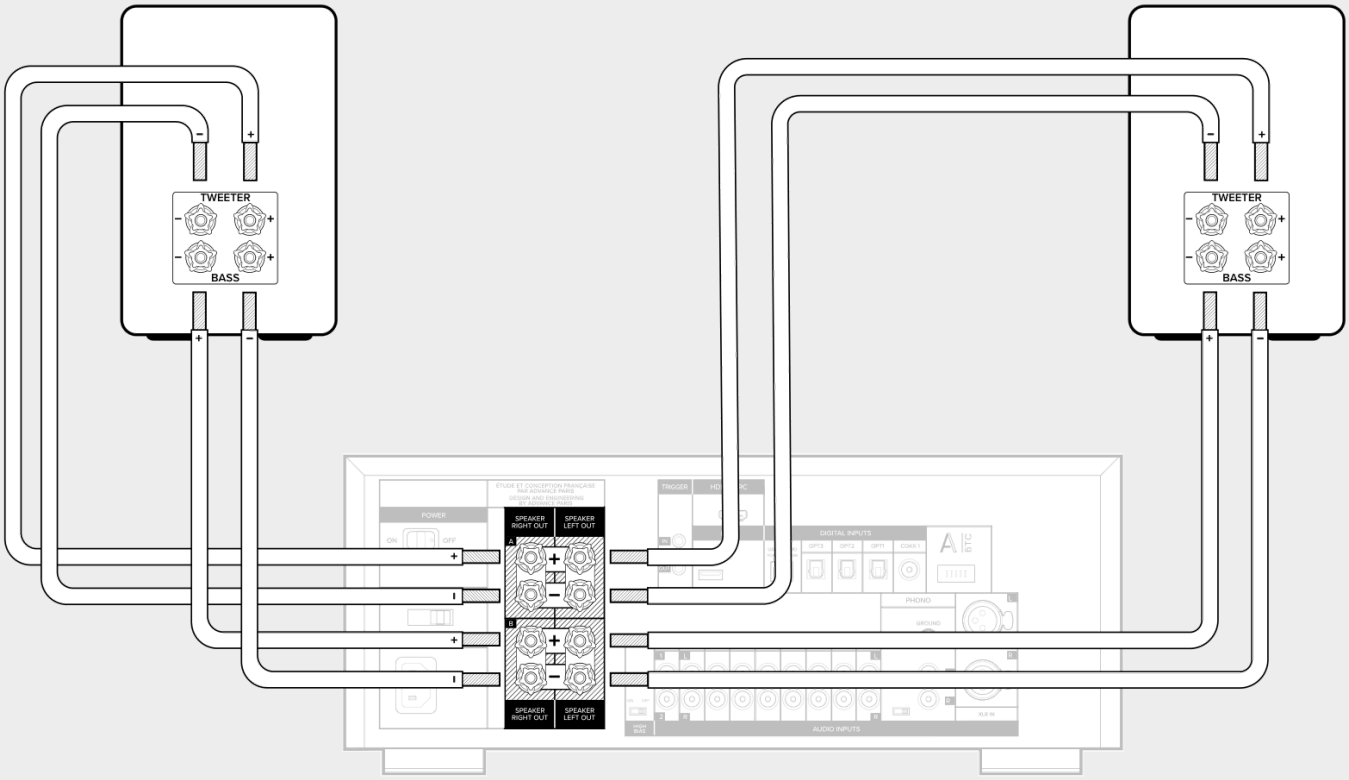
See “Settings” for configuring the speaker outputs, page 41.

Speakers

BI-WIRING CONNECTION

Some speakers can be bi-wired. You can bi-wire them by doubling the cables between your APEX amplifier and your speakers.

To do this, you can double the connections on terminal A (or terminal B) or use outputs A and B. You must also remove the jumpers on your speaker terminals (see your speaker manual).



See “Settings” for configuring the speaker outputs, page 41.

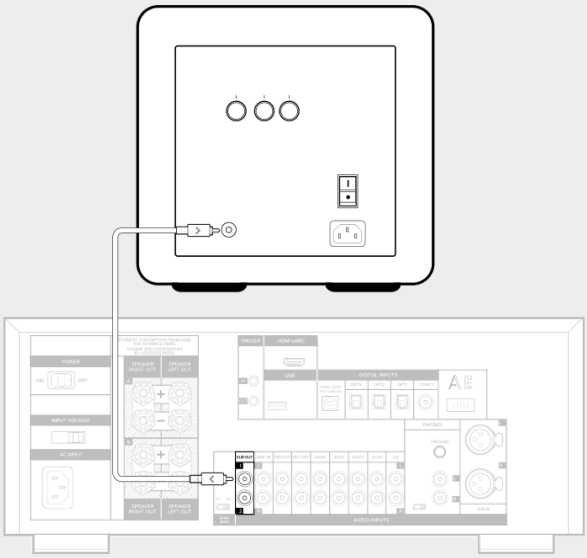
Subwoofer

CONNECTING SUBWOOFERS

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

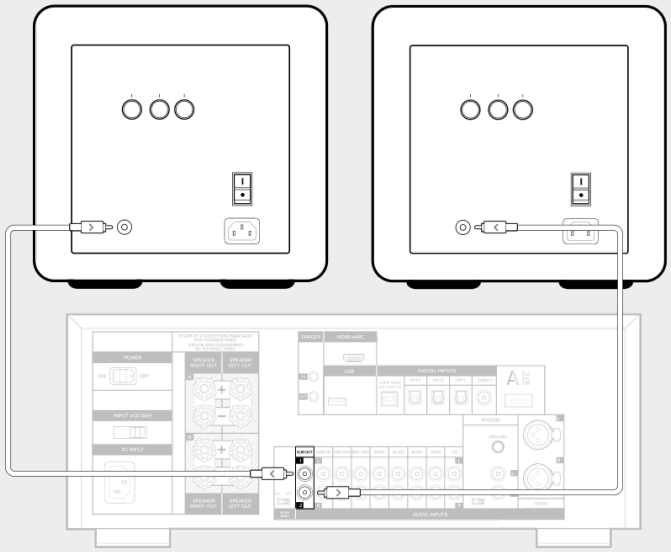
One subwoofer

You can use either output (1 or 2). Your amplifier must be set to MONO mode in the settings menu.



Two subwoofers

You can use them in MONO or STEREO. Output 1 corresponds to the left side (Left), output 2 to the right side (Right).



See “Settings” for configuring the subwoofer outputs, page 42.

Television

HDMI EARC SOCKET

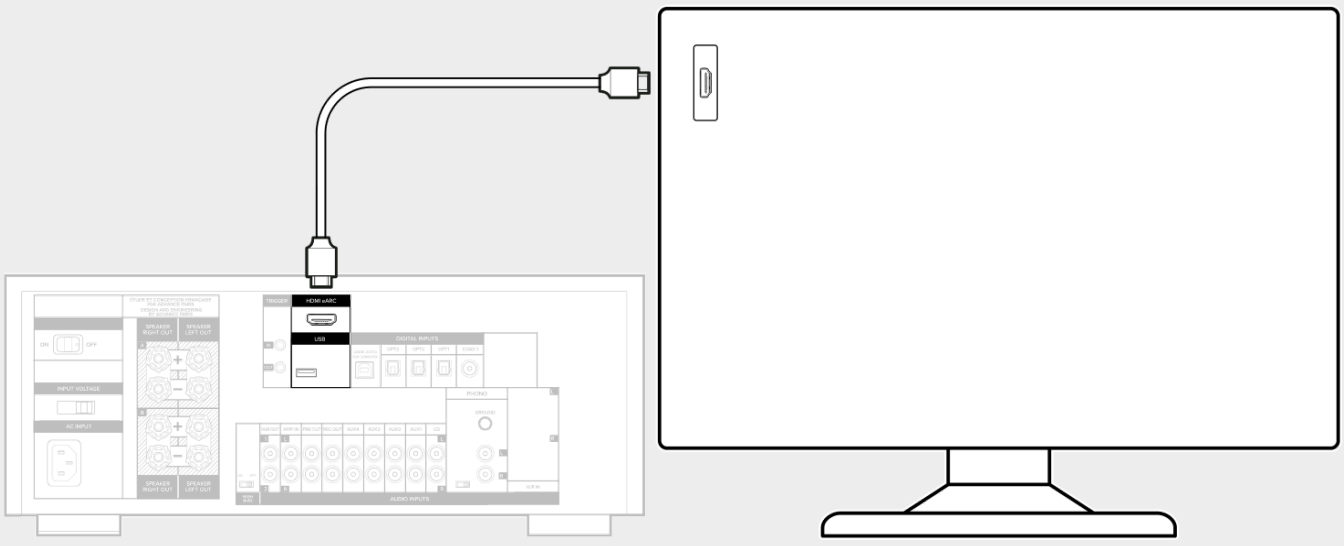
Your APEX amplifier greatly improves your listening experience by letting you use your speakers instead of your TV's built-in speakers when watching television.

To do so, simply connect an HDMI cable between your APEX amplifier and the HDMI ARC (or eARC) socket of your TV.

You can also use your TV remote control alone to control power-on, standby and the volume of the APEX amplifier.

Your APEX amplifier is compatible with **stereo** signals only (not multichannel).

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

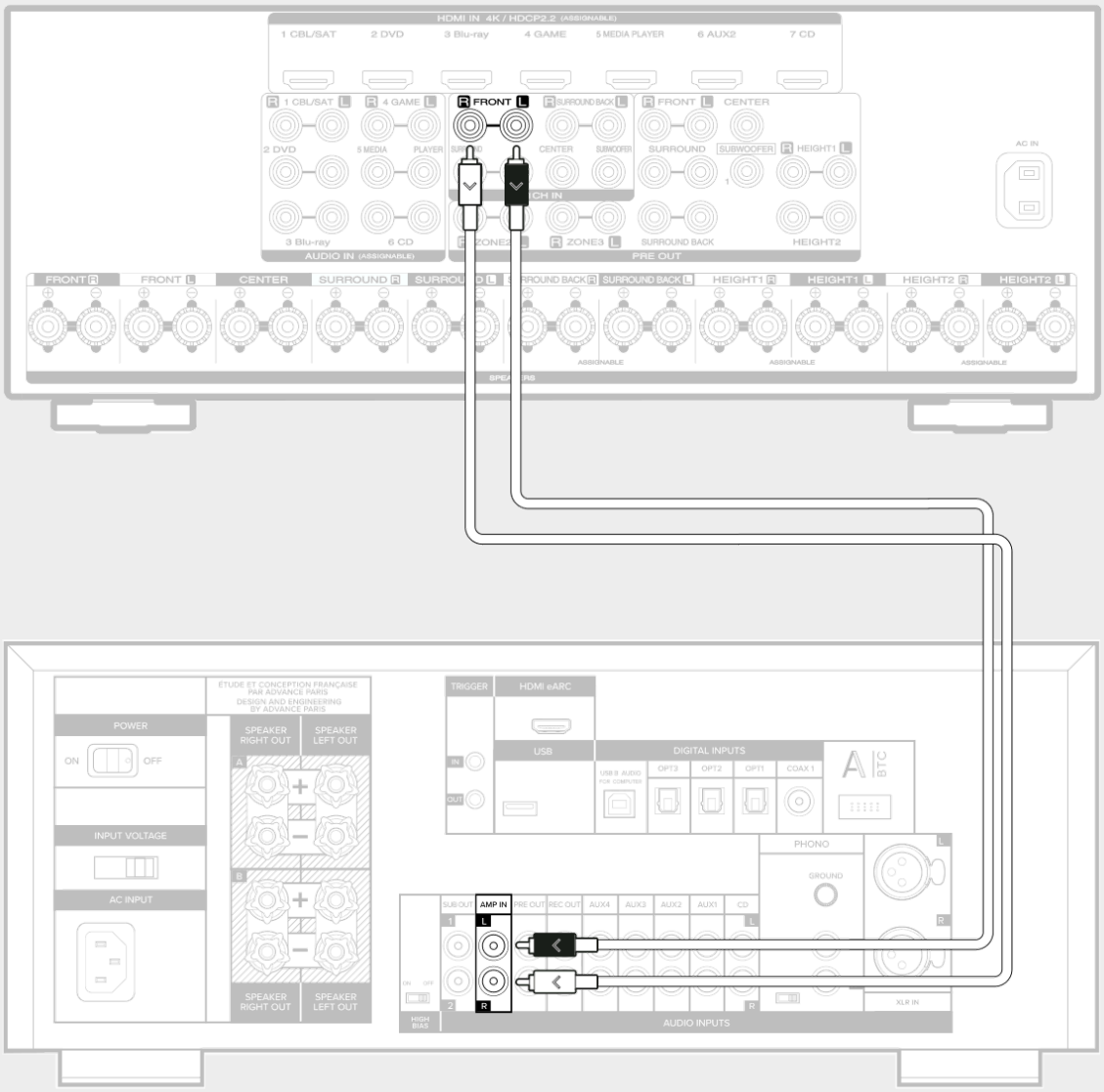


Home cinema

AMP-IN SOCKET

To use your APEX 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 APEX amplifier.

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



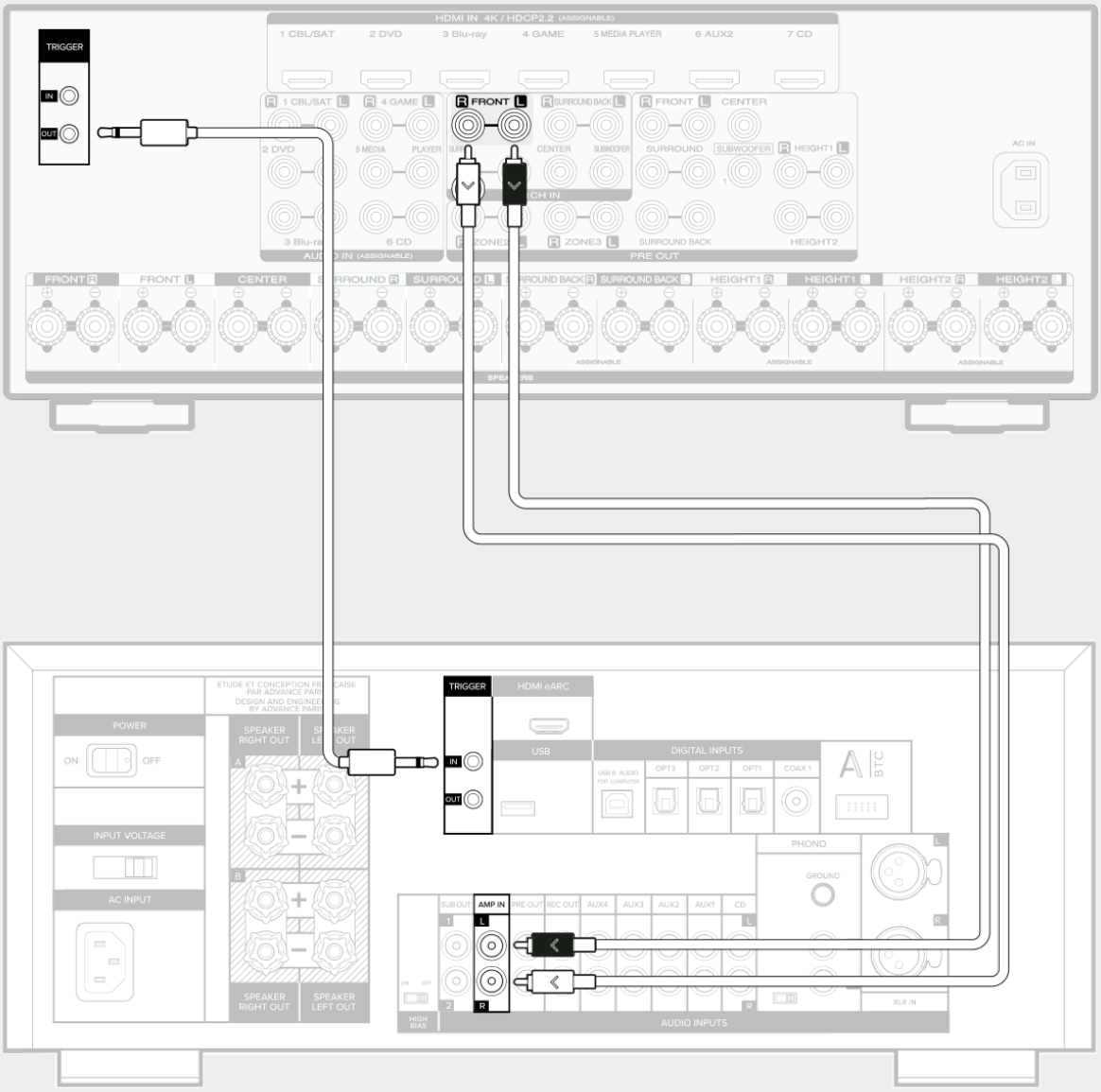
See “APEX as a power amplifier”, page 36.

Home cinema

TRIGGER IN SOCKET

When your APEX amplifier is used as a power amplifier connected to your home cinema receiver, you can automate the power-on and standby of the APEX amplifier with a 3.5 mm mono jack cable (not supplied) between the Trigger sockets of the two devices. First check that your home cinema receiver has this socket (see its manual).

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



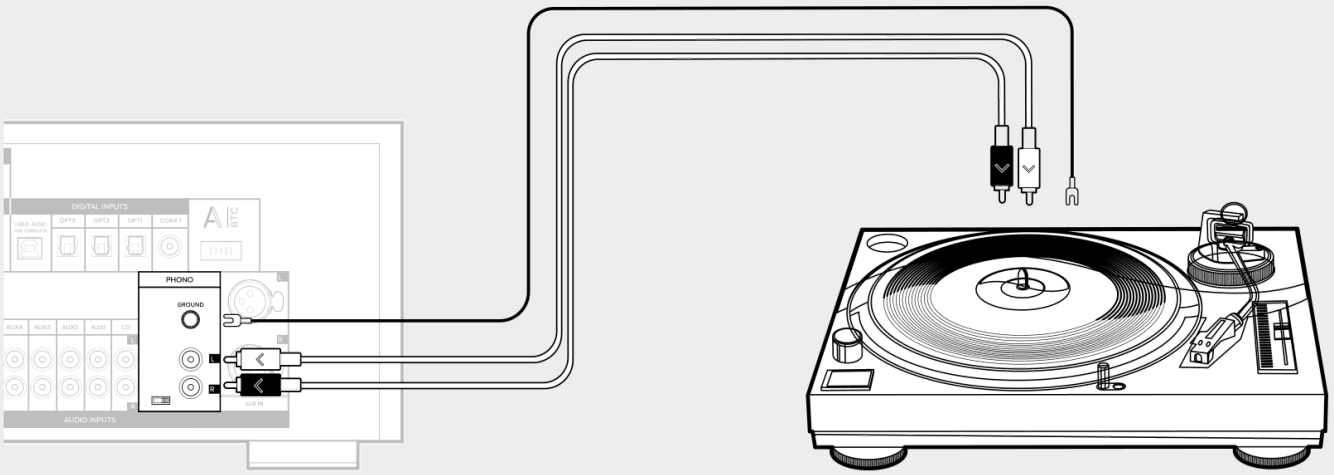
Turntable

PHONO SOCKET

To get the most out of your turntable, connect it directly to the Phono input of your APEX amplifier. This input is specially designed for moving magnet (MM) cartridges and includes the RIAA preamplifier needed to play vinyl records correctly.

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

Make the connections with the amplifier switched off. Connecting sources while your amplifier is switched on may expose your speakers to a loud noise and cause your drivers to fail.



See “Settings” for the capacitance setting of the Phono MM input, page 51.

Sources

ANALOGUE AND DIGITAL INPUTS

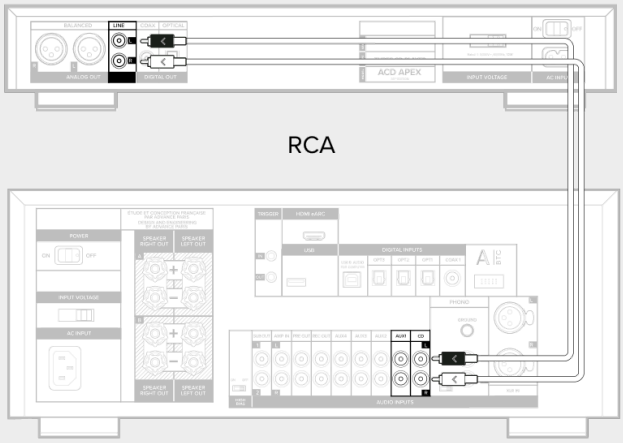
Analogue inputs

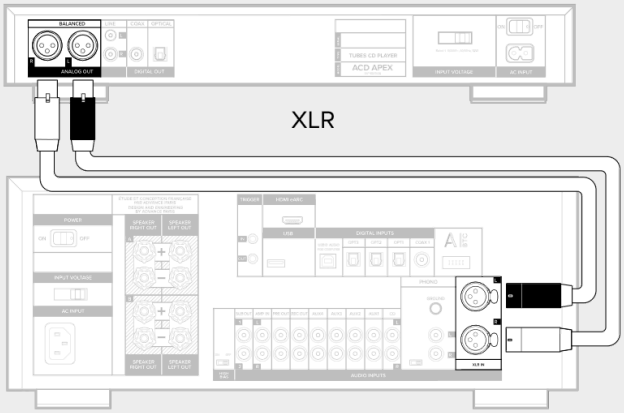
RCA — line level (AUX ×4, CD)
XLR — one balanced input

Digital inputs

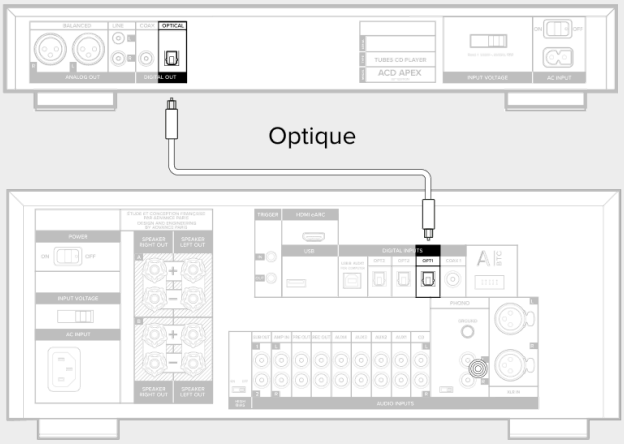
Optical — three TOSLINK inputs
Coaxial — one input

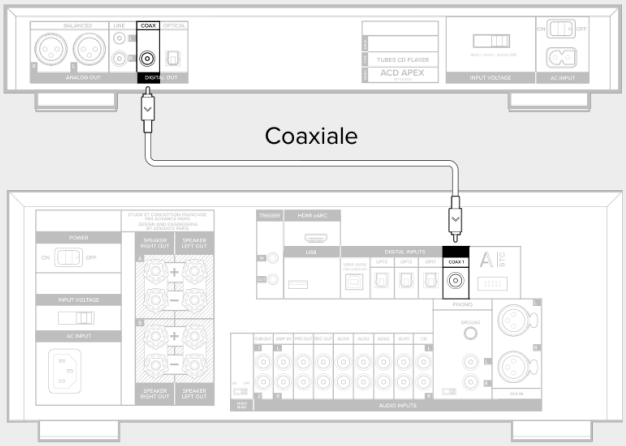
Do not connect any source to the AMP-IN input. This could cause a high sound level on your speakers and possible damage.





ENTRÉES NUMÉRIQUES



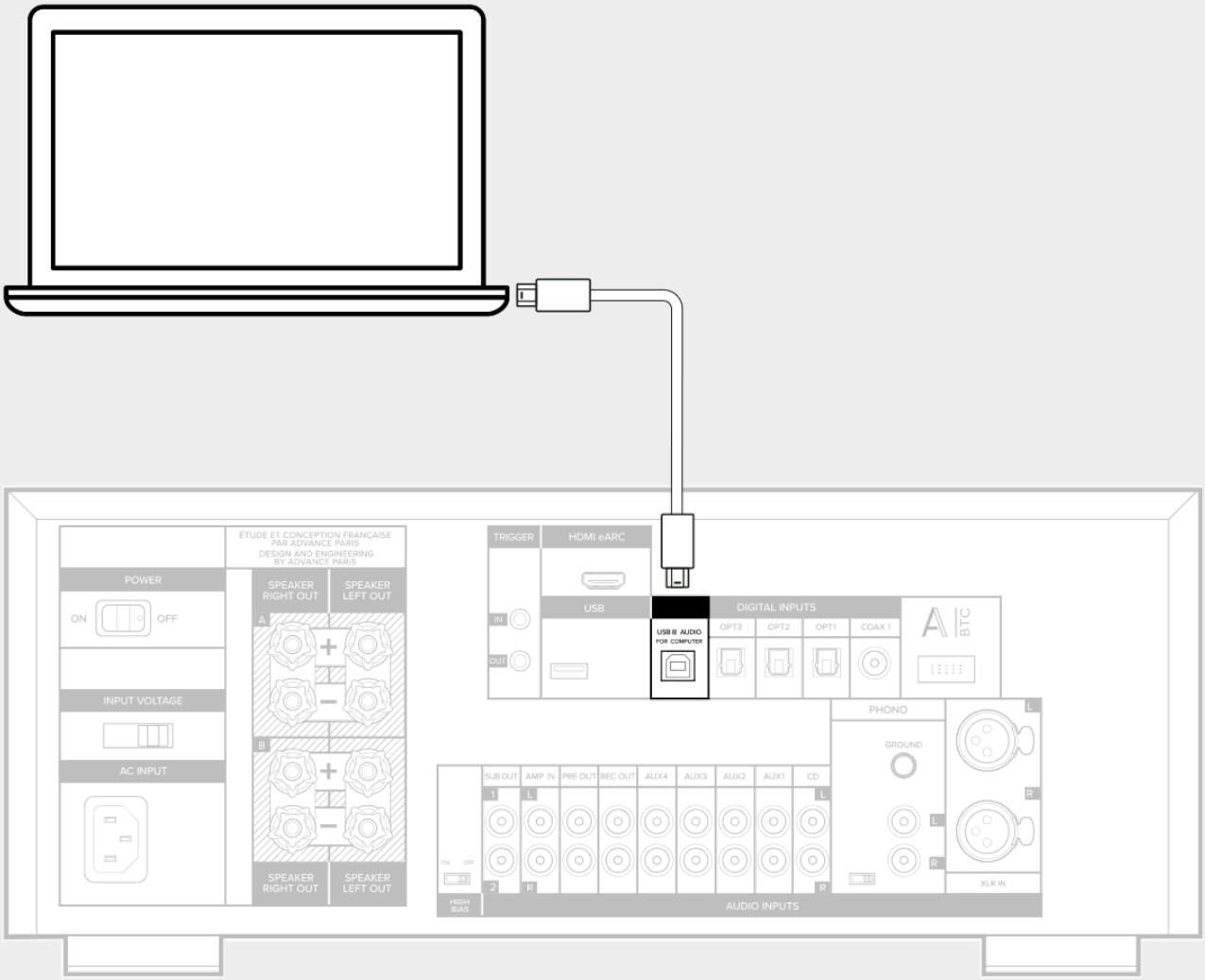


Computer

USB TYPE B INPUT

Compatible with Apple macOS and Windows 10 – 11, with no driver to install on your computer. USB 2.0 specification up to 24-bit / 192 kHz. Compatible with DSD64, DSD128 and DSD256.

Select the Advance Paris audio output in the sound card settings of your computer.

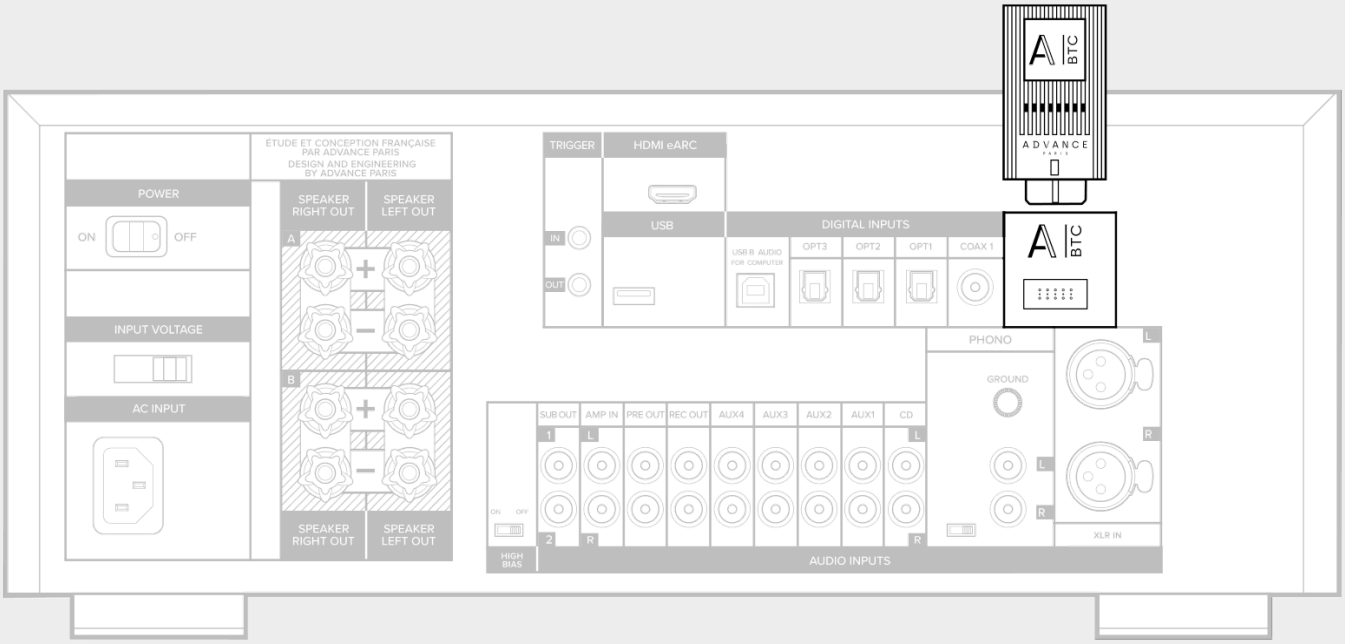


Bluetooth

A-BTC AUDIO INPUT

To connect a Bluetooth source or Bluetooth headphones to your APEX amplifier, you need the Advance Paris A-BTC (optional). The A-BTC plugs into the dedicated socket on the rear panel of your APEX amplifier.

Insert the A-BTC with the amplifier switched off, mains switch set to OFF. The A-BTC is LDAC compatible: the MCU V1.6 update of the A10 APEX is required for this protocol to be shown correctly on the display.

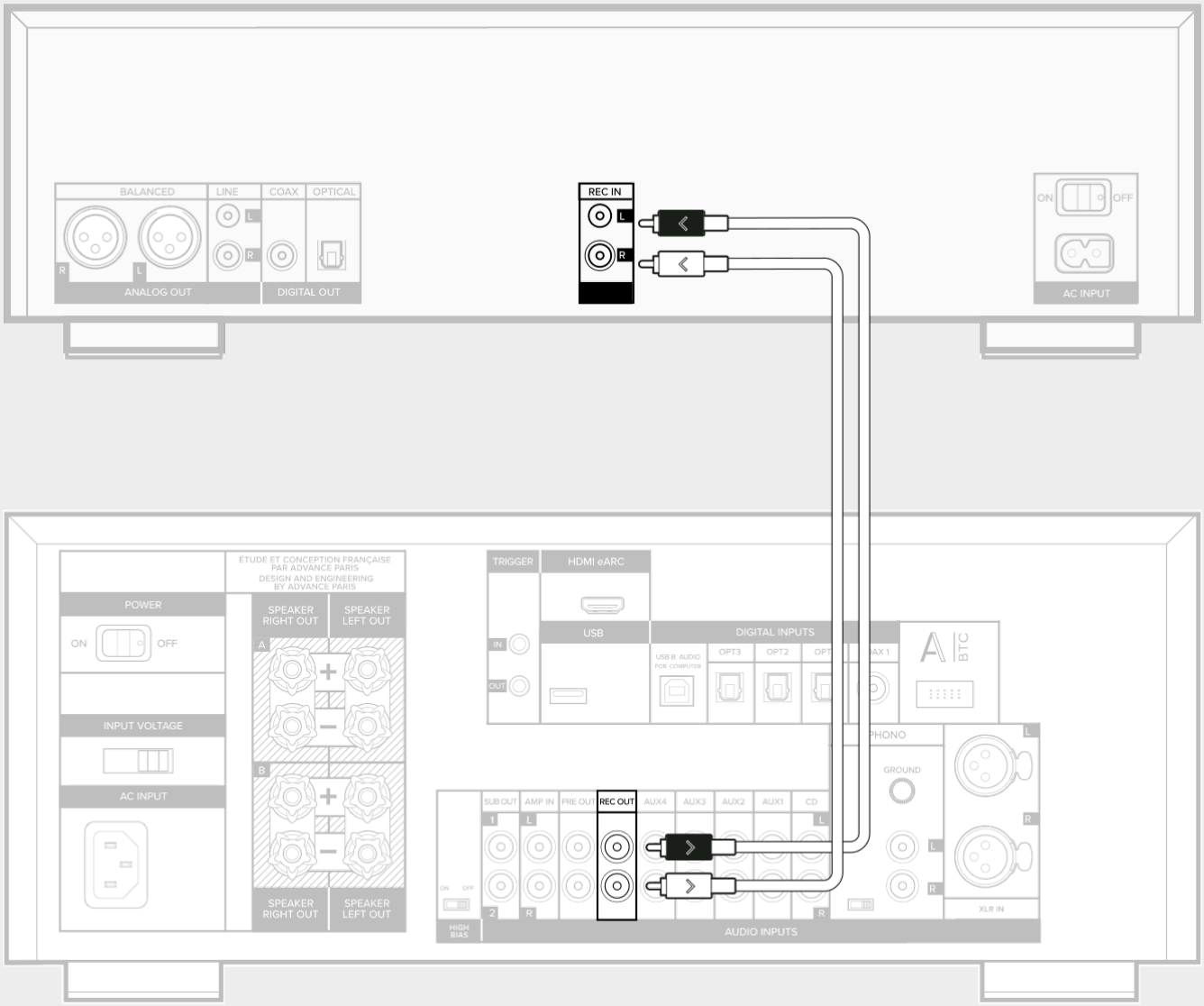


See “Use” for more details, pages 33 and 34.

Recording device

REC-OUT SOCKET

You can connect a recorder to the REC-OUT socket on the rear panel.

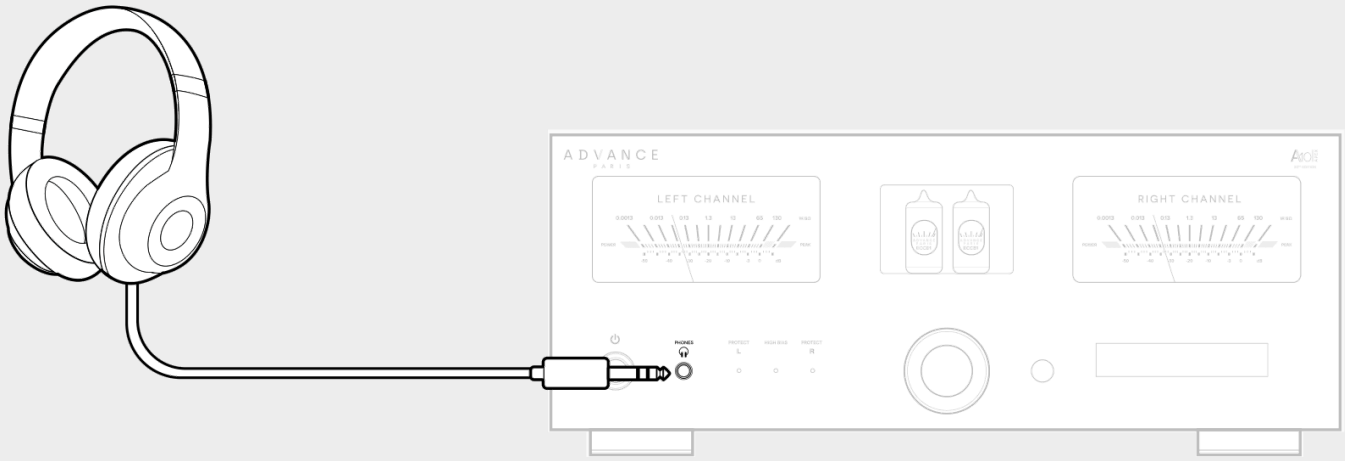


Wired headphones

6.35 MM SOCKET

Plug your wired headphones into the 6.35 mm socket on the front panel of the APEX amplifier.

The speaker outputs are automatically muted when headphones are plugged into the front panel.



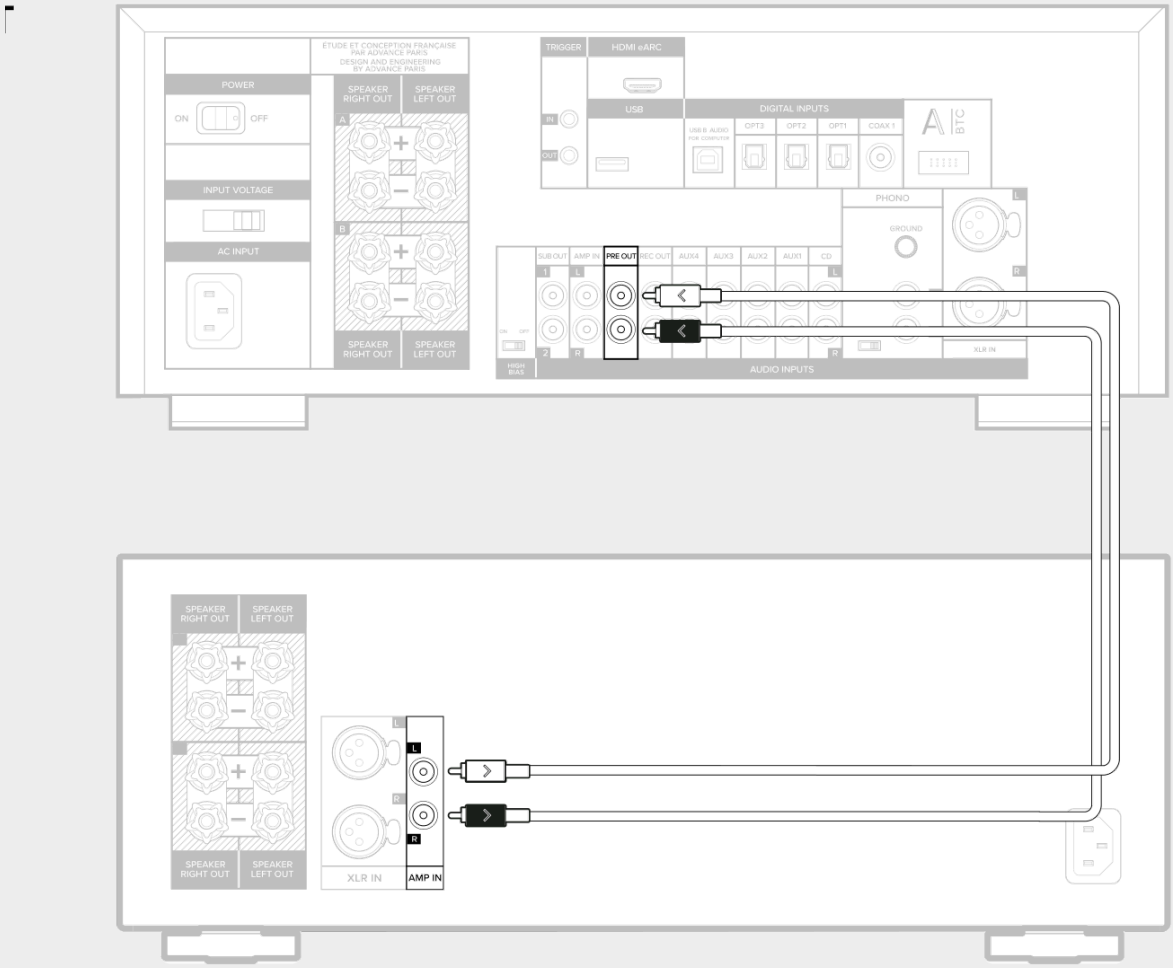
External amplifier

PRE-OUT SOCKET

You can connect a mono or stereo power amplifier to your APEX amplifier. Depending on your speakers, this can give you more power.

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

Your speakers will be connected to your external power amplifier, not to your APEX amplifier.

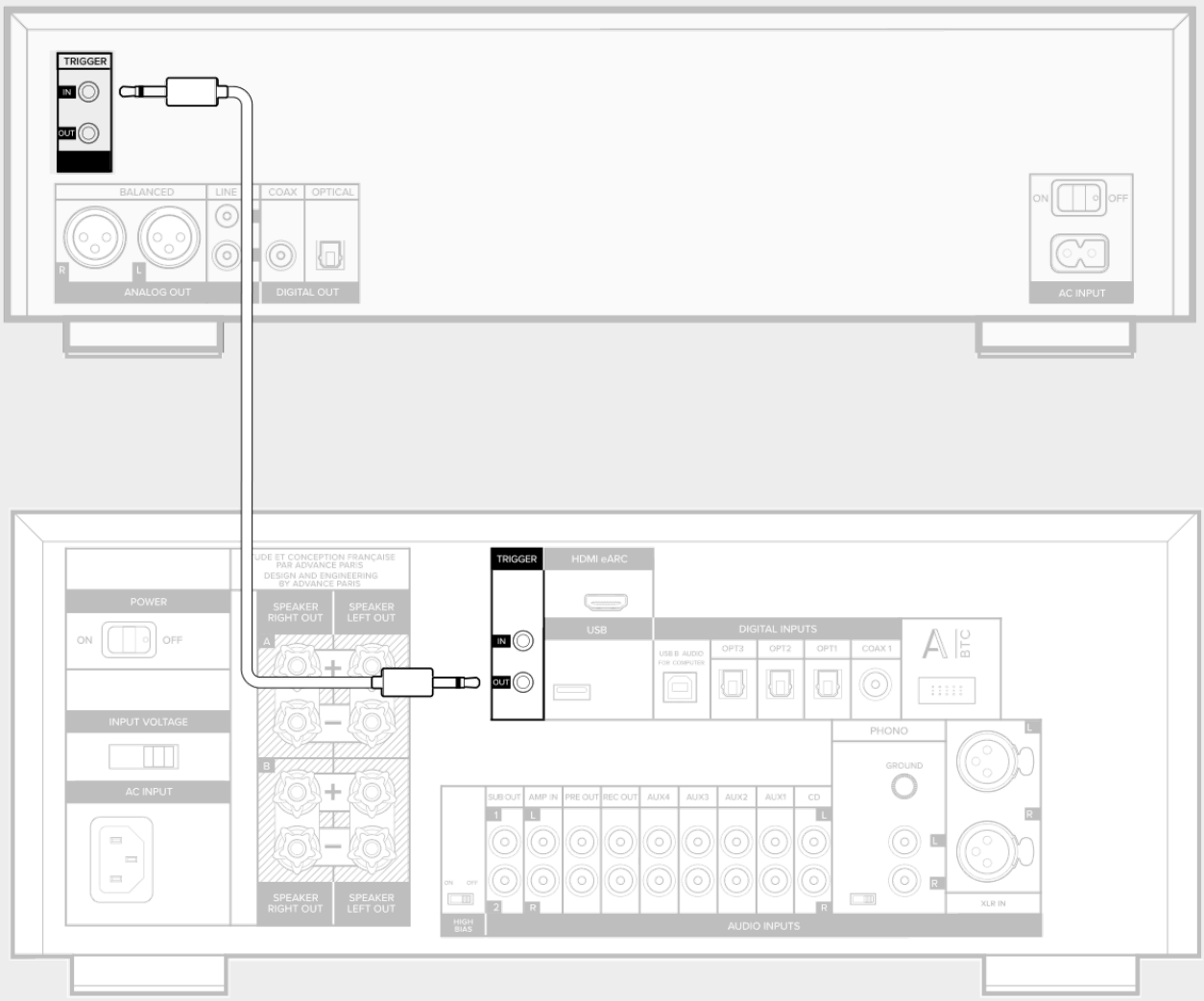


Simultaneous power-on

TRIGGER OUT SOCKET

You can switch on another product when your APEX amplifier is switched on. This product must have a Trigger IN socket.

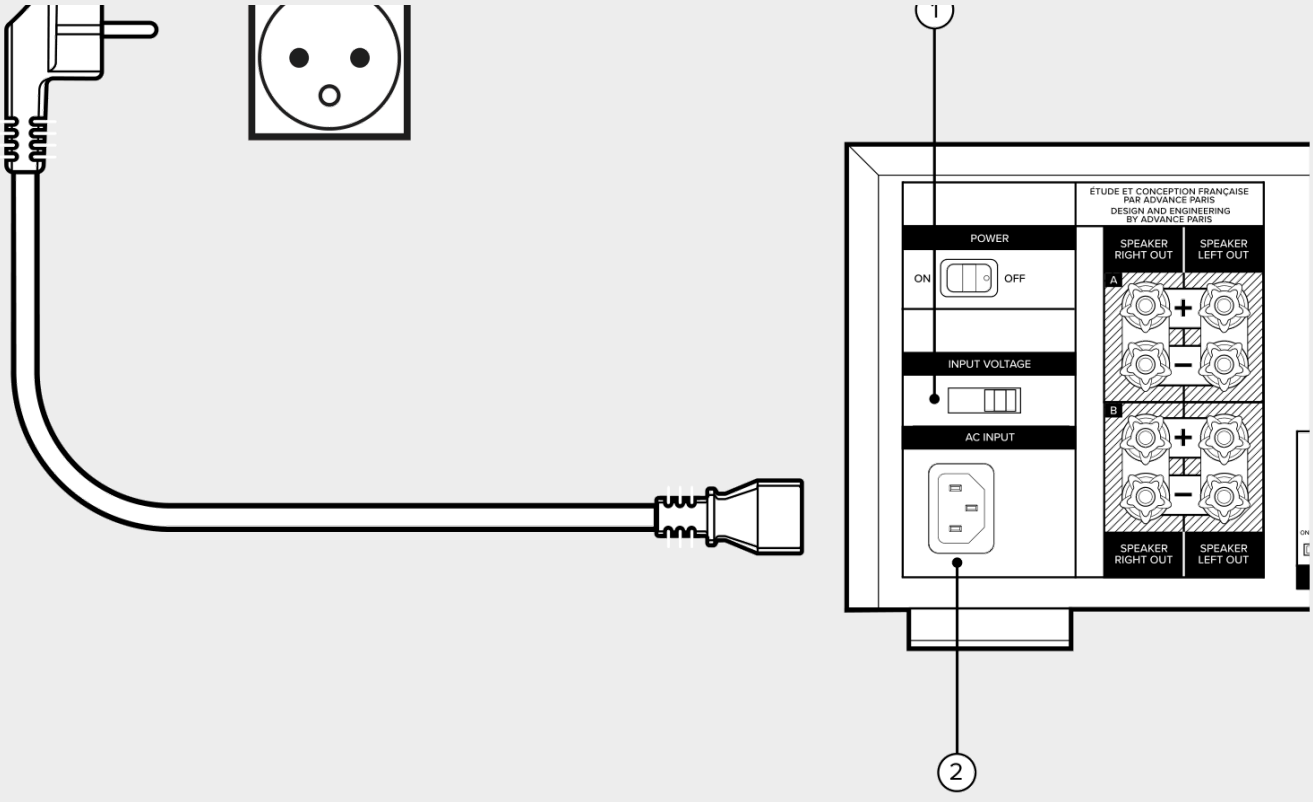
Connect a 3.5 mm mono jack cable (not supplied) between the Trigger OUT socket of the APEX amplifier and the Trigger IN socket of your product.



Power cord

Caution. It is important to check the voltage setting (1) before connecting the power cord (2). If you do not, and you power the amplifier with an incorrect voltage, you may damage your APEX amplifier.

1. Voltage check: the 115 – 230 V selector must match the mains voltage in your country.
2. Connection of the power cord to the mains socket of the amplifier.



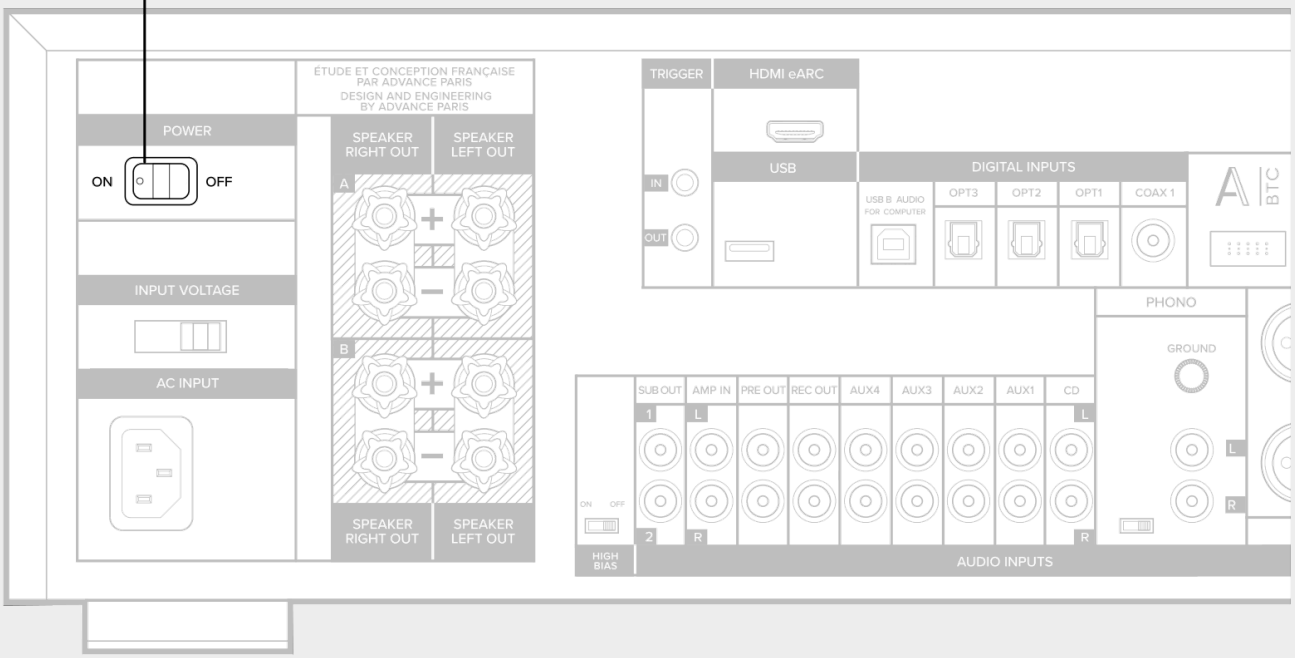
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Powering on

REAR SWITCH

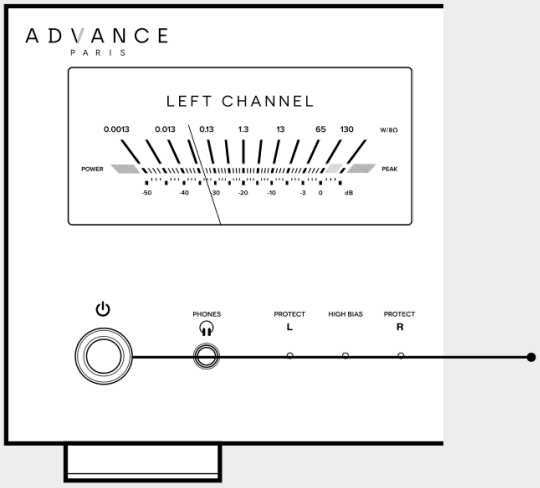
To use your APEX amplifier, set the mains switch on the rear panel to **ON**.



Switching on

FRONT BUTTON OR REMOTE CONTROL

Warm-up. Your APEX amplifier uses audio tubes. A 30-second warm-up period is required; during this time, your amplifier produces no sound.



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



Source selection

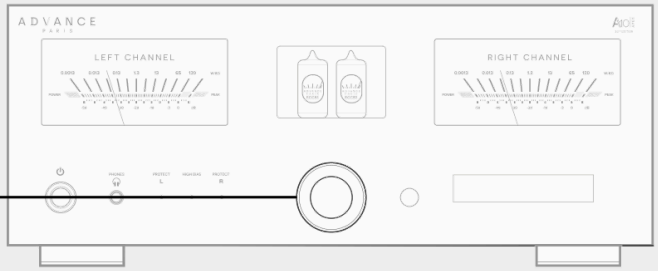
REMOTE CONTROL OR MULTIFUNCTION KNOB

Your APEX amplifier has many inputs on its rear panel.



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

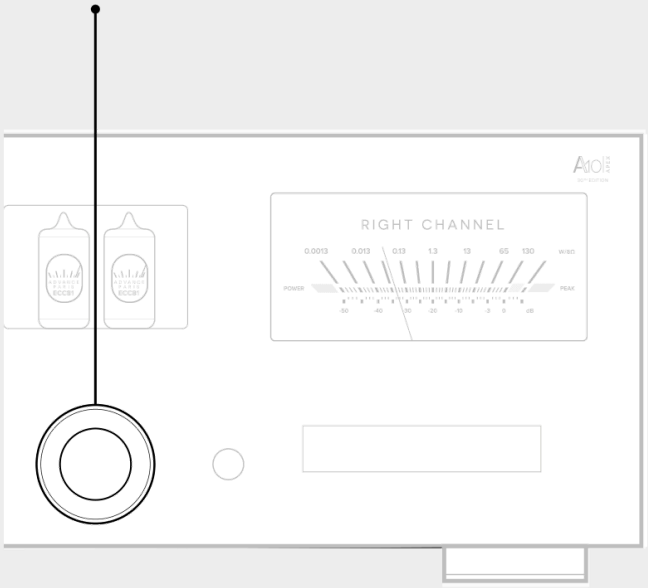
You can also use the multifunction knob. A long press displays the input choice: analogue, digital, Bluetooth, HDMI ARC (TV), USB audio. Turn the knob, then confirm with a short press.



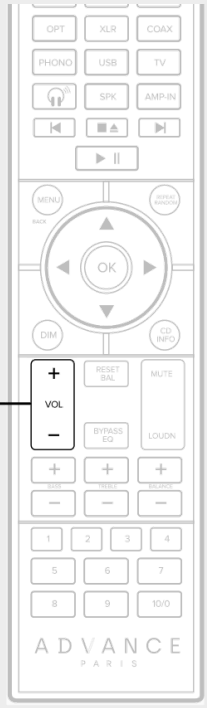
Volume adjustment

FRONT BUTTON OR REMOTE CONTROL

You can change the volume by turning the multifunction knob on the front panel: clockwise to increase it, anticlockwise to decrease it.

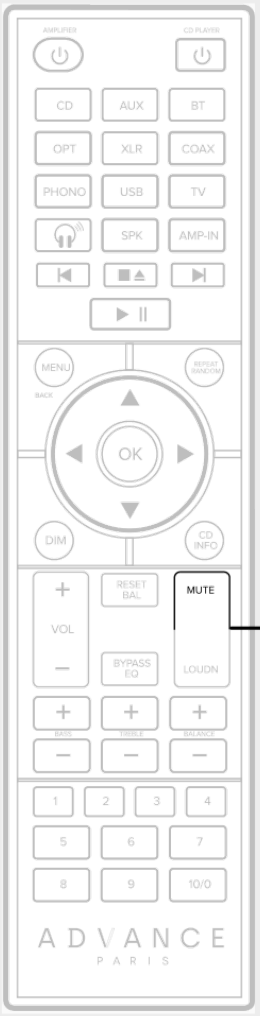


You can also use the “Vol +” and “Vol –” buttons on the remote control. Holding them down changes the volume quickly.



Mute

REMOTE CONTROL



Pressing the “MUTE” button on the remote control cuts the sound completely.

Press “MUTE” again to return to the original level. The “Vol +” or “Vol –” buttons also cancel the “MUTE” function.

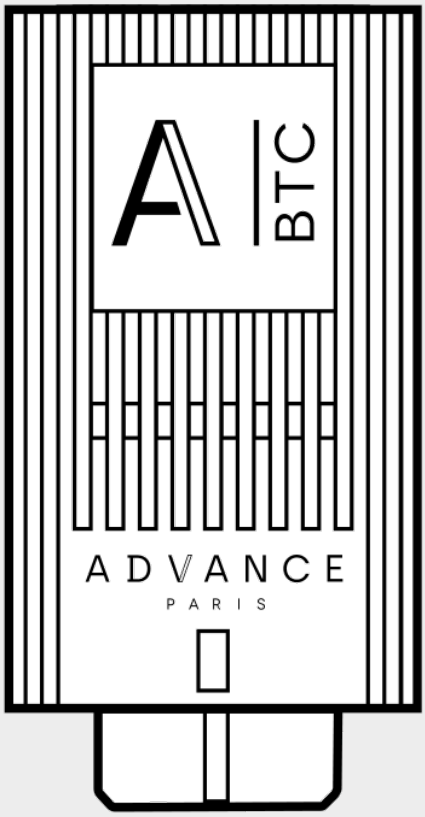
Bluetooth devices

WITH THE A-BTC MODULE

Switch on your APEX 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 stream music to your amplifier. First check that the volume of your Bluetooth source and that of your amplifier are not set too high.

LDAC. The A-BTC is compatible with the LDAC protocol. For LDAC to be shown correctly on the A10 APEX display, your amplifier must be updated with firmware MCU V1.6. See “Update”, page 56.



Bluetooth headphones

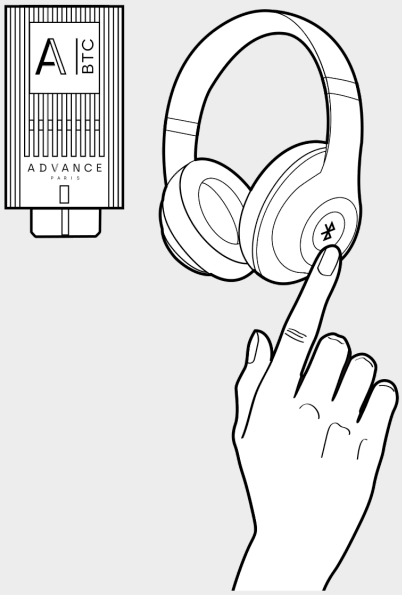
WITH THE A-BTC MODULE

With the Advance Paris A-BTC module (optional), your APEX amplifier can send the sound to Bluetooth headphones (not supplied), so you can listen to music without disturbing those around you. The 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 and start the pairing procedure on your headphones (see the manufacturer's manual). After 30 seconds, your headphones and the A-BTC connect.

Volume. It is adjusted directly on the headphones. The remote control and the multifunction knob only change the speaker volume.

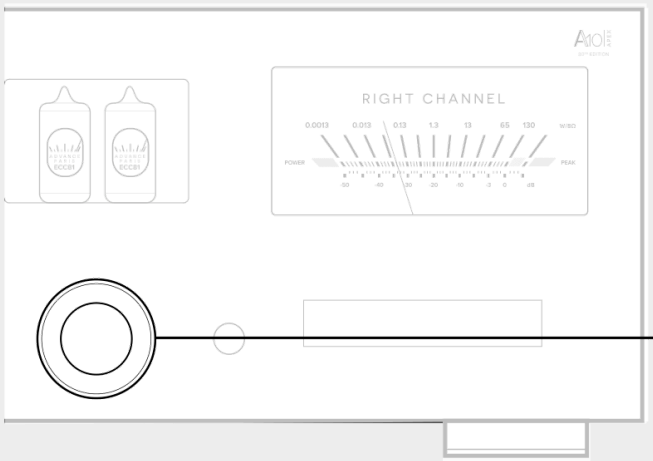
Limitation. The Bluetooth input cannot be sent to Bluetooth headphones. In this case, connect your source directly to your headphones.



You can choose whether or not to mute the speakers while using the headphones. See page 43.

Television as a source

FRONT BUTTON OR REMOTE CONTROL





Once the HDMI cable is connected between your APEX amplifier and the TV, select the TV input with the remote control or via the amplifier's settings menu (HDMI ARC input).

APEX as a power amplifier

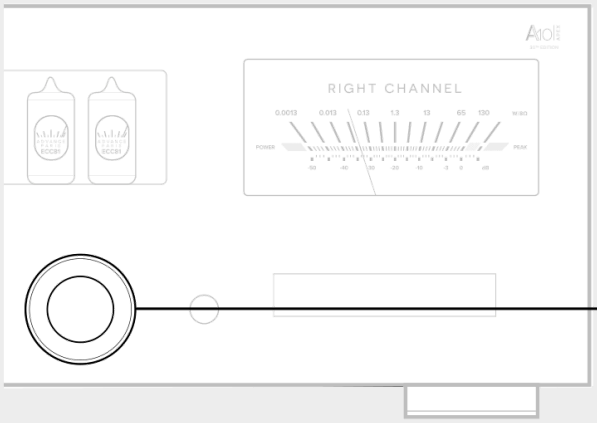
AMP-IN INPUT



Select the AMP-IN input on your APEX amplifier with the remote control.

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

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

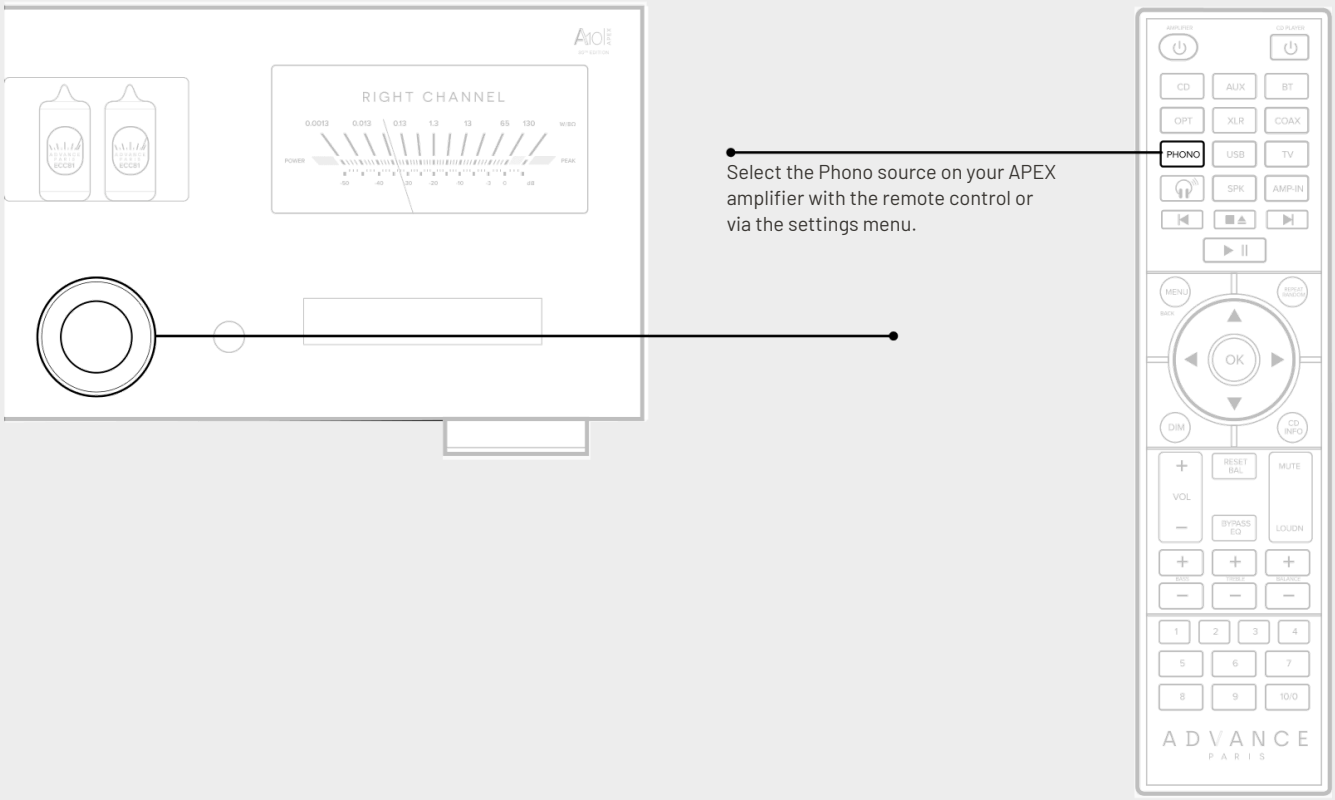


AMP-IN mode can also be activated via the settings menu:
MENU / SYSTEM SETTING / AMP IN / ON

We recommend carrying out an acoustic calibration of the complete system using your home cinema receiver's procedure, to balance the level of all the speakers. See your home cinema receiver's manual.

Turntable

PHONO INPUT



Select the Phono source on your APEX amplifier with the remote control or via the settings menu.

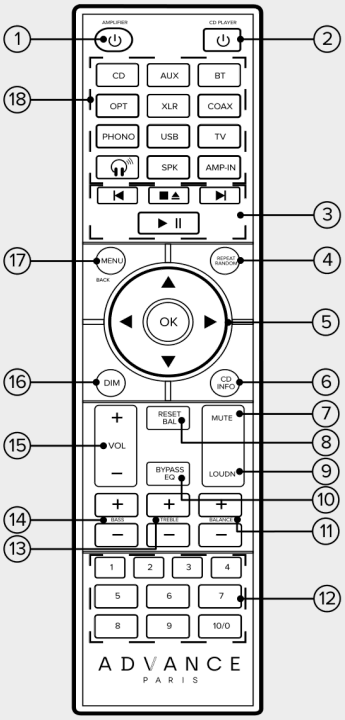
See “Capacitance”, page 51.

Settings

Settings menu — remote control 39
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Speaker output (A / B) 41
Subwoofer output 42
Speakers and Bluetooth headphones 43
Bluetooth output setting with the A-BTC 44
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Settings menu

WITH THE REMOTE CONTROL



MENU

Press the “MENU” button on the remote control to access the various settings menus of your APEX amplifier.

Back

To return to the previous level, press the “MENU” button briefly.

Arrows

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

OK

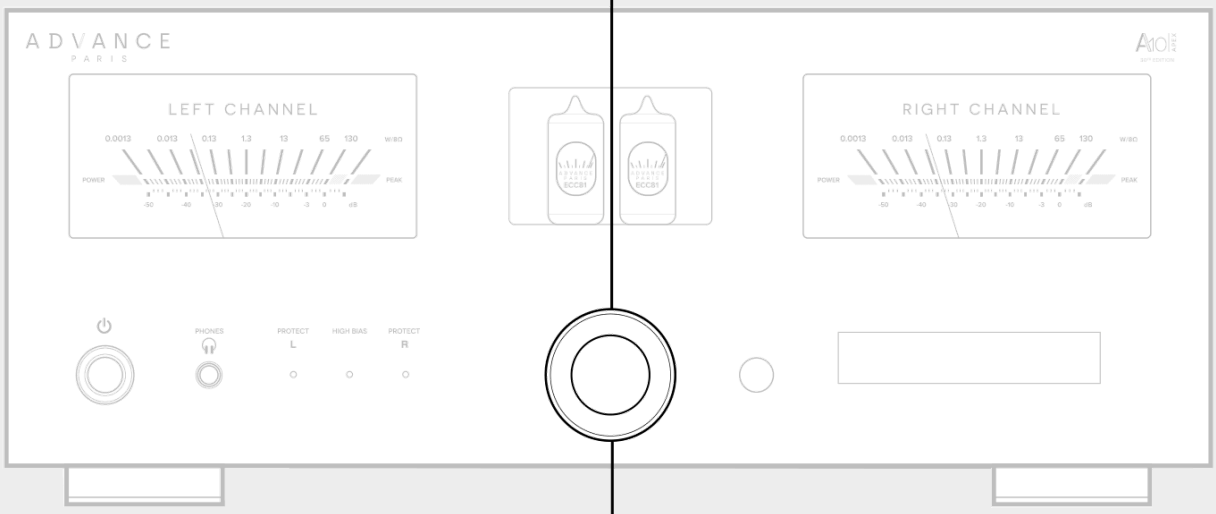
To enter a specific setting, briefly press the central “OK” button.

Settings menu

WITH THE MULTIFUNCTION KNOB

Access. Press the multifunction knob for more than one second to access the various settings menus of your APEX amplifier.

Browse. Turn the multifunction knob to scroll through the entries of the settings menu.



Enter. Briefly press the multifunction knob to enter a specific setting.

Back. Press and hold the multifunction knob to return to the previous level.

Speaker output (A / B)

PRODUCT DISPLAY

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

MENU / SYSTEM SETTINGS / SPEAKER / SPEAKER A · SPEAKER B · SPEAKER A+B · SPEAKER OFF

This setting is stored in memory. It does not need to be repeated each time you switch on.

See “Speakers”, page 12.

Subwoofer output

PRODUCT DISPLAY

To configure the output mode of the subwoofers, go to the following menu:

MENU / SYSTEM SETTINGS / SUB MODE / MONO · STEREO

Filtering

Both subwoofer outputs are low-pass filtered at 200 Hz, with a slope of 12 dB per octave, Q = 0.7.

On the subwoofer

The volume and crossover frequency are set on the rear panel of the subwoofer.

See “Subwoofer”, page 14.

Speakers and Bluetooth headphones

PRODUCT DISPLAY

When using Bluetooth headphones, you can choose whether or not to mute the speakers. If the speakers stay on, the volume can differ between the headphones and the speakers, which can help someone who needs a high volume in the headphones.

MENU / SYSTEM SETTINGS / BLUETOOTH OUT / SPK MUTE / SPK MUTE ON · SPK MUTE OFF

SPK MUTE ON

The speakers are inactive while the Bluetooth headphones are in use.

SPK MUTE OFF

The speakers remain active while the Bluetooth headphones are in use.

When the speakers remain active, there will be a delay between the sound from the speakers and the sound sent to the Bluetooth headphones. See “Bluetooth output setting with the A-BTC”, page 44.

See “Bluetooth headphones”, page 34.

Bluetooth output setting with the A-BTC

PRODUCT DISPLAY

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

MENU / SYSTEM SETTINGS / BLUETOOTH OUT / PROTOCOL / QUALITY · LOW LATENCY

QUALITY

Recommended for hi-fi listening.

LOW LATENCY

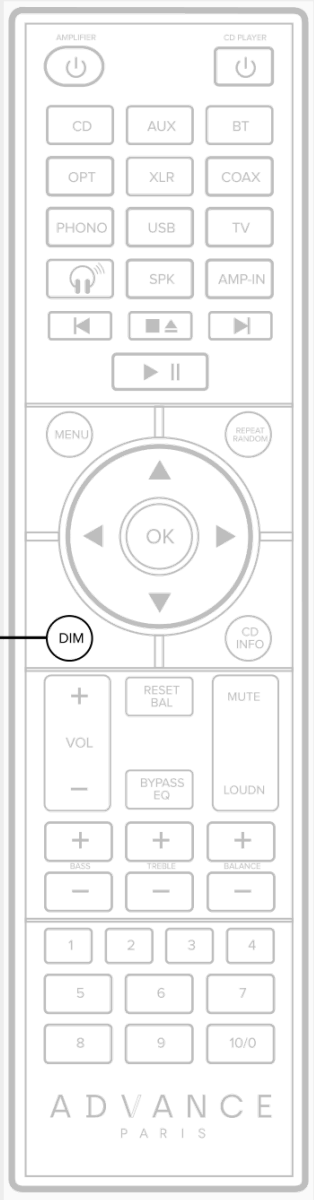
Recommended for listening with headphones compatible with Low Latency and with the HDMI eARC socket.

Bluetooth transmission always causes a delay. This delay can be reduced with the LOW LATENCY setting if your Bluetooth headphones support this protocol (Bluetooth Adaptive Low Latency).

See “Bluetooth headphones”, page 34.

Display brightness

DIM BUTTON ON THE REMOTE CONTROL



Press the **DIM** button on the remote control repeatedly to adjust the brightness of the VU meters and the display.

The brightness of the buttons cannot be adjusted.

Auto standby mode

PRODUCT DISPLAY

You can set your amplifier to switch off automatically after a certain time without a signal. Go to the following menu:

MENU / SYSTEM SETTINGS / APD SETTING

AVAILABLE TIMES

OFF	5 min	10 min	20 min	30 min	60 min

When set to **OFF**, your amplifier will never switch off by itself.

Tone and balance

REMOTE CONTROL OR PRODUCT DISPLAY

MENU / SYSTEM SETTINGS / TONE SETTING

The remote control gives you bass (Bass), treble (Treble) and balance (Balance) adjustments.

Bass · Treble · Balance

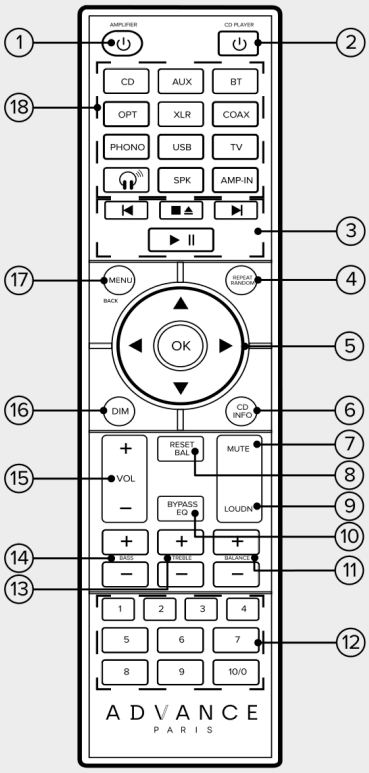
Bass, treble and balance adjustment.

Bypass EQ

Turns your bass and treble settings on or off.

Reset Bal

Returns the balance to the centre.



Loudness

REMOTE CONTROL OR PRODUCT DISPLAY

MENU / SYSTEM SETTINGS / TONE SETTING

On the remote control, the Loudness button turns the function on or off. Loudness compensates for the ear's loss of sensitivity to bass and treble when listening at low volume.

Your amplifier dynamically corrects bass and treble according to the listening volume, for the most natural tonal balance possible:

Low volume	Medium volume	High volume
Strong correction	Moderate correction	No correction

Power-on volume

PRODUCT DISPLAY

MENU / SYSTEM SETTINGS / START VOLUME / ON · OFF

ON

The amplifier starts at a set volume each time it is switched on.

OFF

The amplifier starts at the same volume as when it was put into standby.

MENU / SYSTEM SETTINGS / START VOLUME / DEFAULT VOLUME

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

Standby button

PRODUCT DISPLAY

MENU / SYSTEM SETTINGS / STB LED MODE

You can disable the red indicator of the Standby button on the front of your amplifier. In standby mode, the Standby button then no longer lights up red.

Capacitance

PHONO MM INPUT

Your APEX amplifier has a capacitance setting on the Phono MM input, which matches the electrical load to your turntable's cartridge. This setting optimises the frequency response and ensures faithful reproduction of the recording.

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

Capacitance too low

The sound may seem clearer, but sometimes too bright.

Capacitance too high

The sound becomes softer, at the cost of some precision in the treble.

Do a few comparative listening tests and keep the setting that gives the most natural tonal balance.

HDMI CEC control

PRODUCT DISPLAY

MENU / SYSTEM SETTINGS / CEC CONTROL

ON

The amplifier responds to commands sent by your TV for coordinated power-on and standby.

OFF

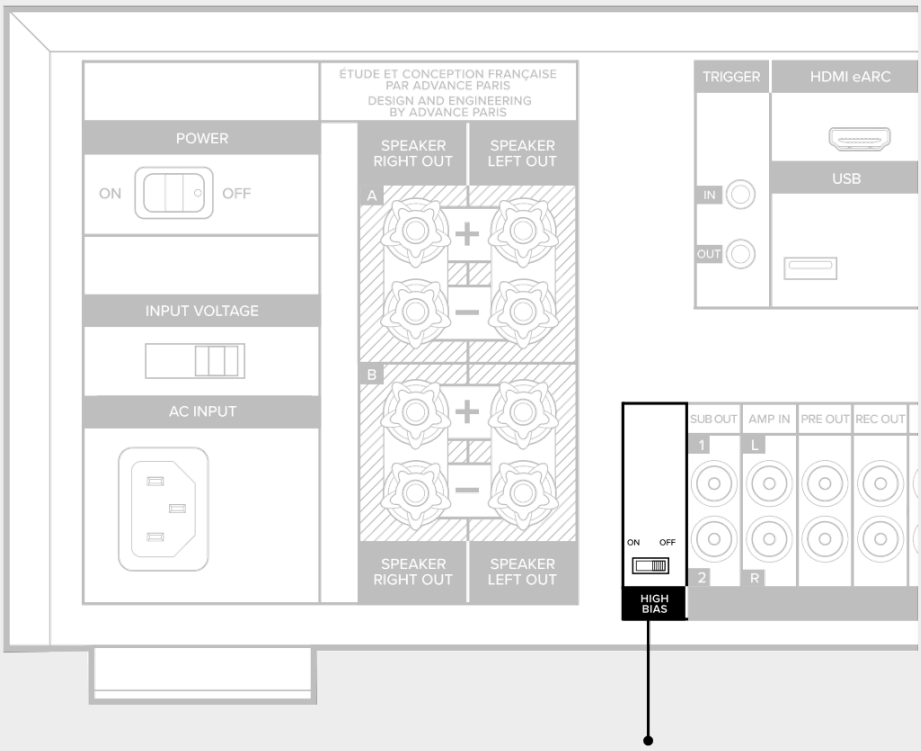
The amplifier does not respond to these commands.

Volume commands remain active at all times, whatever the CEC CONTROL setting.

High-Bias

REAR PANEL

Your APEX amplifier uses class AB amplification: it operates in class A at low power (below 5 W) and in class B above that. It has a two-position bias setting.



OFF — "normal" setting.

ON — "High-Bias" setting, more power in class A (about 8 to 10 W).

Reset

PRODUCT DISPLAY

MENU / SYSTEM SETTINGS / RESET

If necessary, you can restore all the settings of the APEX amplifier to their factory configuration.

Update / FAQ

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Formatting the USB stick 57
Unzipping the file 58
Frequently asked questions 59

Update

Firmware version

To find out the firmware version of your APEX amplifier, go to the following menu:

MENU / SYSTEM SETTINGS / SYSTEM INFO

Turn the multifunction knob to scroll through the information. The firmware corresponds to the **MCU VERSION** line.

Update procedure

If an update is needed:

1. Go to www.advanceparis.com, Support menu, then Manuals and Software.
2. Choose your product range (APEX), then your product (A10).
3. Compare the version offered on the website with the MCU VERSION read on your amplifier. If the website version is more recent, continue the procedure; otherwise, your amplifier is up to date.
4. Download the update file (zipped file).
5. On your computer, unzip the file, then copy the update file to a USB stick with a capacity of 16 GB or less, formatted to FAT. See pages 57 and 58.
6. Plug the stick into the UPDATE port on the rear of the APEX amplifier.
7. Start the update from the amplifier menu:

MENU / SYSTEM SETTINGS / MCU UPGRADE / YES

The amplifier starts the update and goes into Standby when the process is complete.

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

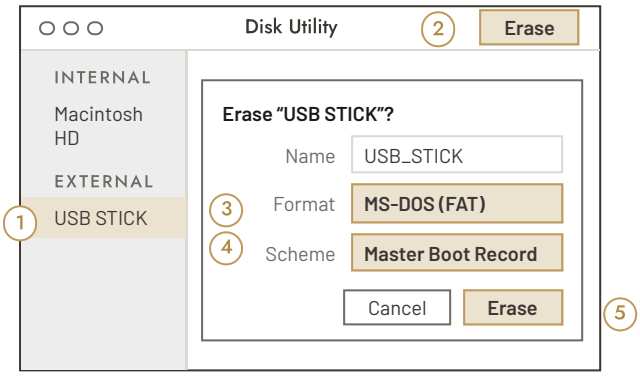
Update

FORMATTING THE USB STICK TO FAT

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

ON MAC

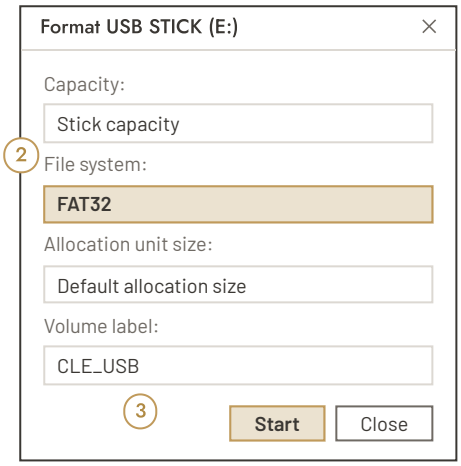
macOS — Disk Utility



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. Under **Format**, choose **MS-DOS (FAT)**.
4. Under **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. Under **File system**, choose **FAT32**.
3. Click **Start**, then confirm with **OK**.

! Formatting erases the entire 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.

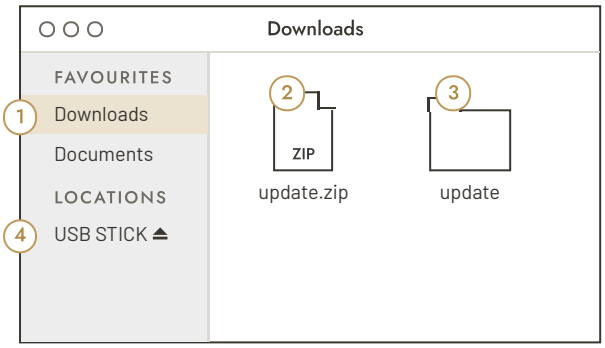
Update

UNZIPPING THE DOWNLOADED FILE

The file downloaded from the Advance Paris website is a zipped file. Before copying it to the USB stick, you must unzip it to obtain the ".bin" file. The USB stick must be formatted to FAT: see "Formatting the USB stick to FAT", page 57.

ON MAC

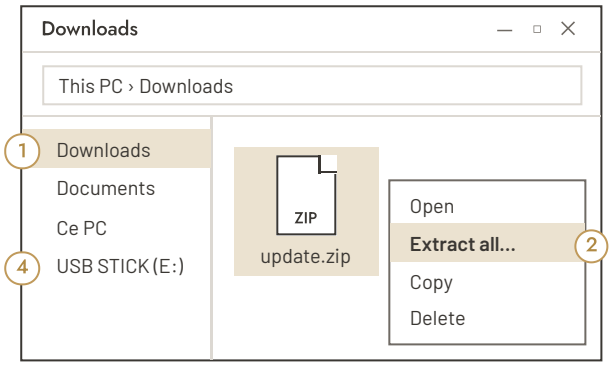
macOS — Finder



1. Open the **Downloads** folder in the Finder.
2. Double-click the zipped 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, shown 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 zipped 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, shown under **This PC**.
5. Eject the stick before removing it: right-click the stick, then **Eject**.

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

Frequently asked questions

The unit does not switch on or off

- Check that the mains cable is properly connected.
- Check that the mains switch on the rear of the APEX amplifier is set to ON.

Operations cannot be carried out with the remote control

- Check or replace the remote control batteries.

No sound is produced

- 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 produced

- 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 replacing.

My turntable does not sound right

- Check that your turntable is correctly connected to the PHONO input of the APEX amplifier.
- Check the counterweight setting of the turntable.
- Check that your ground cable is properly connected.

No sound from a USB stick plugged into the rear

- The USB-A "UPDATE" port is not compatible with audio files: it is dedicated solely to updates, if required.

I don't get my TV sound on my speakers

- If you used an HDMI cable between the APEX 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.

Appendices

Glossary 61
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Technical specifications 64

Glossary

A — E

A-BTC	Optional Advance Paris Bluetooth module, to be inserted into the dedicated socket on the rear of Advance Paris amplifiers to connect Bluetooth sources or headphones.
Display	Screen on the front of the amplifier showing information: source, volume, settings.
AMP-IN	Input for using the APEX amplifier 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 for switching the amplifier on or into standby.
Speaker cables	Cables used to connect the speakers to the amplifier terminals.
Capacitance	Setting specific to the Phono MM input, used to optimise the reproduction of a vinyl cartridge.
Coaxial (digital input)	Digital input using a coaxial cable to transmit sound.
Mains cord	Power cable for connecting the amplifier to an electrical socket.
AUX input	Stereo analogue inputs for connecting various sources.
Optical input	Digital inputs using an optical cable (TOSLINK).
Phono MM input	Input specially designed for turntables fitted with moving magnet (MM) cartridges.

Glossary

F — U

Spade connectors	Type of speaker cable connector that fits around the terminal.
GROUND	Ground terminal for reducing interference noise when connecting a turntable.
HDMI ARC / eARC	HDMI connection for transmitting sound between the TV and the amplifier, with volume and standby control.
High-Bias	Amplifier operating mode allowing class A listening over the first watts.
Infrared (IR)	Transmission system that lets the remote control communicate with the amplifier.
Mains switch	Main switch for switching the unit completely on or off.
PRE-OUT	Output for sending 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. It complements the main speakers and can be connected in single (mono) or dual (stereo) configuration depending on the amplifier settings.
Trigger IN / Trigger OUT	Connectors for synchronising the power-on or power-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 and weight

PRODUCT

43 × 17.5 × 39.3 cm

W × H × D

PACKAGING

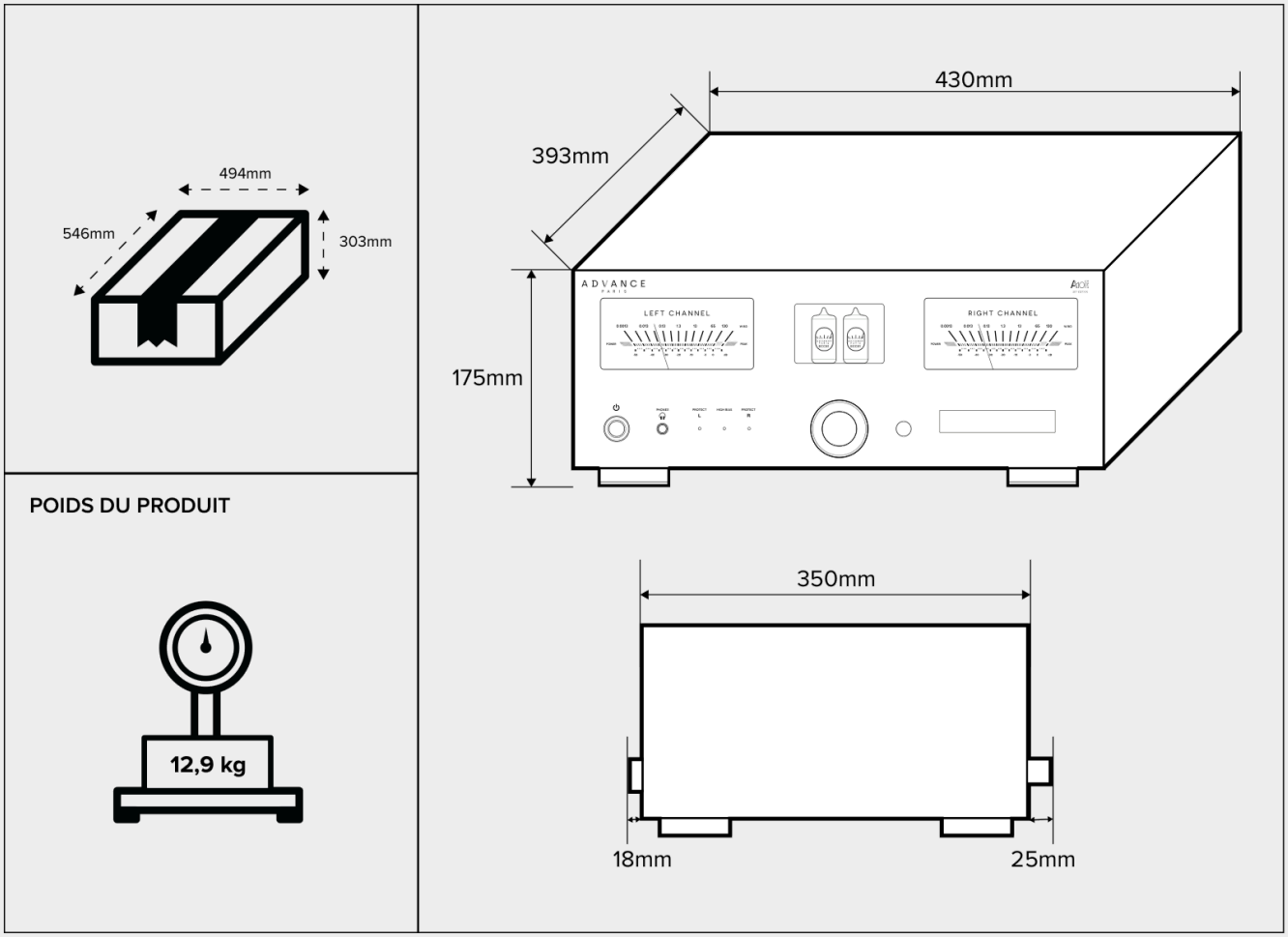
54.6 × 30.3 × 49.4 cm

W × H × D

WEIGHT

12.9 kg net

16.3 kg gross



Technical specifications

Output power 8 Ω	130 W (THD+N 1%, 1 kHz, 2 channels driven)
Output power 4 Ω	198 W (THD+N 1%, 1 kHz, 2 channels driven)
Frequency response	20 Hz – 80 kHz (±1 dB, 31 W, 8 Ω)
THD+N distortion	0.045% (1 kHz, 90 W, 8 Ω)
Signal-to-noise ratio	106 dB (1 kHz, 90 W, 8 Ω)
AC input compatibility	115 / 230 V, 50-60 Hz, with switch
Transformer	Toroidal, 380 VA
DAC	ESS9018
Digital inputs	Optical (×3): 24-bit / 192 kHz PCM Coaxial (×1): 24-bit / 192 kHz PCM USB audio: 24-bit / 192 kHz PCM, DSD64, DSD128, DSD256 HDMI eARC: stereo PCM
A-BTC input	For optional A-BTC Bluetooth receiver
Analogue inputs	RCA line level (×5), Phono MM level (×1) with ground, XLR line level (×1)
Analogue outputs	RCA: REC-OUT (×1), PRE-OUT (×1), SUB-OUT (×2)
Headphone output	6.35 mm jack
High-Bias	ON / OFF switch
Update	Via USB stick on the UPDATE port
Speaker terminals	(×2) screw terminals for bare wire, spade and banana
Remote control	Infrared, REM-19, compatible with A10 APEX and ACD APEX
Trigger socket	Input and output, 12 V
Product dimensions	43 × 17.5 × 39.3 cm (W × H × D)
Packaging dimensions	54.6 × 30.3 × 49.4 cm (W × H × D)
Gross / net weight	16.3 kg / 12.9 kg
Model	A10 APEX 30TH EDITION
EAN code	3 760179 292763