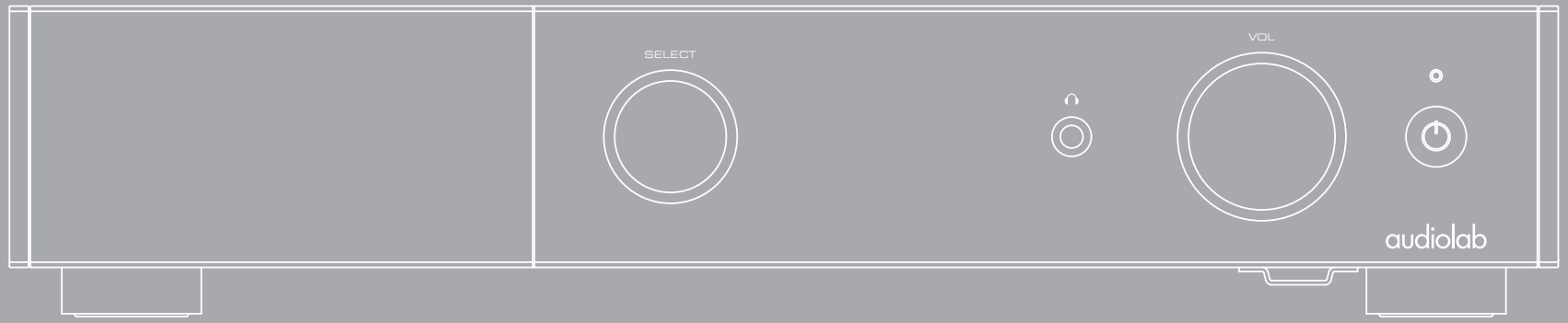
3 YEAR WARRANTY

Scan the QR code using a smart-phone device,
for product warranty registration online.



9000Q
User Manual

audiolab

Important Safety Information

This lightning flash with an arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

Warning: To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.
Read these instructions. Keep these instructions. Heed all warnings.

Follow all instructions:
Do not use this apparatus near water. Clean only with a dry cloth.
Do not block any ventilation openings. Install under the manufacturer's instructions.
Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
Do not defeat the safety purpose of the polarised or grounding-type plug. A polarised plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for the replacement of the obsolete outlet.

Protect the power cord from being stepped on or pinched, particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
Unplug this apparatus during lightning storms or when unused for long periods of time.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilt or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
Do not install this equipment in a confined or built-in space such as a bookcase or similar unit, and keep well ventilated in an open space. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, tablecloths, curtains etc.

WARNING: Only use attachments/accessories specified or provided by the manufacturer (such as the exclusive supply adapter, battery etc.).

WARNING: Please refer to the information on the exterior panel of the enclosure for electrical and safety information before installing or operating the apparatus.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on the apparatus.

WARNING: For the terminals marked with the symbol of " ϟ " may be of sufficient magnitude to constitute a risk of electric shock. The external wiring connected to the terminals requires installation by an instructed person or the use of ready-made leads or cords.

Ground protection terminal. This product should be connected to a power outlet with ground protection.

Denmark: Apparatets stikprop skal tilsluttes en stikkontakt med jord, som giver forbindelse til stikproppens jord.

Finland: Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan.

Norway: Apparatet må tilkoples jordet stikkontakt.

Sweden: Apparaten skall anslutas till jordat uttag.

WARNING: No naked flame sources, such as lighted candles, should be placed on the apparatus.
WARNING: Attention should be drawn to environmental aspects of battery disposal. WARNING: Use of the apparatus in tropical climates.

THE FUSE VALUES ARE:
220 – 240V (UK, China, etc.) T630mAL 250V Slow Blow
100 – 120V (USA, Japan, etc.) T1AL 250V Slow Blow

Important Safety Information

FCC Statement

This equipment 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 equipment 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 equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment 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 equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

- RF Exposure Information
- The device has been evaluated to meet general RF exposure requirement.
- The device can be used in portable exposure condition, compliance with expo sure requirements.

ISED Statement

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).

This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.

The device has been evaluated to meet general RF exposure requirement. This equipment should be installed and operated with minimum distance 0mm between the radiator & your body.

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Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. aptX is a trademark of Qualcomm Technologies International, Ltd., registered in the United States and other countries.

Being Roon Tested means that IAG Group Ltd and Roon have collaborated to ensure you have the best experience using Roon, software and IAG Group Ltd equipment together, so you can just enjoy the music.

MQA (Master Quality Authenticated)
MQA is an award-winning British technology that delivers the sound of the original master recording. The master MQA file is fully authenticated and is small enough to stream or download. Visit mqa.co.uk for more information. 9000Q includes MQA technology, which enables you to playback MQA audio files and streams, delivering the sound of the original master recording.

The audiolab 9000Q LED on screen glows green or blue to indicate that the unit is decoding and playing an MQA stream or file, and denotes provenance to ensure that the sound is identical to that of the source material. It glows blue to indicate it is playing an MQA Studio file, which has either been approved in the studio by the artist/producer or has been verified by the copyright owner

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Audiolab 9000Q

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1 : Getting Started

Introduction of 9000Q

Thank you for purchasing the Audiolab 9000Q.

Audiolab's new 9000 Series represents a new standard in home audio for the connoisseur, and the 9000Q is no exception.

This dedicated preamplifier has been designed in line with the smart aesthetic and exemplary performance of the 9000 series - solidly built and impeccably finished.

Please read through this manual to obtain the very best from your 9000Q.

Features

- New dedicated preamplifier design
- Full DAC (ESS 9038Pro) section
- Analogue and digital source connectivity
- New Enhanced High-performance phono pre-amplifier
- Bluetooth aptX, aptX HD, LDAC receiver
- New Tone controls
- New XLR and AV Direct functionality
- Dedicated headphone amplifier
- 800 x 480mm WVGA full view IPS LCD

Inputs

- Three unbalanced analogue inputs
- One balanced analogue input
- One RCA MM Phono input
- Two coaxial SPDIF digital inputs
- Two optical SPDIF digital inputs
- Bluetooth 5.1(aptX/aptX HD/ LDAC) input
- USB-B 2.0 port for replaying stereo from a compatible host
- USB-A 2.0 port for firmware update

Outputs

- Two unbalanced pre outputs
- One unbalanced AUX output
- One balanced analogue output
- Headphone output
- Two 12V Trigger outputs

Unpacking the Equipment

The carton should contain:

- The Audiolab 9000Q
- One IEC power cord suitable for your region
- One remote handset
- One instruction manual

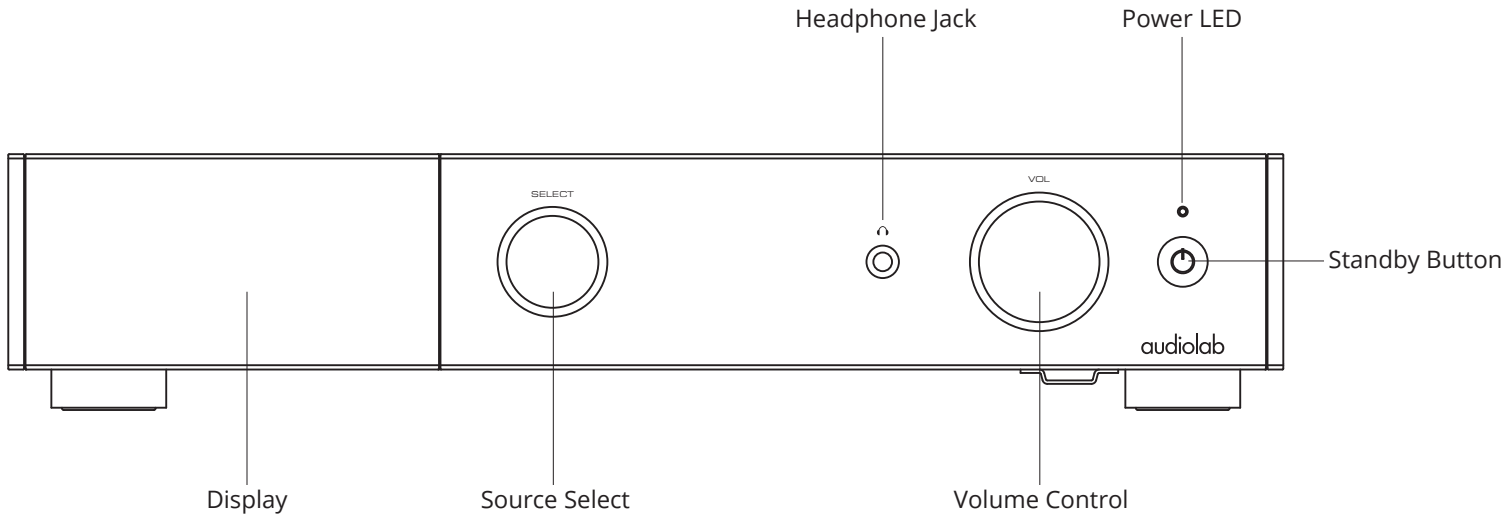
Consult the dealer from whom you purchased the equipment if any item is not present. Carefully unpack the unit and accessories. Take care not to damage the surface finish when undoing the protective polythene sleeve. Retain the packing materials for future use. Retain the user manual and information concerning the date and place of purchase of your equipment for future reference. If you transfer the unit to a third party, please pass on this instruction manual along with the equipment.

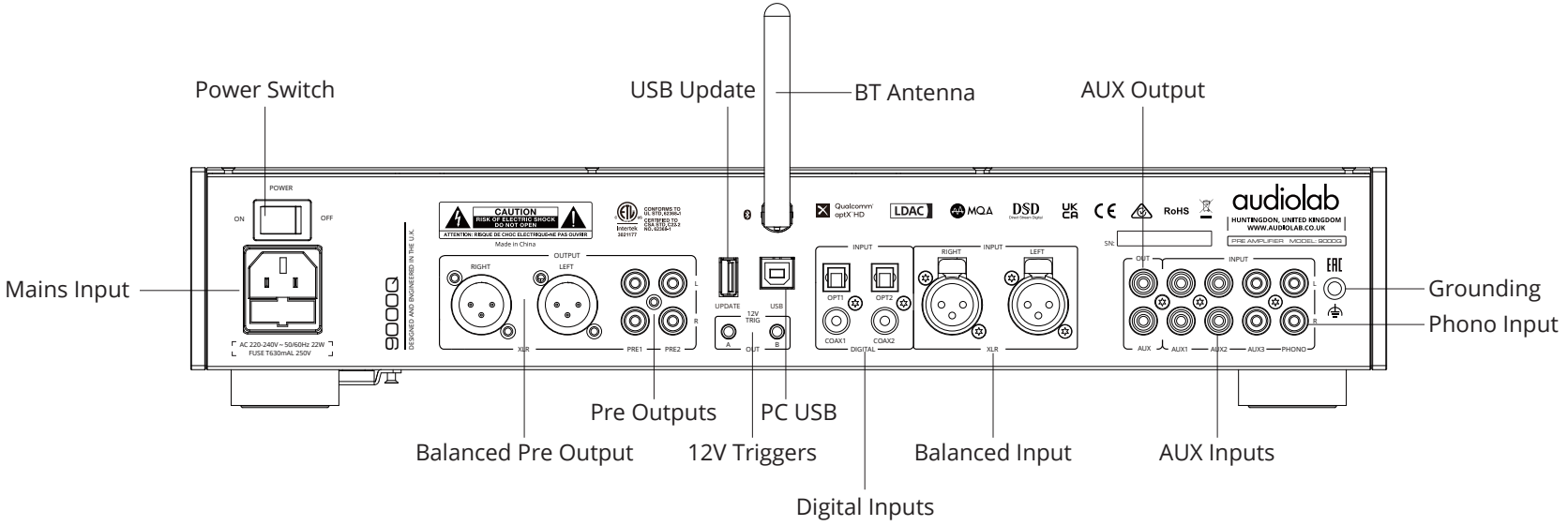
Placement

The unit must be mounted on a solid, level and stable surface.

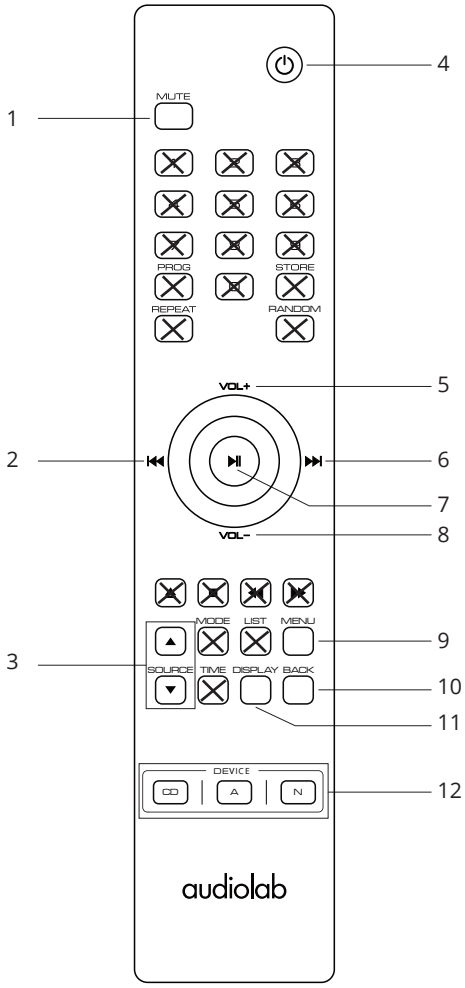
Before you connect the Audiolab 9000Q to the AC mains power, ensure your AC mains voltage corresponds to the rating on the rear panel of the product. If in doubt, consult your dealer. If you move to an area that has a different mains voltage, seek advice from an Audiolab appointed dealer or a competent service technician.

2: Controls and Functions





3: Remote Handset



1. MUTE — Press to mute and unmute the sound
2. ⏮ — Navigate to previous track (Bluetooth/PC USB playback source), reduce brightness (display options), navigate 'back'/'scroll up' through menu options
3. Source — Press to select input source, long press for input source menu
4. Standby — Press to put the unit in, or bring it out of standby
5. VOL+ — Increase Volume/Menu settings previous option
6. ⏭ — Skip to next track (Bluetooth/PC USB playback source), navigate 'forward'/'scroll down' through menu options
7. ⏯ — Confirm and apply changes in menu options, or enter a menu sub-directory
8. VOL- — Decrease Volume / menu settings next option
9. MENU — Press to access the setup menu options
10. BACK — Press to go back up one level in the menu, or exit to the home screen
11. DISPLAY — Press to toggle the display options
12. CD/A/N — Press to select the controller device function (CD = 9000CDT) (A = 9000Q) (N = 9000N)

Fit the Batteries

Open the cover and insert 2 x AAA batteries, replace the cover. Always use AAA batteries and replace them in sets never mix up old and new batteries.

Very weak batteries can leak and damage the handset. Replace them in good time!

Note: there is a risk of fire and injury if a battery is handled improperly. Do not disassemble, crush, puncture, short the contacts or dispose of the batteries in fire or water. Do not attempt to open or service a battery. Discard used batteries in full accordance with recycling regulations in force in your area.

Handset Operation

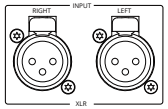
Point the handset at the remote receiver and press the buttons as illustrated to activate the relevant functions. The handset should be within 15 metres of the player and there should be a clear line of sight between the handset and unit for optimum remote control operation.

Note: The handset can also operate other units in the audiolab 9000 series. The buttons shown crossed out are for use with other Audiolab units.

4: Connections

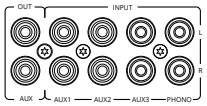
Balanced Input

Connects to a source with Balanced XLR Output.



Unbalanced Inputs (AUX)

Connect your analogue sources to one of the three line-level inputs, AUX1, AUX2 or AUX3.

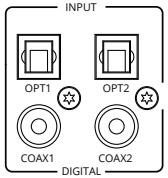


Phono Input (MM)

Connect your turntable (with a moving magnet cartridge) to the phono input. Connect the earth lead from your turntable (if available) to the ground terminal.

Coaxial Digital Input

Connect your coaxial digital sources to either COAX1 or COAX2.

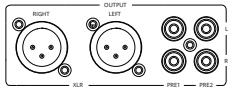


Optical Digital Input

Connect your optical digital sources to either OPT1 or OPT2.

Balanced Output

Connects to external power amplifier, subwoofer or signal processor with XLR Balanced Input.

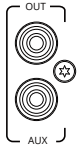


Unbalanced Pre Output

Connects to external power amplifiers, subwoofers or signal processors.

Unbalanced AUX Output

The AUX direct output is used for connecting to a unit with Line (RCA) inputs that requires no preprocessing or volume control of the signal, for example an integrated amplifier, audio processor, AV controller or an audio recording device.



Headphone Output

A stereo 6.3mm (1/4") jack is provided on the front panel for connecting headphones. When headphones are connected the audio to the XLR and RCA Pre-Amp Outputs will be deactivated.

4: Connections

Bluetooth Connection

Select the BT source option on the 9000Q. On your Bluetooth transmitter device (ie. smartphone, tablet or PC) use the BT device menu to locate 'Audiolab 9000Q-xxxx' and connect. Once paired, the Bluetooth icon will appear on the 9000Q display. If you switch to another input on the 9000Q your mobile device will be disconnected after 60 seconds.

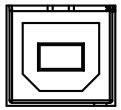
To reconnect, select BT on the 9000Q and it will automatically connect to the last paired device (if the device is within range). Or select 'Audiolab 9000Q-xxxx' on your device in the Bluetooth menu and it will reconnect. Once paired, you can disconnect your mobile device with 9000Q by long pressing the ⏯ button on the remote controller.

PC USB Input

Connect your computer to the 9000Q via a USB cable (Type-A to Type-B). Select the PC USB source using the handset or the SELECT button on the front panel.

'No Input Signal' will be displayed if there is no input signal to the USB input. When you play a file the digital inputs will lock onto the digital signal as soon as there is an input signal for USB. The display screen will then show the output sampling frequency of the music file being played from your computer.

To download Windows Drivers, please see the separate manual included with this device or visit audiolab.co.uk/downloads. The manual and Drivers will also be available from www.audiolab.co.uk

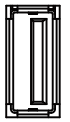


USB Update

Follow the instructions provided separately with the official Audiolab USB update files.

POWER OFF the 9000Q unit. Insert the USB storage device, onto which the USB update files have been loaded. Press the STANDBY button on the front panel then simultaneously POWER ON, your 9000Q will upgrade automatically.

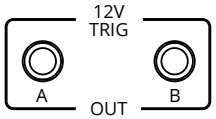
Wait for the device display to confirm that the update is completed. Then, unplug the USB drive and restart the 9000Q. The unit is now ready to use.



12V Trigger Connection

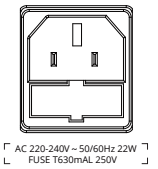
The 9000Q features two 12V Trigger outputs for controlling other products, ie. Audiolab amplifiers or third party compatible equipment.

The 12V Trigger connections are made using 3.5mm to 3.5mm stereo or mono jack interconnects (not included).



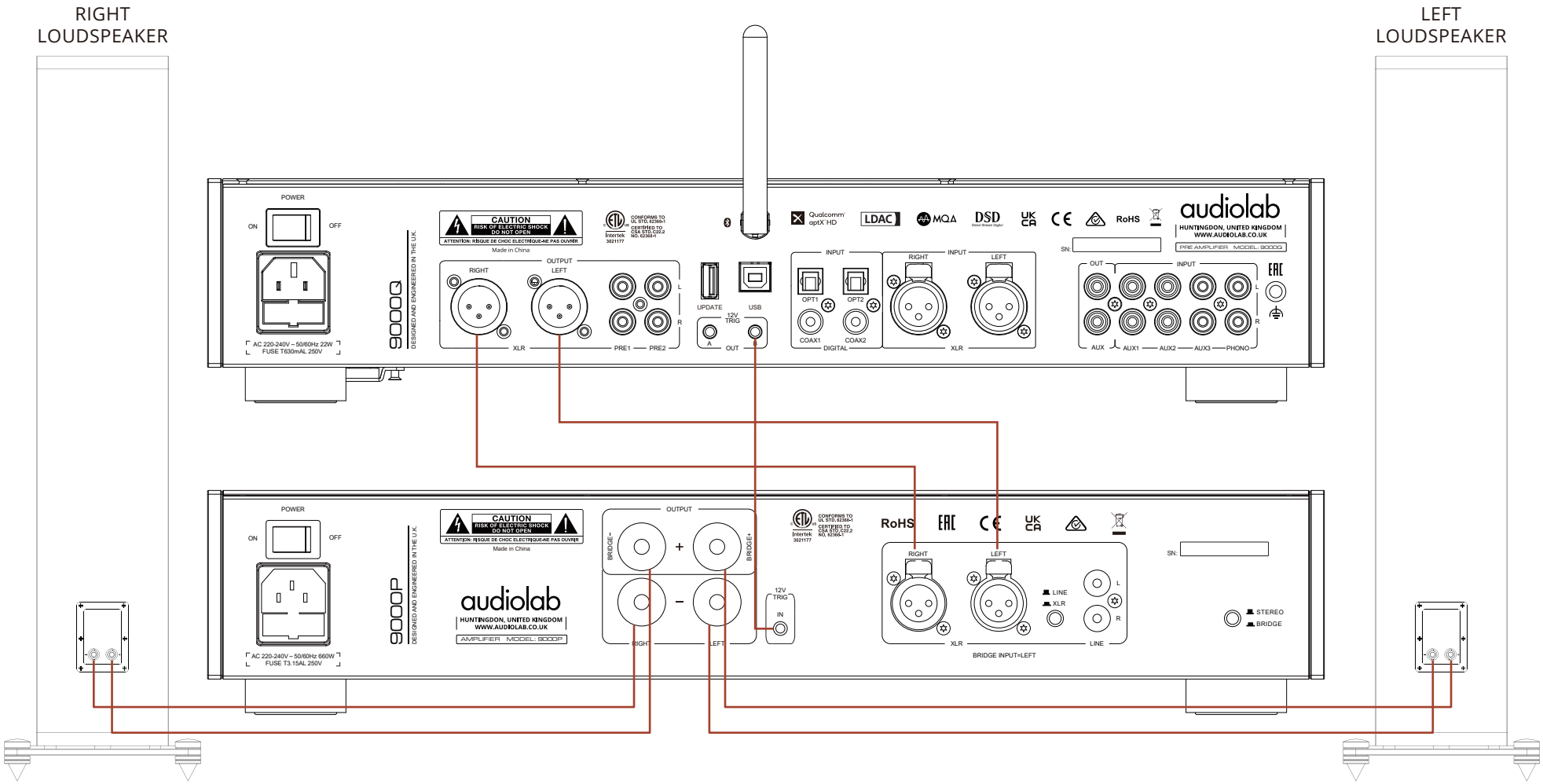
Mains Input

Before connecting the AC power cord to the 9000Q, please make sure the Power Switch is in the OFF position. Switch it to the ON position after connecting the unit to the AC mains.



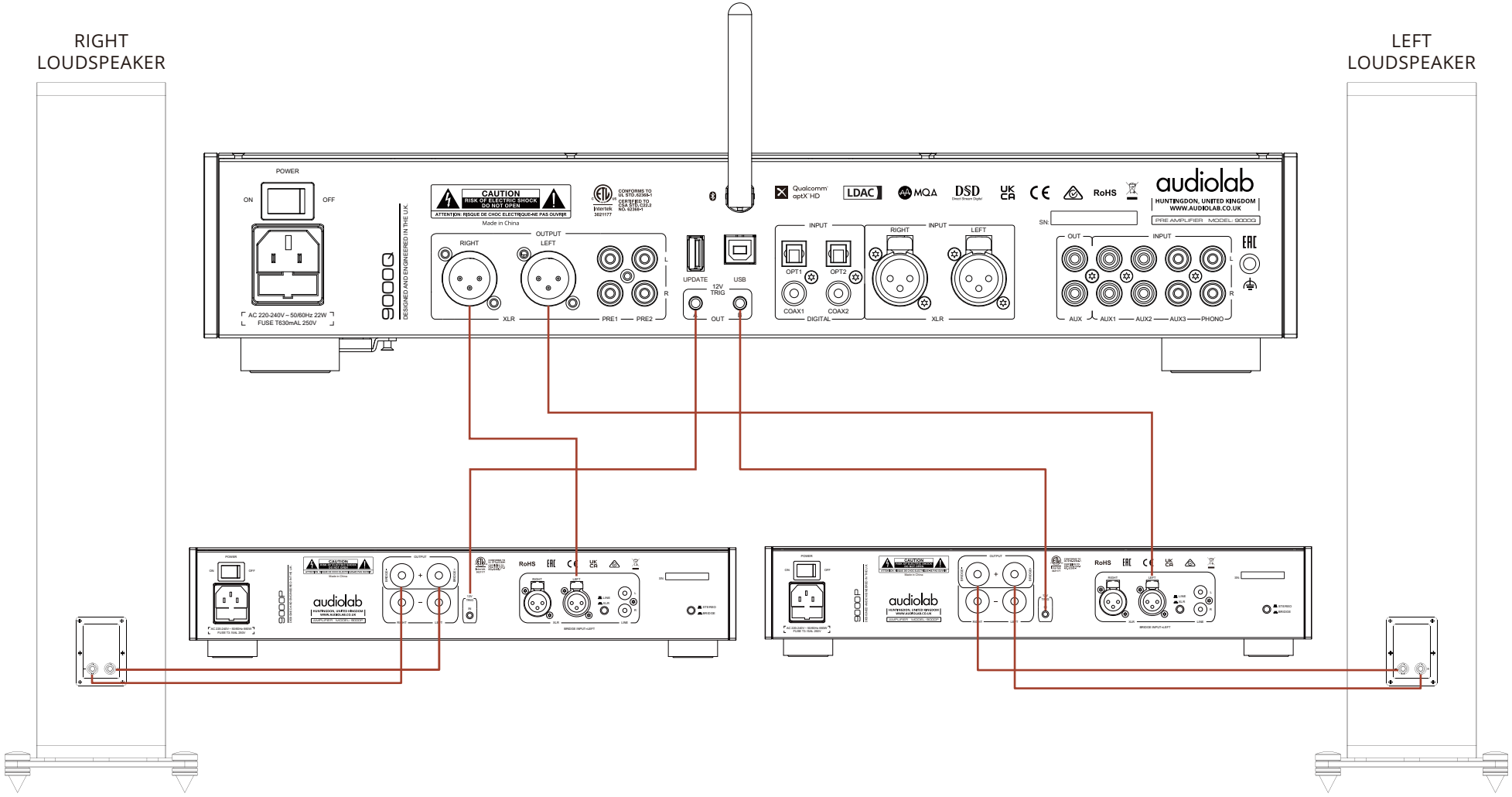
5: System Connection

9000Q with a Stereo Power Amplifier (9000P in This Example)



5: System Connection

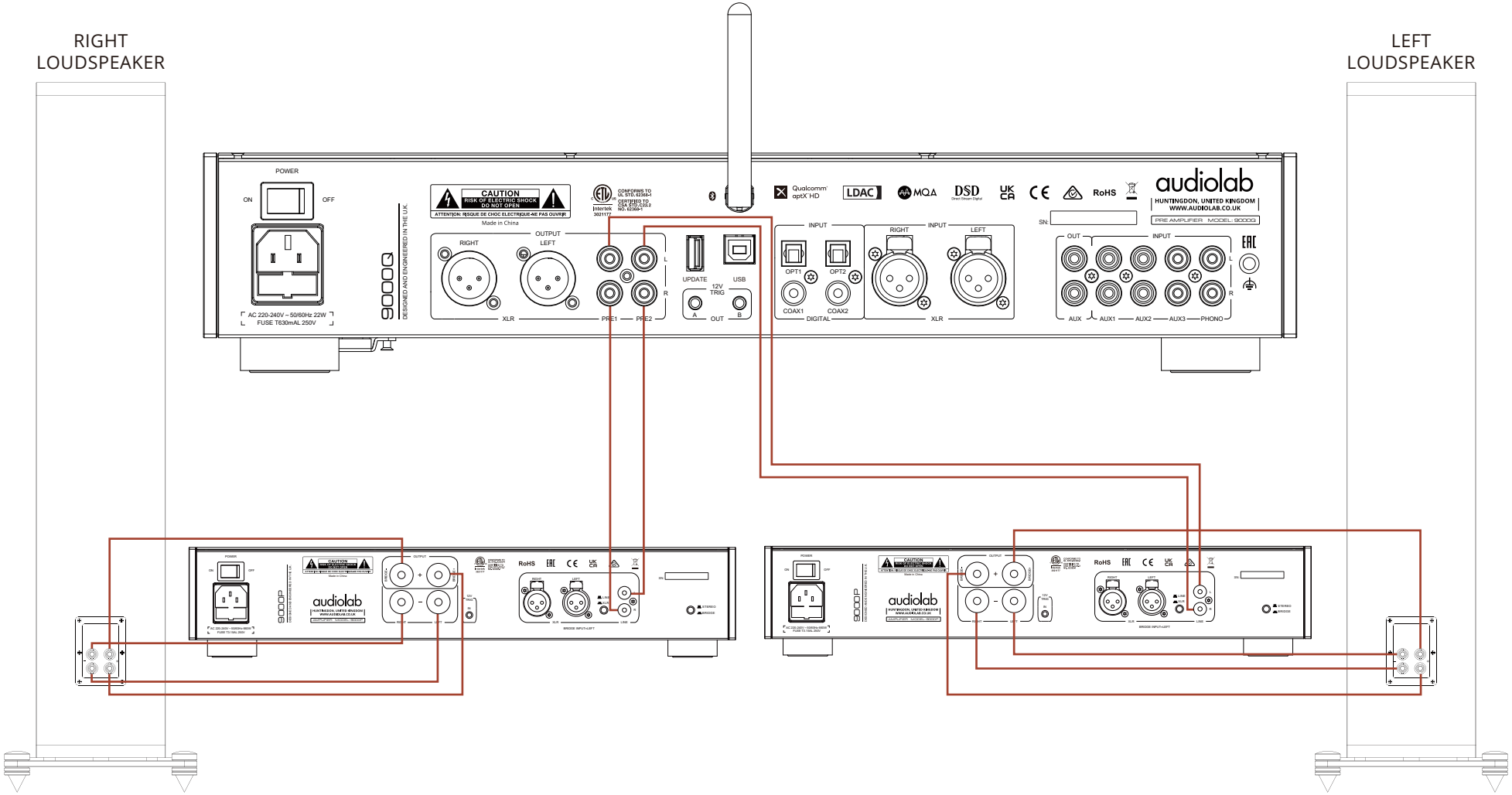
9000Q with Dual Mono Power Amplifiers (2x 9000P in This Example)



5: System Connection

Bi-Amp mode (2 x 9000P and 9000Q Preamplifier in This Example)

The STEREO/BRIDGE selector switch should be 'OUT' for the stereo mode.

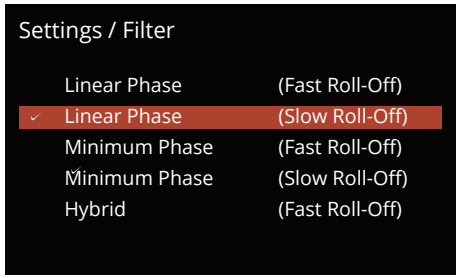


6: Menu Options

Filter

Configure the digital filter for the audio DAC. Linear Phase (Slow Roll-Off) is the default setting.

The Audiolab 9000Q ESS ES9038PRO SABRE DAC allows for detailed tuning of the audio experience. The DAC reconstruction filter is a critical part of refining the sound of a system that depends on listening taste, program material, and equipment set-up.



• **Linear Phase (Fast Roll-Off):** This is the most common filter with clean overall suppression and excellent rejection, best for music with large transients. Provides crisp clean highs.

• **Linear Phase (Slow Roll-Off):** A low group delay and symmetrical input response with less ringing than 'Linear-phase fast roll-off'. It offers punchier bass than 'Linear-phase fast roll-off', with clean highs. (Default)

• **Minimum Phase (Fast Roll-Off):** This offers minimal pre-ringing. It is usually preferred for imaging and sound stages. It offers no aliasing in the frequency domain and stronger bass than 'Linear Phase', with clean highs.

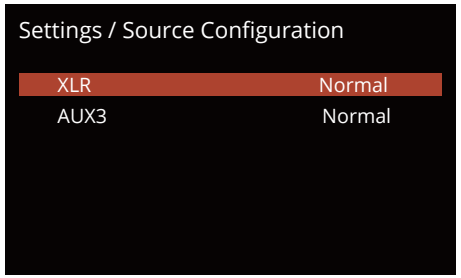
• **Minimum Phase (Slow Roll-Off):** A Non-Symmetrical filter designed to minimise pre-ringing. It offers a strong punchy bass with a good transient attack.

• **Hybrid:** This is the combination of 'Linear-phase' and 'Minimum-phase'. It offers a fast transient attack, strong punchy bass and crisp highs.

Source Configuration

XLR = Normal: Tone controls can be applied.
XLR = Direct: Fully Balanced XLR signal path via 4 channel volume control .

AUX3 = Normal: Normal line input
AUX3 = AV Bypass: Gain fixed at 0dB for use with external AV processor with its own volume control.

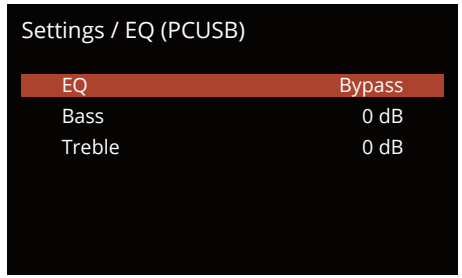


EQ

The tone controls can be individually applied to each input. To activate the controls set EQ to ON.

Adjust the Bass and Treble with a range of +/-6dB, in 2dB steps

When EQ is set to Bypass, the audio signal will bypass the tone control circuit.

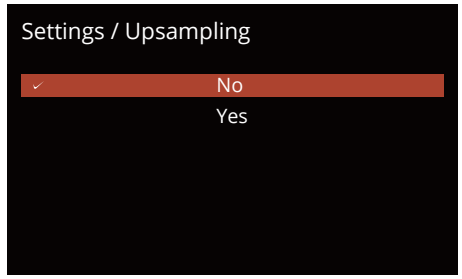


Upsampling

The 9000Q will automatically upsample the incoming digital audio signal (SPDIF or PC USB) to 352.8KHz or 384KHz.

DAC filters are disabled when upsampling is enabled.

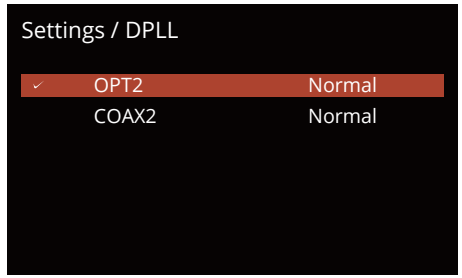
The upsampling can be turned OFF if required.



DPLL

This setting is used for changing the bandwidth of the digital phase lock loop of the D/A converter to accommodate different levels of jitter on the incoming SPDIF signal.

Normal mode should be selected for signals with low jitter, while Wide mode should be selected for signals with abnormal jitter.



For best audio quality leave this setting at the default value Normal, only use Wide for a given input if the system is having problems locking onto the source.

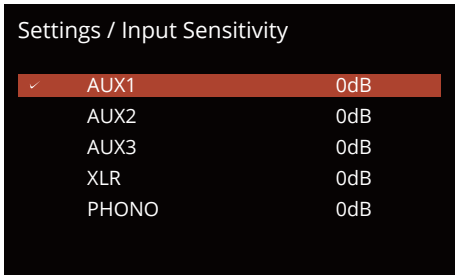
6: Menu Options

Balance

Adjust the Left and Right balance of the 9000Q output stage.

Input Sensitivity

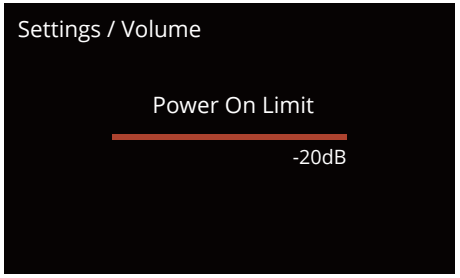
This feature allows the input sensitivity of the individual analogue inputs to be adjusted (+/- 6dB) to help achieve a more uniform playback volume level when switching from one source to another.



Volume / Power On Limit

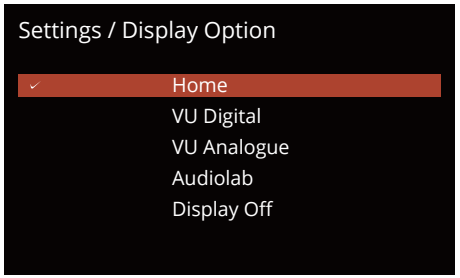
Power On Limit sets the maximum volume level as the unit is switched on. When coming out of standby, the volume setting will be set to the level that was used at the end of the previous operating session OR to the Power On Limit value set in this menu, whichever is lowest.

This will avoid a sudden loud signal at the beginning of a new session.



Display Option

Access the various display options for the 9000Q front panel display.

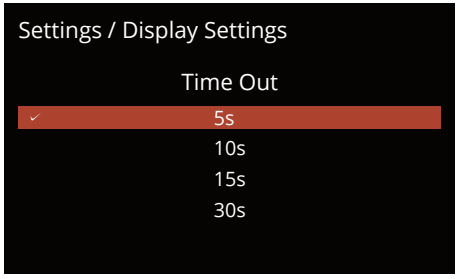


Brightness

Adjust the brightness of the 9000Q front panel display.

Display Time Out

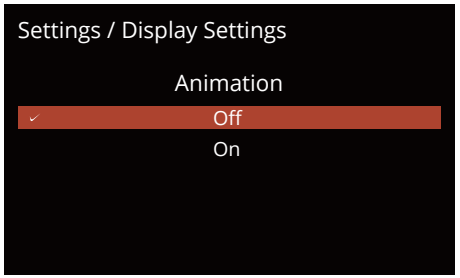
Adjust the time at which the 9000Q display will revert to your chosen display option, from the home screen, after performing volume adjustment and other operations.



6: Menu Options

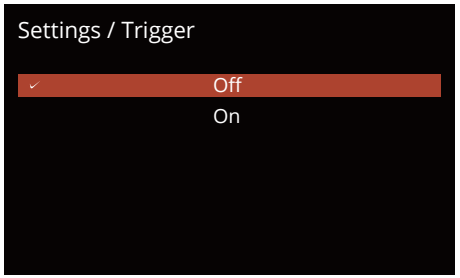
Animation

Activate (ON) or deactivate (OFF) the animations shown on the playback interface display.



Trigger

Activate or deactivate the 12V trigger function of the 9000Q.



Language

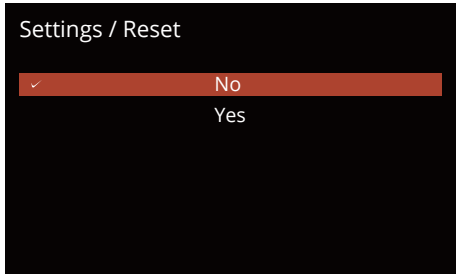
The 9000Q offers multiple language options for the GUI. Select your chosen language from the list. The default language is 'English'.

Standby

The auto-standby feature will put the 9000Q into a standby model after 20 minutes of inactivity. This feature can be also user-defined and set to 20 minutes, 60 minutes or 'Never'. The latter option means that the 9000Q will not enter standby mode without user instruction by way of the front panel 'standby' button or remote control 'standby' button.

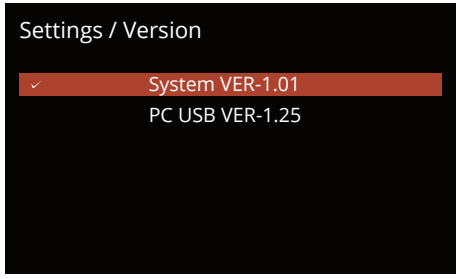
Reset

Reset the 9000Q to the factory default settings.



Version

Check the currently installed firmware version.



7: System Operations

Switching On and Off

The 9000Q should be switched on before the amplification stage in your system. When switching off your system, turn off the amplifier stage before switching off the 9000Q (“the 9000Q should be "first on, last off").

Standby Mode

After initial power on, the 9000Q will be in standby mode.

Press the standby button on the front panel to bring the unit out of standby.

The power indicator LED will become brighter, and the display will show the 'Audiolab' welcome screen as the unit enters operational mode.

If the system is connected with 12V Trigger cables, putting the 9000Q (master device) into standby, either with the front panel switch, or via the remote control, will put all slave devices (for example, 9000P) into standby mode simultaneously.

Press the standby button again to bring all connected devices out of standby.

Source Select

Rotate the SELECT knob on the front panel or use the source (▼or▲) buttons on the remote handset to select different source inputs. In addition, you can press the SELECT knob or press and hold the source (▼or▲) buttons on the remote handset to enter the source selection menu. Scroll source options by rotating the SELECT knob or the navigation buttons on the remote handset, and press the SELECT knob or the ⏯ button on the remote handset to confirm a source selection.

Volume Control

Rotate the VOL knob on the front panel, or use the Volume up/down keys on the remote control, to set the volume level. The range is -78dB to 0dB, the factory default volume setting is -20dB. When coming out of standby the 9000Q will be set to the previous used volume setting, except if louder than -20dB, in which case the volume will default to -20dB. You can change the power on limit value via the menu options for the 'Power On Limit' feature.

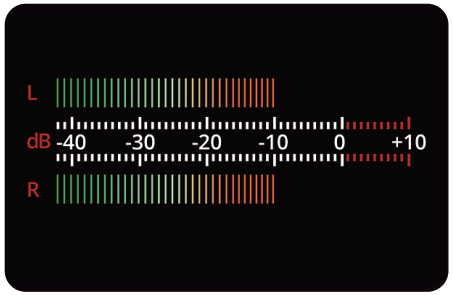
Mute

Press the VOL knob on the front panel or MUTE button on the remote handset to mute/unmute the 9000Q.

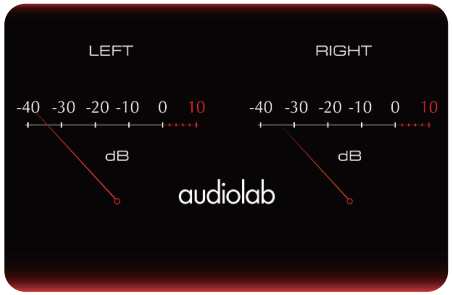
Display Options

The Audiolab 9000Q has an intelligent and versatile display. You can access the display options via the menu function. Press the MENU on the remote control to enter menu mode, or press the MODE button on the front panel of the device.

Navigate to 'Display Options' via the menu options (use the Vol +/- buttons on the remote or front panel of the device for navigation). Choose and confirm by " ⏯ " on the remote control or MODE knob on front panel of the device. Or you can just press the DISPLAY on the remote control to cycle the display options. Here, you will have access to the following display options:



Digital VU



Analogue VU

Audiolab

Display Off

7: System Operations

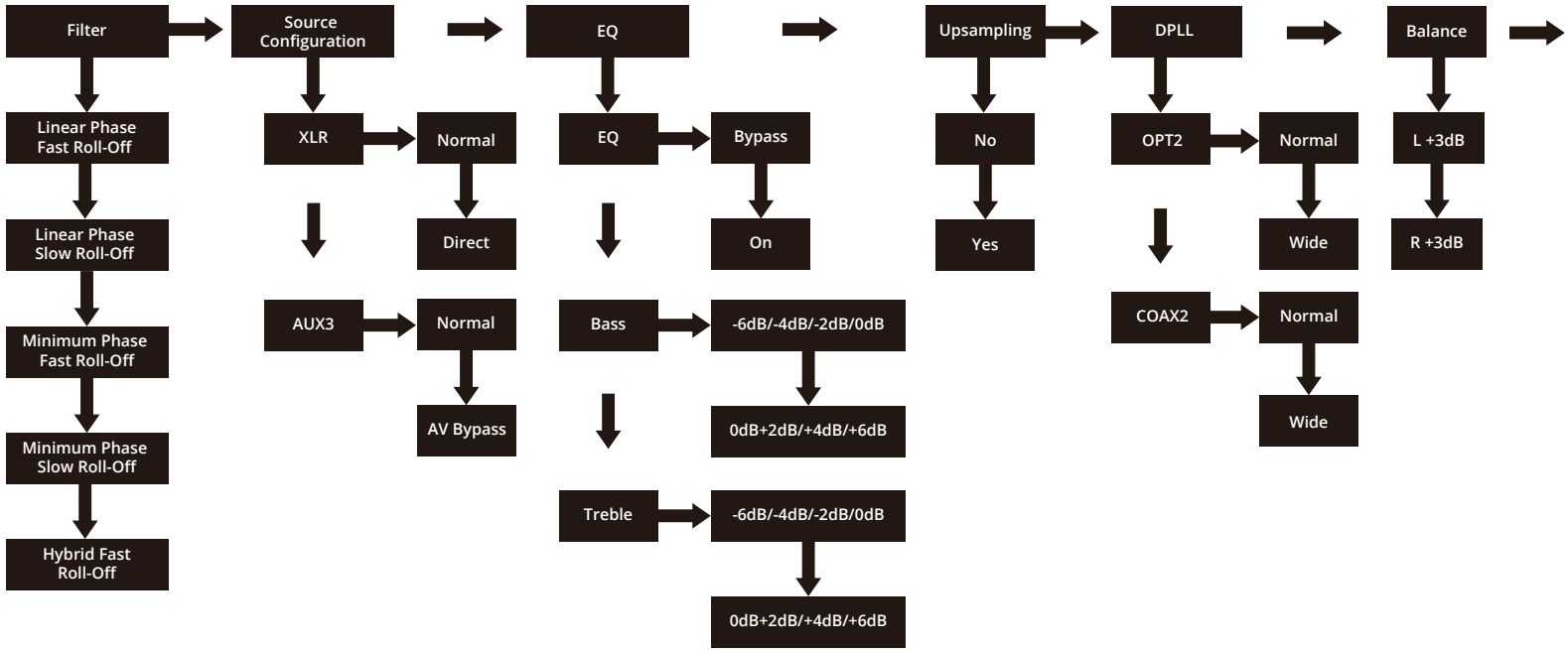
The Menu

The menu enables you to customise the unit and optimise the interface with other equipment in your system.

Press the ‘SELECT’ knob on front panel or ‘MENU’ key on the remote controller to enter menu mode, and then press 'VOL-' or 'VOL+' to cycle through the menu options.

Press to access the sub menus and press again to confirm any selection. Long press “SELECT” knob or “BACK” on remote to go back or exit the menu.

The Menu Tree



7: System Operations

The Menu Tree

8: Warranty Coverage

Audiolab warrants this product, subject to the terms and conditions below, to be free from defects in materials and workmanship. During the warranty period Audiolab will repair or replace (at Audiolab's option) this product, or any defective part in this product, if it is found to be defective due to faulty materials, workmanship or function. The warranty period may vary from country to country.

Online Registration

3 YEAR WARRANTY

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Scan the QR code using a smart-phone device, for product warranty registration online.

The three (3) year extended warranty is applicable to items purchased from Jan 1st 2021, onwards. Items purchased prior to this date are not eligible for this extended warranty service but are subject to statutory warranty claims and all applicable consumer rights.

To qualify for the extended 3 year warranty, you must register your product within ninety (90) calendar days from the date of purchase.
Visit audiolab.co.uk/warranty-registration to complete your online registration. Items not registered online will have a Limited Warranty for one (1) year, or for the period of your country's statutory warranty, whichever is longer.

Warranty can only be offered to products registered with proof of purchase with date, model and details of the authorised dealer clearly stated on the receipt/invoice. Please keep the original receipt/invoice in case it is required for a warranty claim.

This Limited Warranty is non-transferable and is offered exclusively to the original owner.

This Limited Warranty is valid only in the original country of purchase.

Repairs or replacements are provided under this warranty are the exclusive remedy of the consumer. Audiolab shall not be liable for any incidental or consequential damages for breach of any expenses or implied warranty with any product. Except to the extent prohibited by law, this warranty is exclusive and in lieu of all other warranties whatsoever, both expressed and implied, including but not limited to the warrant of merchantability and fitness for practical purpose.

This warranty provides benefits that are additional to and do not affect your statutory consumer rights.
This Limited Warranty offer is subject to correct information being submitted in your application. Incorrect dates or mismatched purchase receipt dates that are outside of the warranty terms will immediately invalidate any warranty claim.

*Please check with your dealer local distributor for further information.

Exclusions

The following items are excluded from the Audiolab warranty:

Normal wear and tear and cosmetic damage (including but not limited to any wear from reasonable use, environmental deterioration or neglect)

Products on which the serial number has been removed, altered or otherwise made illegible.

Products not purchased from an authorised Audiolab dealer.

Products that were not new at the time of original purchase.

Products sold 'as is', 'as seen' or 'with faults'

Product not purchased from an Authorised Dealer/Distributor within the region of the claim (ie parallel imports or grey market products)

Accidental damage or faults caused by commercial use, acts of God, incorrect installation, incorrect connection, incorrect packaging, misuse or careless operation or handling which is not in accordance with the user instructions.

Equipment that has been operated in conjunction with unsuitable, inappropriate or faulty apparatus.

Repairs, alterations or modifications carried out by parties other than Audiolab or its authorised service partners.

Damage in transit that cannot be attributable to the fault of Audiolab, the authorised distributor or dealer (ie. claims otherwise covered by transit insurance.)

Faults relating to abnormal or inappropriate power supply voltage or power surges.

Faults relating to extremities in temperature, exposure to heat, water or other liquids, insects, excessive moisture, sand, chemicals, battery leakage or any other contaminants.

8: Warranty Coverage

Any force majeure events, including but not limited to any acts of God, fire, lightning, typhoon, storm, earthquake, hurricane, natural disaster, tsunami, flood, war, riot, public disturbance.

Any other causes beyond the reasonable control of either Audiolab and its Authorised Distributor.

Please note items purchased before 1st Jan 2021 are not eligible for the extended warranty claim.

How to Claim

To obtain warranty service please contact the authorised dealer from which you purchased this product and present the limited warranty certificate offered upon registration of your product's extended warranty offer.

Do not dispatch goods without the prior agreement of the dealer distributor or authorised service centre.

If asked to return products for inspection and or repair, please pack carefully preferably in the original carton or packaging affording an equal degree of protection and returned via insured, trackable courier service.

The authorised dealer or distributor will offer full return details and instructions. However, please note if unsuitable packaging is used the warranty may be deemed void due to improper action in return.

Audiolab or the authorised distributor, dealer or service centre may make a charge for the supply of new packaging for the return of the repaired item. Please note, insurance is recommended as goods are returned at the owner's risk. Authorised distributors or service centres cannot be held liable for loss or damage in transit. insurance and freight charges on the return journey will be paid for by Audiolab, authorised dealer, distributor or service centre if corrective work proves to be necessary.

In the event of 'no-fault found' or 'no repair necessary', the return shipping charge will be the responsibility of the owner.

Repairs

All repairs will be carried out by the appointed distributor (or locally appointed service centre). Repairs handled or processed without authorisation or approval of the appointed representative will be excluded from this limited warranty. Please note, Audiolab is not able to supply parts or replacement items to any other entity than the official distributor or authorised service centre.

Other than the warranty and services set out in this warranty, to the fullest extent permitted by law, Audiolab shall not be liable to you and/or any third party or entity whatsoever for:

- Any loss, damages and/or malfunction caused to any product(s) which is/are connected to any of the products covered by this warranty.
- Any damages, loss and liability, whether direct, indirect, incidental, consequential special, punitive or otherwise, howsoever caused by, arising out of or otherwise, in relation to the installation, delivery, use, service, repair, replacement and/or maintenance of the product;
- Any damages, loss and liability under this warranty in respect of any act, omission, or negligence of any of their technicians, employees, agents, representatives or independent contractors relating to the actual or purported performance of any of the obligations under this warranty.

Service Centre Address

Should a fault occur with your product, please pack it correctly using the original packing, so you can ship it safely. For technical support, servicing or product queries and information, please contact either your local retailer or the office below:

IAG Service Dept.
13/14 Glebe Road
Huntingdon
Cambridgeshire
PE29 7DL
UK

Tel: +44(0)1480 452561
Email: service@audiolab.co.uk

For information on other authorised service centres worldwide contact Audiolab International, UK.

A worldwide distributors list is available on the Audiolab website: www.audiolab.co.uk

9: Specifications

BRAND	**Audiolab**
Model	**9000Q**
General Description	Preamplifier
Design Philosophy and Core Technology	New dedicated preamplifier design Full DAC (ESS 9038PRO) section Analogue and digital source connectivity New Enhanced High-performance phono pre-amplifier Bluetooth aptX, aptX HD, LDAC receiver New Tone controls New XLR and AV Direct functionality Dedicated headphone amplifier 800 x 480mm WVGA full view IPS LCD
Inputs	3 x Analogue, 1 x XLR, 1 x Phono (MM), 2 x SPDIF (COAX), 2 x SPDIF (Optical), 1 x PC USB (USB B), 1 x Bluetooth (aptX / aptX HD / LDAC)
Outputs	2 x Pre RCA, 1 x AUX, 1 x Pre XLR, 1 x Headphone, 2 x 12V Trigger
Sampling Frequency	Optical / Coaxial: 44.1kHz - 192kHz PC USB: 44.1kHz - 768kHz (PCM) / DSD64, DSD128, DSD256, DSD512

Preamp/DAC	
D to A Converter	ES9038Pro
Input Sensitivity	1Vrms (Line, Volume = 0dB) 2Vrms (XLR, Volume = 0dB) 4.5mV (Phono MM, Volume=0dB)
Total Harmonic Distortion (THD)	< 0.001% (1KHz @ 0dBFS)
Frequency Response	20Hz-20kHz (+/-0.1dB)
Output Impedance	120 ohm (RCA) / 100 ohm (XLR)

9: Specifications

Max. Sampling Frequency	Optical, Coaxial: 192KHz PC USB: PCM768kHz, DSD512
Signal-to-Noise Ratio (S/N)	> 113dB (A-weighted, RCA) > 117dB (A-weighted, XLR Direct)

Headphone Amplifier

Total Harmonic Distortion (THD)	< 0.01% (1kHz, 50mW)
Output Impedance	2.35 ohm
Load Impedance	20-600 ohm

General

Standby Power Consumption	<0.5W
Net Weight	6.2kg
Gross Weight	8kg
Dimensions (mm) (W x H x D)	444 x 90 x 328
Carton Size (mm) (W x H x D)	514 x 165 x 470
Finish	Black / Silver
Power Requirements (depending on region)	100-120V ~ 50/60Hz 220-240V ~ 50/60Hz
Standard Accessories	Power Cord, Remote Control, User Manual

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Correct disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

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http://www.audiolab.co.uk