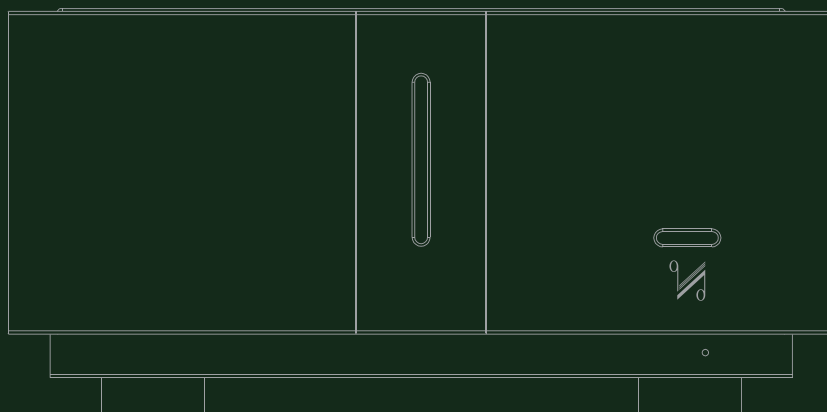




*Scan the QR code using a smart-phone device,
for product warranty registration online.*

Artera Mono



Owner's Manual

QUAD

the closest approach to the original sound

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 the 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 polarized or grounding-type plug. A polarized 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.

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 objects filled with liquids, such as vases, shall not be placed on the apparatus.

WARNING: For the terminals marked with the symbol “⚡” 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.

 This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to the electrical earth.

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 the environmental aspects of battery disposal.

WARNING: Use of the apparatus in tropical climates.

THE FUSE VALUES ARE:
220 – 240V (UK, China, etc.) T4.0AL 250V Slow Blow
100 – 120V (USA, Japan, etc.) T8.0AL 250V Slow Blow

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QUAD

Artera Mono

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INTRODUCTION

Thank you for your investment in the QUAD Artera Mono. We are sure that the Artera Mono will continue to delight you for years to come, thanks to its future-proof provisions for music playback sources.

QUAD gave its team of designers and engineers a specific brief for Artera: combine the qualities that have made QUAD Britain's most revered Hi-Fi marques for many decades with fresh industrial design and the very latest high-performance audio technologies.

The QUAD Artera Mono is an addition to the best-selling QUAD Artera series of hi-fi components. It is developed employing the strongest design features derived from its siblings but exhibits updated internal audiophile-class components and multi-layer circuit boards. The design builds upon the classic QUAD sound, adding increased clarity and definition but foremost ensuring that the integrity of musical performance is more accessible and that the artist's message is distinctly conveyed despite deficiencies in the recording.

Key to the Artera Mono's design is QUAD's patented current dumping technology developed by QUAD's legendary founder Peter Walker. In the Artera Mono's current dumping circuit, a very high-quality Class AB low-power amp provides the details of the signal, while a high-power current dumping section provides the grip to keep the speakers under control. This technology eliminates the problems of crossover distortion, thermal tracking and transistor matching. Consequently, there are no internal adjustments or alignments and the choice of power transistor types is less restrictive.

UNPACKING THE EQUIPMENT

The Artera Mono carton contains:

- The QUAD Artera Mono
- One IEC mains cable with a plug suitable for your area
- One glass top
- One QUAD Artera Mono user 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.

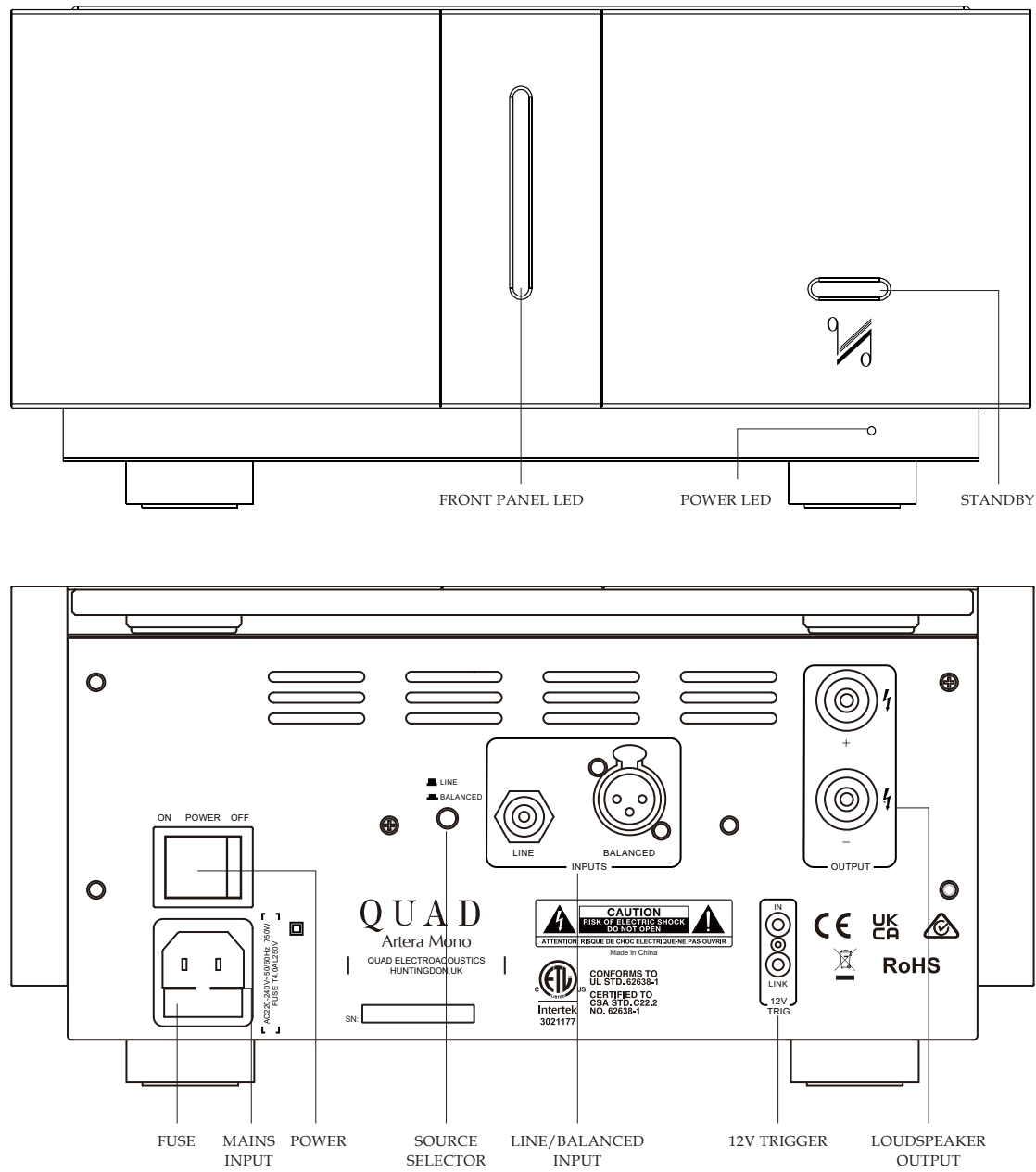
PLACEMENT

The unit must be mounted on a solid, level and stable surface. If you are likely to play your system at high volume levels, the Artera Mono should be mounted on its shelf with sufficient ventilation above and to the sides and rear.

Before you connect the Artera Mono to the mains, 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 which has a different AC mains voltage, seek advice from a QUAD appointed dealer or a competent service technician.

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CONTROLS AND FUNCTIONS



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CONNECTIONS

Open the carton box and take out the glass top and the Artera Mono separately. Place the Artera Mono onto a sturdy flat surface or suitable flooring. Place the decorative glass insert on the top of Artera Mono after making all connections.

Before making any connections to your high-fidelity equipment make sure that all units in the system are switched off and unplugged at the mains.

Signal Input Connections

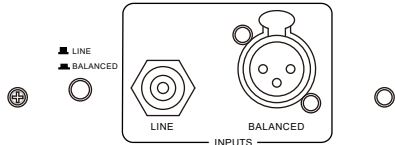
Balanced XLR Connections:

We strongly advocate the use of balanced XLR connections. If you are connecting a QUAD Artera Mono power amplifier to the QUAD Artera Play+ CD player, QUAD Artera PRE or any other component that benefits from a balanced XLR connection, we recommend this as the preferred connection type.

XLR inputs use 3 conductors, one for ground and two for the voltage plus and minus signals. In this way, the signal transmitted to the amplifier is thus 'cleaner' and free from earth-induced currents and other air-borne interference.

Unbalanced Connections:

If you cannot use the BALANCED inputs, the Artera Mono can still offer premium performance via the LINE input connection. The UNBALANCED inputs offer a RCA input connector.



Input Selector:

When connecting the signal input, ensure the Input Selector is switched to the appropriate input.

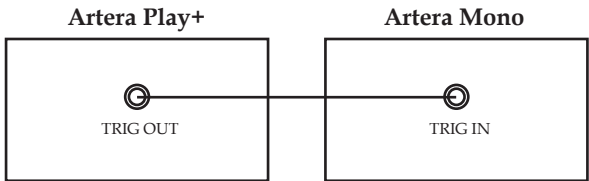
- In the normal (extended) position the unbalanced RCA input.
- Press the selector in for balanced XLR input.

Trigger Connections

If you have an Artera system, we advise connecting the trigger. This will enable all Artera units to be brought in and out of standby simultaneously when you switch on your source playback unit.

To connect to your control unit, you will need a cable with one end to match the trigger output of the control unit and the other terminating in a 3.5mm jack plug. For Artera series units, this will be a 3.5mm to 3.5mm interconnect.

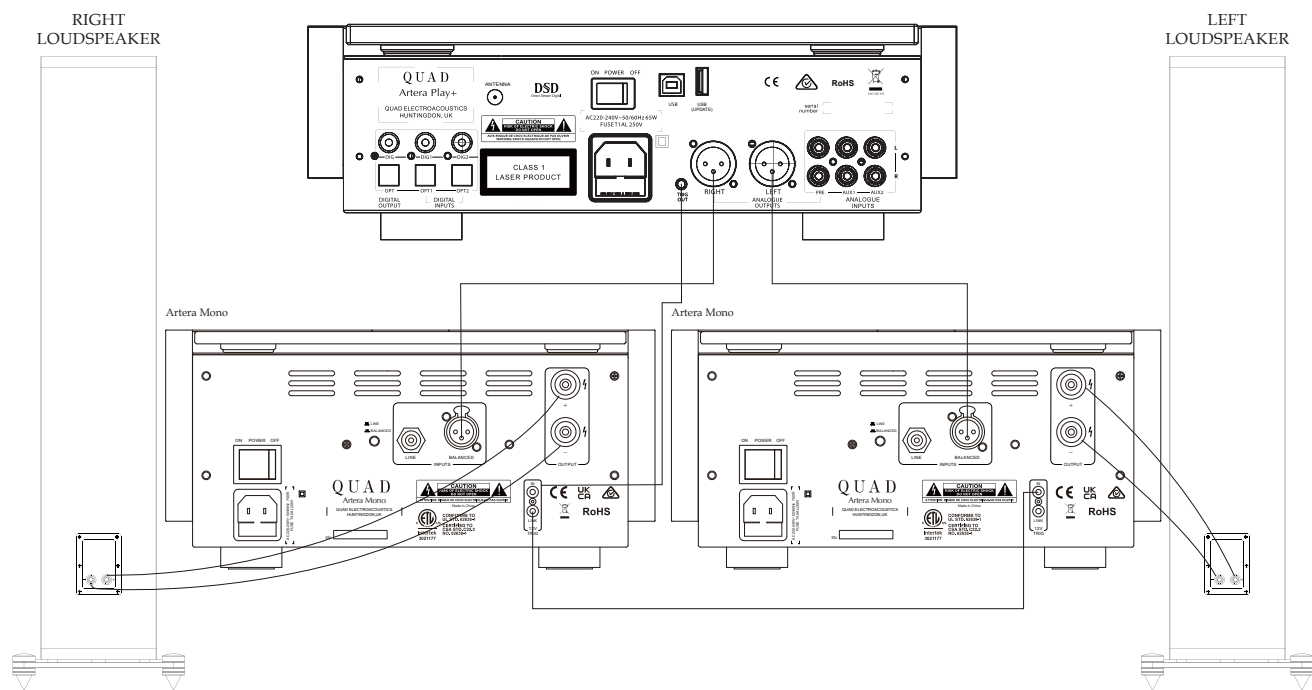
Connect the TRIG IN of Artera Mono to the TRIG OUT of the playback source (e.g. Artera Play+), or any other control unit having a 12V master trigger out. And, connect the LINK to another Artera Mono's TRIG IN to build a complete TRIG system.



Note: the Power On/Off switch should be left switched ON as the Artera Mono will be switched remotely by the source playback unit when it is brought out of standby. The On/Off switch should be switched off when the source playback unit is not in use.

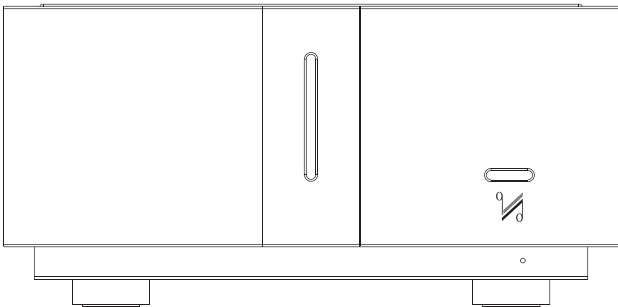
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SYSTEM OPERATION



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OPERATION



Switching On

The Artera Mono power amplifier Mains ON/OFF switch is on the rear panel. Press the switch to power Artera Mono on/off. The power indicator LED at the right bottom corner of the main chassis front will glow red when the amplifier is powered on.

Note: Always switch on the power amplifier after the rest of the system and switch it off before powering down any source component. Ensure the system volume control is at a minimum when switching your equipment on or off.

Standby Mode

Artera Mono will be in standby mode when powered on. The power indicator LED at the right bottom corner of the main chassis front is lit. Press the standby button on the front panel to bring Artera Mono out of standby. The power indicator LED is off, and the backlight on the middle of the front panel is lit.

The auto-standby feature will put the unit into standby after 20 minutes of inactivity. This is the default setting. If preferred, this feature can be disabled.

To disable and enable the auto-standby feature, while the unit is switched on, press and hold (long-press) the standby button on the front panel until the standby LED indicator blinks.

Release the standby button and then immediately press and release (short-press) the standby button to change the setting. Repeat this short-press process within two seconds to toggle between auto-standby on and off.

Auto-Standby On (Default) – LED flashes once

Auto-Standby Off – LED flashes twice.

Once you have selected your desired mode, simply leave the unit for a few seconds. The standby button will return to it’s normal operation, and your chosen auto-standby mode will now be saved.

Front Panel LED

Artera Mono has a white LED strip on the front panel. The LED will be lit when the unit is powered on. The LED indicator can be deactivated if preferred.

To deactivate the LED press and hold the standby button for 5s. After 5s the white LED will flash once. After the flash (within 5s) press the standby button again. The LED will flash twice and after 5s, the LED strip will deactivate and turn off.

The LED can be reactivated. Press and hold the standby button for 5s and press once more. The LED will flash once and then remain on.

The default setting is always on. Note: the white LED strip will be lit 5s after power is on even when deactivated. After 5s, the LED will deactivate if the ‘off’ mode has previously been selected.

Protection Mode

Artera Mono is protected by a thermal switch which interrupts the AC Power supply if the amplifier is grossly overloaded.

To restore operation, simply press the standby button on the front panel. It is thus fully protected against gross overload, short-circuited output etc., but not necessarily against seriously inadequate ventilation.

The backlight is off, and the power indicator LED flashes when the unit is in protection mode.

Loudspeaker Phasing

Make sure that both channels are connected in phase. The positive (red) output terminal of each channel should be connected to the positive (red) terminal of the speaker. Special care should be taken when the bi-wiring phase becomes critical.

If there is a doubt about the way the loudspeakers are connected, check their phasing by playing a mono source - the sound should appear from a point midway between the two loudspeakers. If this position is unfocused, reverse the connections to one of the midrange. Correctly connected loudspeakers give a defined centre sound source with fuller-bodied midrange and bass registers.

SPECIFICATIONS

(Measurement made with 230V supply, one channel driven and applied to either channel)

Model	Artera Mono
Rated Output Power	300W @8ohms (THD=1%, 1kHz) 400W @4ohms (THD=1%, 1kHz)
Total Harmonic Distortion	<0.006% (100W, 1kHz, bandwidth 20Hz-20kHz) <0.03% (100W, 10kHz, bandwidth 20Hz-90kHz)
Frequency Response	+ / - 0.3dB (20Hz-20kHz, ref. 1kHz)
Input Sensitivity	0.98Vrms (Unbalanced), 2.1Vrms (Balanced)
Input Impedance	10K ohms (Balanced/Unbalanced)
Signal to Noise Ratio (S/N)	112dB (A-weighted, ref. 300W)
Power Requirement	220V-240V~50/60Hz 100V-115V~50/60Hz
Maximum Power Consumption	750W
Standby Power Consumption	<0.5W
Dimensions (mm) (W x H x D)	320 x 158 x 338
Carton Size (mm) (W x H x D)	465 x 260 x 465
Weight	13kg (Net) 17kg (Gross)

WARRANTY COVERAGE

QUAD warrants its products, subject to the following terms and conditions below, to be free from defects in materials and workmanship.

Online Registration



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 <https://www.quad-hifi.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. QUAD 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 or local distributor for further information.

Exclusions

The following items are excluded from the QUAD 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 QUAD 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)

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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 QUAD or its authorised service partners.

Damage in transit that cannot be attributable to the fault of QUAD, 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.

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 QUAD 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.

QUAD 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 can not be held liable for loss or damage in transit. Insurance and freight charges on the return journey will be paid for by QUAD, 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, QUAD 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, QUAD 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.

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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@quad-hifi.co.uk

For information on other authorised service centres worldwide contact QUAD International, UK.
 A worldwide distributors list is available on the QUAD website: www.quad-hifi.co.uk



Correct Disposal of this product. This marking indicates that this product should not be disposed of 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 environmentally safe recycling.

QUAD

IAG House, 13/14 Glebe Road, Huntingdon, Cambridgeshire, PE29 7DL, UK
Tel: +44(0)1480 452561 Email: service@quad-hifi.co.uk <http://www.quad-hifi.co.uk>
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