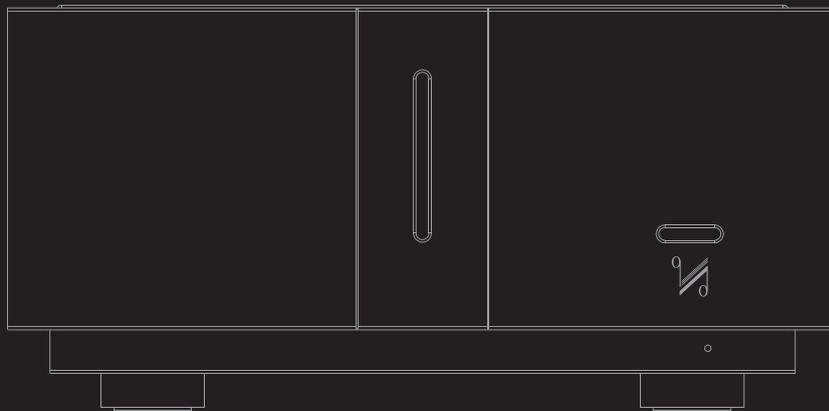


# Artera Stereo



Owner's Manual

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**QUAD** *the closest approach to the original sound*

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## IMPORTANT SAFETY INFORMATION



This lightning flash with 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 dry cloth.

Do not block any ventilation openings. Install in accordance with 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 plug. 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 replacement of the obsolete outlet.

Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.



Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

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 spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

**Mains Supply:** The mains operating voltage of all QUAD Artera series units is shown on the rear panel. If this voltage does not match the mains voltage in your area, consult your QUAD dealer about converting the unit.

The mains supply fuse on the rear panel is accessible when the IEC mains plug has been removed. In the rare event that it has broken, check for any obvious cause before replacing the fuse with one of the correct rating and type. The fuse values are:

220 – 240V (UK, China, etc.) T4.0AL 250V Slow Blow

100 – 120V (USA, Japan, etc.) T8.0AL 250V Slow Blow

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

**WARNING:** For the terminals marked with symbol of "⚡" 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 used of ready-made leads or cords.

**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 open space. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.

**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 ensure that objects filled with liquids, such as vases, shall not be placed on the apparatus. No naked flame sources, such as lighted candles, should be placed on the apparatus.



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 electrical earth.

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# QUAD

## Artera Stereo

### USER GUIDE

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## INTRODUCTION

Welcome to QUAD Artera, the most complete series of modern source and amplification units that you need to create a fully functional hi-fi system for today's multitude of music sources.

Whether your choice is an all-in-one and simple-to-use Artera CD player or the separate CD Digital Source and Power Amplifier units, QUAD Artera delivers uncannily realistic sound quality from beautifully engineered electronics.

The uncluttered fascia cleverly hides the complexity of electronics inside Artera. QUAD engineers have excelled themselves in providing everything you need to interconnect digital and analogue sources and play them without having to work through a minefield of buttons and knobs.

In addition our engineers have not lost sight of QUAD's legendary performance – Artera for 'The Closest Approach To The Original Sound'.

## UNPACKING THE EQUIPMENT

The Artera Stereo carton contains:

- The Artera Stereo Power Amplifier
- The Artera Stereo Owner's Manual
- One Glass Top for Artera Stereo Power Amplifier
- One IEC mains cable with a plug suitable for your area

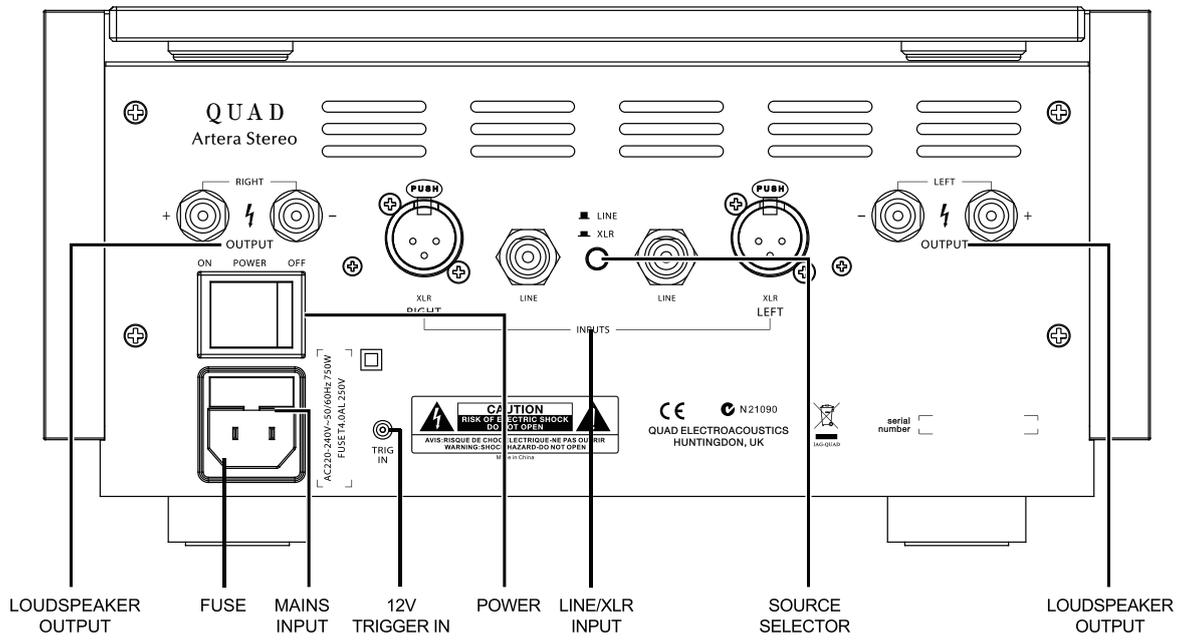
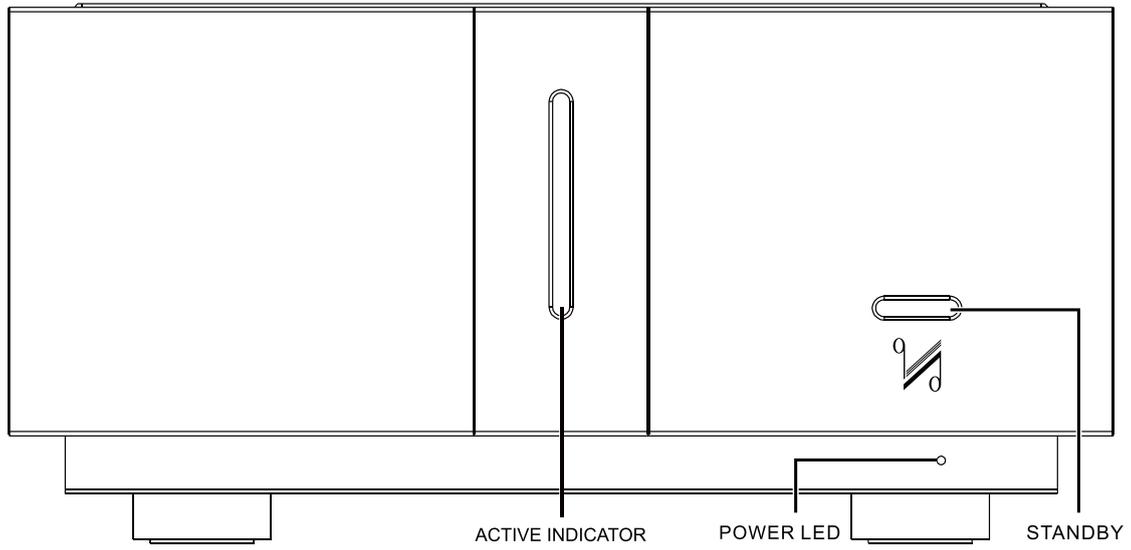
Consult the dealer from whom you purchased the equipment if any item is not present. Carefully unpack the unit and accessories, so as not to damage the surface finish. Retain the packing materials for future use. Retain the user manual and information concerning the date and place of purchase of your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

## PLACEMENT

Place the unit on a sturdy shelf or table. The unit is designed to run warm during normal operation. Do not place anything on top of the unit. If you are using an equipment rack ensure the unit has sufficient space to allow adequate ventilation and is on its own shelf.

Before you connect the QUAD Artera Stereo to the mains, ensure your 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 mains voltage, seek advice from a QUAD appointed dealer or a competent service technician.

## CONTROLS AND CONNECTIONS



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## INSTALLATION

Open the carton box, take out the glass top and the Artera Stereo separately. Place the Artera Stereo onto a sturdy shelf or table. Put the glass top on the lid of Artera Stereo after making all connections.

### Mains Connections

The Mains On/Off switch is on the rear panel. Before connecting your QUAD equipment to the AC mains supply, check and make sure the voltage marked on the back matches the voltage of your supply.

When the amplifier is connected to a source unit (e.g. Artera Play CD player) using the 12V triggers, this switch should be left switched on as the amplifier will be remotely switched by other source units. Where the amplifier is not part of a trigger enabled system, the Mains ON/OFF switch should be switched off when the amplifier is not in use.

### Signal Input Connections

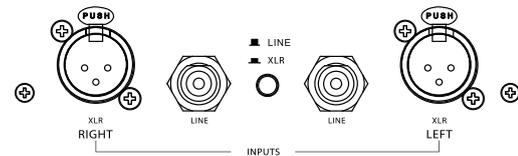
#### Balanced XLR Connections:

If you are connecting a QUAD Artera Stereo power amplifier to the QUAD Artera Play CD player, we strongly advocate the use of the balanced XLR connections. 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.

XLR interconnects should be of screened, twisted pair construction. Refer to your dealer if in doubt.

#### Unbalanced Connections:

If you cannot use the XLR inputs, connect an RCA phono interconnect between the unbalanced inputs on the Artera Stereo rear panel with the matching output of the source unit.



#### Input Selector:

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

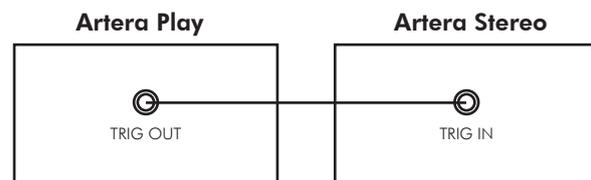
- In the normal (extended) position the unbalanced RCA phono input.
- Press the selector in for balanced XLR input.

### Trigger Connections

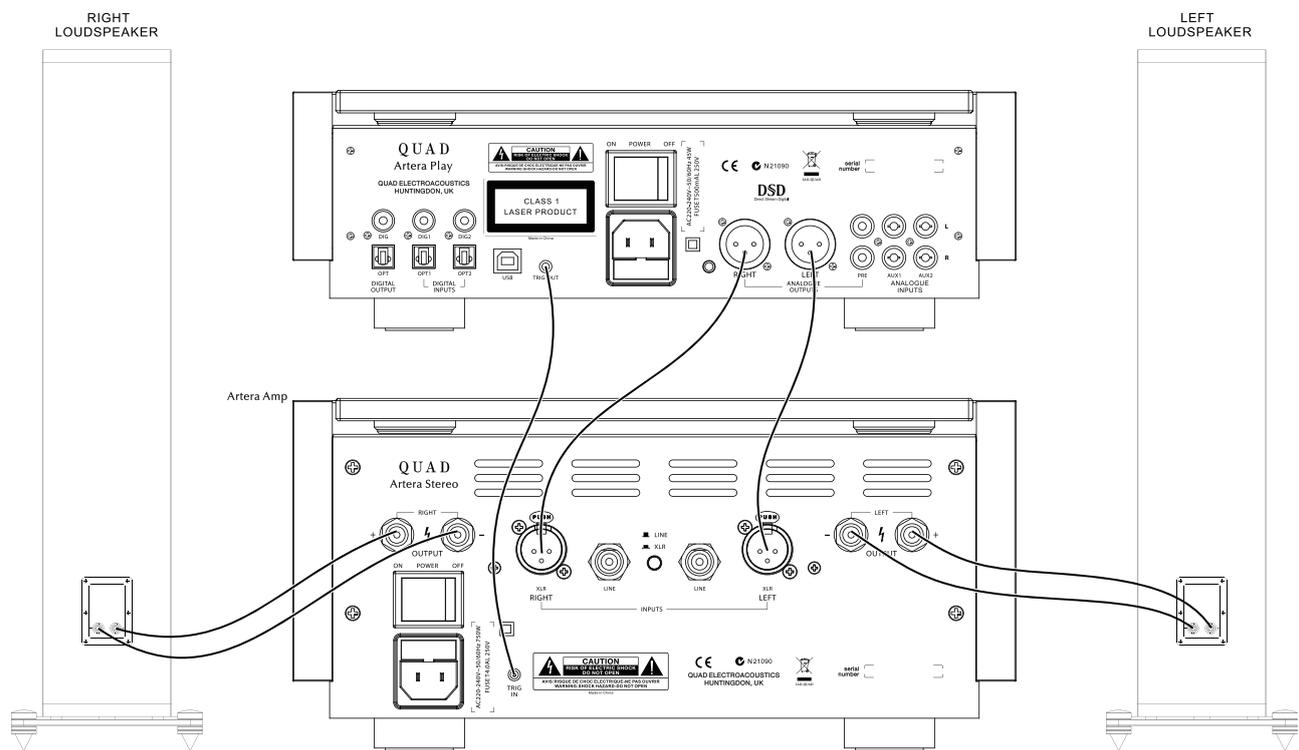
If you have an Artera system, we advise connecting the trigger. This will enable all Artera units to be brought in and out of standby along with trigger inputs and outputs.

To connect to your control unit, you will need a cable with one end to match the trigger output of the control unit and 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 Stereolifier to the TRIG OUT of Artera Play or other Artera source unit, or any other control unit having a 12V master trigger out.

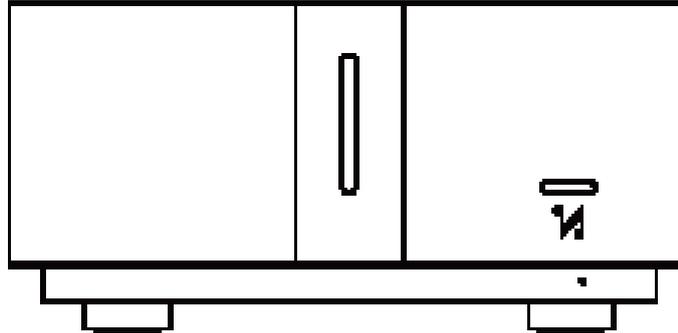


## System Connection



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## OPERATION



### Switching On

The Artera Stereo power amplifier Mains ON/OFF switch is on the rear panel. Press the switch to power Artera Stereo 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 minimum when switching your equipment on or off.

### Standby Mode

Artera Stereo 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 Stereo out of standby. The power indicator LED is off, and the back light on the middle of front panel is lit. You can activate the 'auto standby' function by holding the standby button down for 3 seconds. Using this 'auto standby' function, Artera Stereo will automatically go into standby mode when there is no signal input or operation for 20 minutes.

### Protection Mode

Artera Stereo is protected by a thermal switch which interrupts the AC Power supply if the amplifier is grossly overloaded for a period of time. 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 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 bi-wiring as 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 center sound source with fuller bodied midrange and bass registers.

### Maintenance

The surface of the equipment may be cleaned with a barely damp cloth provided the power has been switched off. Solvent based cleaners should not be used.

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## SPECIFICATIONS

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

<b>Rated Output Power</b>	140W 8 ohm (<1% THD,1kHz)
<b>Total Harmonic Distortion</b>	<0.003% (100W, 1kHz) <0.03% (100W, 20Hz-20kHz)
<b>Frequency Response</b>	-0.5dB (20Hz-20kHz, ref. 1kHz) -3dB (20Hz-70kHz, ref. 1kHz)
<b>Input Sensitivity</b>	980mV(RCA line in)
<b>Input Impedance</b>	10kohm (Balanced) 15kohm (Unbalanced)
<b>Signal to Noise Ration(S/N)</b>	115dB (A weighted, ref. 140W)
<b>Power Requirement</b>	240V~50-60Hz 230V~50-60Hz 115V~50-60Hz 100V~50-60Hz
<b>Maximum Power Consumption</b>	750W
<b>Standby Power Consumption</b>	<0.5W
<b>Dimensions(mm)(W x H x D)</b>	320 X 158 X 338
<b>Carton Size(mm)(W x H x D)</b>	465 x 260 x 465
<b>Weight</b>	15kg (Net) 17kg (Gross)

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## **CARE AND CLEANING**

While cleaning is in progress the AC power cord must be unplugged from the AC power supply socket.

The surface of the equipment should be cleaned with a damp soft cloth. Solvent based cleaning materials should not be used as they may damage the finish.

If you have any queries regarding the use of QUAD equipment, consult your dealer.

## **WARRANTY**

QUAD equipment is guaranteed against any defect in material and workmanship for a period of one year from the date of purchase. Proof of purchase is required for warranty claims.

Please complete and return the enclosed Warranty Registration Form. Within the warranty period QUAD will undertake replacement of defective parts free of charge provided that the failure was not caused by misuse, accident or negligence. Your statutory rights within the territory in which you purchased the equipment is not affected by this warranty.

QUAD carries out regular reviews and reserves the right to adjust the specifications and performance from time to time.

## **SERVICING**

Product service enquiries should, in the first instance, be referred to the supplying dealer. If you need to return your equipment for servicing we recommend that it is shipped in its original packing.

In cases of difficulty or for other product enquiries please contact the appointed QUAD distributor for your country. Principal Service Centre addresses and contact numbers can be found below.

For information on worldwide authorized service centres, please read worldwide distributor list on the QUAD website: [www.quad-hifi.co.uk](http://www.quad-hifi.co.uk).



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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QUAD

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