

Artera Mono

Mono Power Amplifier



**available in BLACK and SILVER finishes*

Recommended Retail Price: £ 1,299 / piece

QUAD

the closest approach to the original sound

MONO MANIA

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 the latest 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.

Following Peter Walker's famous quote that the perfect amplifier would be 'a piece of wire with gain', inferring that the least complication to the signal path is desired, signal purity is imperative in any **QUAD** design, the **Artera Mono** takes this concept to a new level with the use of OCC cabling at the output stage.



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OCC (Ohno Continuous Cast) is derived from a process that was developed to help defeat annealing issues and virtually eliminate all grain boundaries in copper or silver with a unique patented process. The OCC casting method uses specialized heated moulds in order to draw a single crystal up to 125 meters in length. With only a single crystal in very long lengths, there is an unimpeded free path for the best possible signal transfer. Along with this superior, singular crystal structure, OCC provides copper and silver with the least possible oxides and other impurities.

In high contrast to OCC, the materials traditionally used in audio electronics is classed as OFC (Oxygen Free Copper). As impressive as OFC can be, by nature still has a multitude of grain boundaries and other impurities. OFC has around 400 crystals per foot and despite its name, OFC typically has an oxygen content of about 10 ppm. Thus, the **Artera Mono** OCC design ensures the purest of output signal offerings.

Delivering 300 watts per channel (into 8 ohms) the **QUAD Artera Mono** is equipped to drive the most demanding of systems. It offers instant overload recovery and full protection against over-driving without resorting to output line fuses or relays. It has the power to grip almost any speaker with relative ease – but they do it in a confident, almost understanding way instead of attempting to impress with sheer brute force.



Like the rest of the **QUAD Artera** components, **Artera Mono** is subtly understated and available in silver and black finishes. **Artera's** crisp, clean aesthetic both evokes **QUAD's** part and looks forward to the future. The housing provides a rigid structure that exudes quality and resists interference from external vibrations, with a textured aluminium front panel, inlaid glass top and CNC-routed heat sink on either side.



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Artera Mono

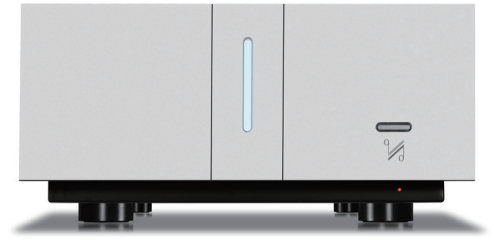
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KEY FEATURES

- QUAD's patented current dumping technology developed by QUAD's legendary founder Peter Walker
- Artera's all-new ultra-low noise transformers and power supply components have been specially selected following extensive listening tests
- Class AB power amplification: 300 watts into 8 ohms
- OCC cabling for the purest of signal paths to the output stage
- Dual operational modes: line and balanced
- Separate pre-power sections for flexibility of operation
- Automatic equipment activation via 12V trigger
- Auto standby function
- Inputs: XLR (balanced) and 6.3mm jack (line) inputs

Specifications

Model	Artera Mono
Rated Power Output	300 Watts 8 ohm (THD=1%,1kHz)
Total Harmonic Distortion	<0.006% (100W, 1kHz) <0.03% (100W, 20Hz-20kHz)
Frequency Response	+/-0.3dB (20Hz-20kHz, ref.B31kHz)
Input Sensitivity	0.98Vrms (Unbalanced) 2.1Vrms (Balanced)
Input Impedance	10kohm (Balanced/Unbalanced)
Signal to Noise Ration(S/N)	112dB (A weighted, ref.300W)
Gain	34dB
Power Requirement	220-240V ~ 50-60Hz 100-120V ~ 50-60Hz
Requirement Maximum Power Consumption	750W
Standby Power Consumption	0.5W
Dimensions(mm)(W x H x D)	320 x 158 x 338
Carton Size(mm)(Wx H x D)	465 x 260 x 465
Weight	13kg (Net) 17kg (Gross)



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