

		
Model Name	Elite CDS	Elite CDP
General Description	Compact Disc Player	Compact Disc Player with Pre-Amp
D/A Converter	Crystal CS4398 24 bit DAC	Crystal CS4398 24 bit DAC
Resolution		16-24 bit
Input Sampling Rates		32-96kHz
Frequency Response	20Hz – 20kHz (+0dB / -0.7dB)	20Hz – 20kHz (+0dB / -0.7dB)
Max.Audio Line Output	2.4V RMS, RCA 4.8V RMS, Balanced (Quadlink)	2.4V RMS, RCA (Fix & Variable Output) 4.8V RMS, Balanced (Quadlink)
Output Impedance	120Ω	120Ω
Total Harmonic Distortion	<0.0013% at 1kHz	<0.0013% at 1kHz
Dynamic Range	>100dB 'A' wtd. 16 bit	>100dB 'A' wtd. 16 bit >117dB 'A' wtd. 24 bit
Signal to Noise Ratio	>113dB, Digital Silence (20Hz – 20kHz) >116dB, Digital Silence (20Hz – 20kHz) 'A' wtd >94 dB, 16bit (20Hz - 20kHz) >97 dB, 16bit (20Hz - 20kHz) 'A' wtd	>113dB, 24bit (20Hz – 20kHz) >116dB, 24bit (20Hz – 20kHz) 'A' wtd >94 dB, 16bit (20Hz - 20kHz) >97 dB, 16bit (20Hz - 20kHz) 'A' wtd
Crosstalk	<-120dB at 1kHz	<-120dB at 1kHz
Digital Audio Inputs		3 x RCA Coax 75Ω, SPDIF 3 x Optical TosLink, SPDIF
Digital Audio Output	1 x Optical TosLink, SPDIF	1 x Optical TosLink, SPDIF
Disc Compatibility	CD-DA Conventional Audio CD CD-R Recordable CD	CD-DA Conventional Audio CD CD-R Recordable CD
Main Power On/Off Switch	Yes	Yes
Dimensions (H x W x D)	70 x 321 x 310 mm	70 x 321 x 310 mm
Weight	4.5 kg	4.5 kg
Finish	Black	Black
Remote Control	31 keys	31keys

				
Model Name	Elite Stereo	Elite Mono	Model Name	Elite FM
General Description	Stereo Power Amplifier	Mono Power Amplifier	General Description	FM Tuner
Rated Power Output	80W RMS x 2, 8Ω	150W RMS, 8Ω	Tuning Range	88 – 108MHz
Frequency Response	0.2Hz – 75kHz (+/-3dB)	0.2Hz – 80kHz (+/-3dB)	Channel Spacing	50kHz
Total Harmonic Distortion	<0.005% at 70W, 1kHz <0.05% at 70W, 20kHz	<0.005% at 100W, 1kHz <0.05% at 100W, 20kHz	Sensitivity (30dB quieting)	Mono 8dBuV
Signal to Noise Ratio	>105dB (20Hz – 20kHz) ref 100w	>105dB (20Hz – 20kHz) ref 100w	Sensitivity (50dB quieting)	Mono 18dBuV Stereo 18dBuV
Input Specifications			Full Limiting	<1μV (1.2dBf)
RCA Phono Input			Capture Ratio	1.5dB
Input Sensitivity (RCA)	775mV(for max output)	775mV(for max output)	IF Rejection	>100dB
Input Impedance (RCA)	33KΩ	33KΩ	AM Supression	>60dB
AMPBUS Input			Image Rejection	>80dB
AMPBUS Input Sensitivity	2.0V(for max output)	2.0V(for max output)	Pilot Tone Supression	>60dB
AMPBUS Input Impedance	10KΩ	10KΩ	De-emphasis	50μS or 75μS
Main Power On/Off Switch	Yes	Yes	Aerial Input	2 x 75Ω unbalanced
Dimensions (H x W x D)	70 x 321 x 310 mm	70 x 321 x 310 mm	Main Power On/Off Switch	No
Weight	6.25 kg	6.5 kg	Dimensions (H x W x D)	70 x 321 x 310 mm
Finish	Black	Black	Weight	2.8kg
			Finish	Black

			
Model Name	Elite Pre	Model	Elite INT
General Description	Stereo Pre-amplifier	General Description	Integrated amplifier
Inputs	3 x Aux RCA, 1 x Tape, 1 x Phono MM (MC)	Pre-amplifier Section	
Frequency Response		Gain(line inputs)	37dB max.
Line Inputs	1Hz – 20kHz +0dB / -0.3dB 0.1Hz – 70kHz +/-3dB	Input Sensitivity	300mV,775mV
MM & MC Inputs	20Hz – 20kHz +/- 0.5dB	Output Voltage	775mV (3.3 volts maximum)
Phono Inputs MM (MC)		Output Impedance	100Ω
Sensitivity	1.3,or 7.75mV (100,300 or 775μV)	Tape Out Impedance	330Ω
Signal to Noise Ratio	78dB (A) ref 7.75mV (775μV)	Inputs	2 x RCA input,TAPE IN
Total Harmonic Distortion	<0.05% (0.01%)	Outputs	1 x Pre-out,TAPE OUT
Output Specifications		Power Amplifier Section	
RCA Phono Output Level	775mV (3.3V Max)	Rated Power Output	2 x 70W
Impedance	100Ω	Frequency Response	20Hz~20KHz (+/-0.3dB)
AMPBUS Output	2V (8V Max)	Total Harmonic Distortion (THD)	<0.005%
Impedance	20Ω	Signal-to-noise Ratio (S/N)	>75dB
Tape Output Level	100, 300, 775mV (10V Max)	Dimensions (H×W×D)	70 x 321 x 310mm
Impedance	330Ω	Net Weight	6.6KG
Main Power On/Off Switch	Yes	Power Requirements	230V (50 ~ 60Hz), 115V(50 ~ 60Hz), (depending on region)
Dimensions (H x W x D)	70 x 321 x 310 mm		
Weight	4.42kg		
Finish	Black		
Remote Control	43keys		

			
Model	Elite QMP	Model	QSP Amplifier
General Description	Mono Power Amplifier	General Description	Stereo Power Amplifier
Design Philosophy And Core Technology	Current Dumping	Design Philosophy And Core Technology	Current Dumping
Rated Power Output	260W RMS (8Ω)	Rated Power Output	140W RMS (8Ω)
Gain	33.5dB	Gain	32.8dB
Input Sensitivity	845mV	Input Sensitivity	760mV
Input Impedance	11.7kΩ (balanced) 7.8kΩ (unbalanced)	Input Impedance	4.7kΩ (balanced) 10kΩ (unbalanced)
Frequency Response	10Hz - 50kHz (+/-1dB)	Frequency Response	0.075Hz - 55kHz (-3dB) DC - 29kHz (+/-1dB)
Total Harmonic Distortion (THD)	<0.05%	Total Harmonic Distortion (THD)	<0.0038%
Signal-to-noise Ratio (S/N)	>80dB	Signal-to-noise Ratio (S/N)	90dB (A-weighted)
Dimensions (H×W×D)mm	184×319×312	Damping Factor	235
Power Requirements (depending on region)	230V (50 ~ 60Hz), etc.	Dimensions (H×W×D)mm	149×328×270
		Net Weight	12.5 Kg
		Power Requirements (depending on region)	230V (50 ~ 60Hz), etc.

Elite series

QUAD

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QUAD

the closest approach to the original sound



Elite series



Quad's reputation as a manufacturer of high end audio and electronic products engineered using state-of-the-art technology and the latest of innovations has earned the brand numerous recognitions worldwide.

The Elite Series was developed employing the strongest design features derived from its predecessor but exhibits updated internal audiophile-class components, highly specified transformers, multi-layer circuit boards and the most advanced software available. The Elite's 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.

Devised as a fully integrated system, each product in the Elite series works best when paired with one another. Every product is enhanced according to the highest of our engineering standards to ensure that ease of use, seamless connectivity, fully balanced audio signal transmission and intelligent control systems that allow complete control via the remote handset is achieved.

Encased in a modern aluminium casework design constructed using superior class cast alloy and finished in deep grey with a matte black front panel which maintains Quad's bold but stylishly elegant aesthetic, the Elite guarantees a valuable investment that will last a lifetime whilst garnering much merit over years of use.

Elite CDS

The Elite CDS enjoys significant revisions throughout, including a new transport mechanism and servo system. Digital data stream is regulated by a high-performance master clock to minimise jitter (phase noise), then fed to a top-end Crystal 24-bit/192kHz DAC with upsampling, which displaces the older 24-bit/96kHz chip used by its predecessor. The highest quality electronic components are specified throughout, with multi-layer circuit boards and Quad's advanced, proprietary filtering and control software.

Elite FM

Designed specifically to cater to the needs of consumers requiring strong signal transmissions and high quality reproduction of music broadcasts, the Elite FM is "the" tuner to do just that. Similar to its 99 series predecessor, the Elite FM tuner can be connected to the rest of the Elite system via our proprietary 'QUADLINK' bus system to enable complete system control with balanced line audio transmission.

Elite Integrated

The Elite Integrated is an offspring of Quad's 'closest approach to the original sound philosophy and combines all the virtues possessed by the Elite Pre and Stereo power amplifier in one single chassis. A selection of input and output connections and functions are available in the Elite Integrated complemented by a QUADLINK™ terminal located at the rear of the unit that serves as a communication link and provides balanced signal transmission from the Elite CDS CD player and/or the Elite FM Tuner - an indulgence for audiophiles demanding simplicity in operation.

Elite CDP

The Elite CDP uses a bespoke designed transport mechanism optimised to allow the unit to perform at utmost perfection. Its Crystal 24-bit/192kHz DAC converts digital data into analogue signal, which is available as either fixed level for use with a traditional pre-amplifier or as a variable level to allow direct connection to a power amplifier. It features six digital inputs to accommodate a range of PCM streams coming from digital outputs such as a DAB tuner, TV/satellite box, or computer soundcard and accepts sampling frequencies covering 32kHz to 96kHz.

Elite Pre

The Elite Pre forms the heart of any system in which it is placed, and a great deal of work has been undertaken to further enhance the excellent levels of musical transparency delivered by its 99 Series predecessor. This has been achieved by careful component selection and re-tuning of the signal path, whilst maintaining the advanced facilities that are unique to Quad's solid-state pre-amps, including QUADLINK™ and AMPBUS connectivity, by pass-switchable filter adjustment for bass and treble, and Quad's unique 'Tilt' control that tailors the entire frequency response to suit the user's preferred balance. The Elite Pre is packed with technical innovation including noiseless solid-state signal switching and digitally addressed analogue volume and balance controls, which track both left and right channels with exceptional accuracy (better than 0.1dB). A highly specified built-in phono stage is provided for analogue turntables, too.

Pre & Integrated Remote

CDS & CDP Remote

Elite Mono

Elite Stereo



The Elite Mono power amp has been carefully revised to ensure it retains its predecessors' acclaimed musicality, whilst delivering enhanced punch and drive, alongside greater finesse and resolution. New ultra-low-noise transformers are used, and all power supply components have been specially selected following extensive listening tests. Delivering 150W, the Elite Mono offers instantaneous overload recovery and full protection against over-driving without resorting to output line fuses or relays, which degrade the quality of the audio signal.

The Elite Stereo amp has been carefully revised to ensure it retains its predecessors' acclaimed musicality, whilst delivering enhanced punch and drive, alongside greater finesse and resolution. New ultra-low-noise transformers are used, and all power supply components have been specially selected following extensive listening tests. Delivering 2 x 80W, the Elite Stereo offers instantaneous overload recovery and full protection against over-driving without resorting to output line fuses or relays, which degrade the quality of the audio signal. It also delivers more sonic presence and impact than its predecessor, whenever the music requires it.

Elite QSP and QMP

Current dumping may still be the most valuable technological breakthrough pioneered by Quad. The method eliminates problems allied to transistor amplifiers providing a steady performance and eradicating the need for fine tuning adjustments within the production line.

Inside amplifiers applied with the 'current dumping' feature, there is a high quality low power output amplifier which emits a signal that compensates for errors involving the input signal and the signal fed to the loudspeaker, and a high power output amplifier that manages the loudspeaker at all times while supplying the current to generate sound. The effect is that the quality and precision of the output signal depends solely on the performance of the low power amplifier.

The Elite QSP stereo power amplifier is a by-product of the famed 909 Stereo. It builds upon the features which made the 909 Stereo a highly successful product particularly in its current dumping feature, with improvements were made in its electronic components and chassis. It is ideal for driving low-impedance audiophile loudspeakers such as the Quad ESL.

Incidentally, the Elite QMP is also a by-product of the earlier 909 Mono with enhancements distinctly noticeable in amplifier construction and circuitry, and is capable of producing an accurately balanced XLR. Moreover, the new Elite QMP now incorporates 'current dumping' allowing for a cleaner, more versatile performance.

* An optional system remote made of cast aluminium is also available. It functions as a universal remote and emulates the functionality of both Elite CDS/CDP and Pre/Integrated remote controls.

