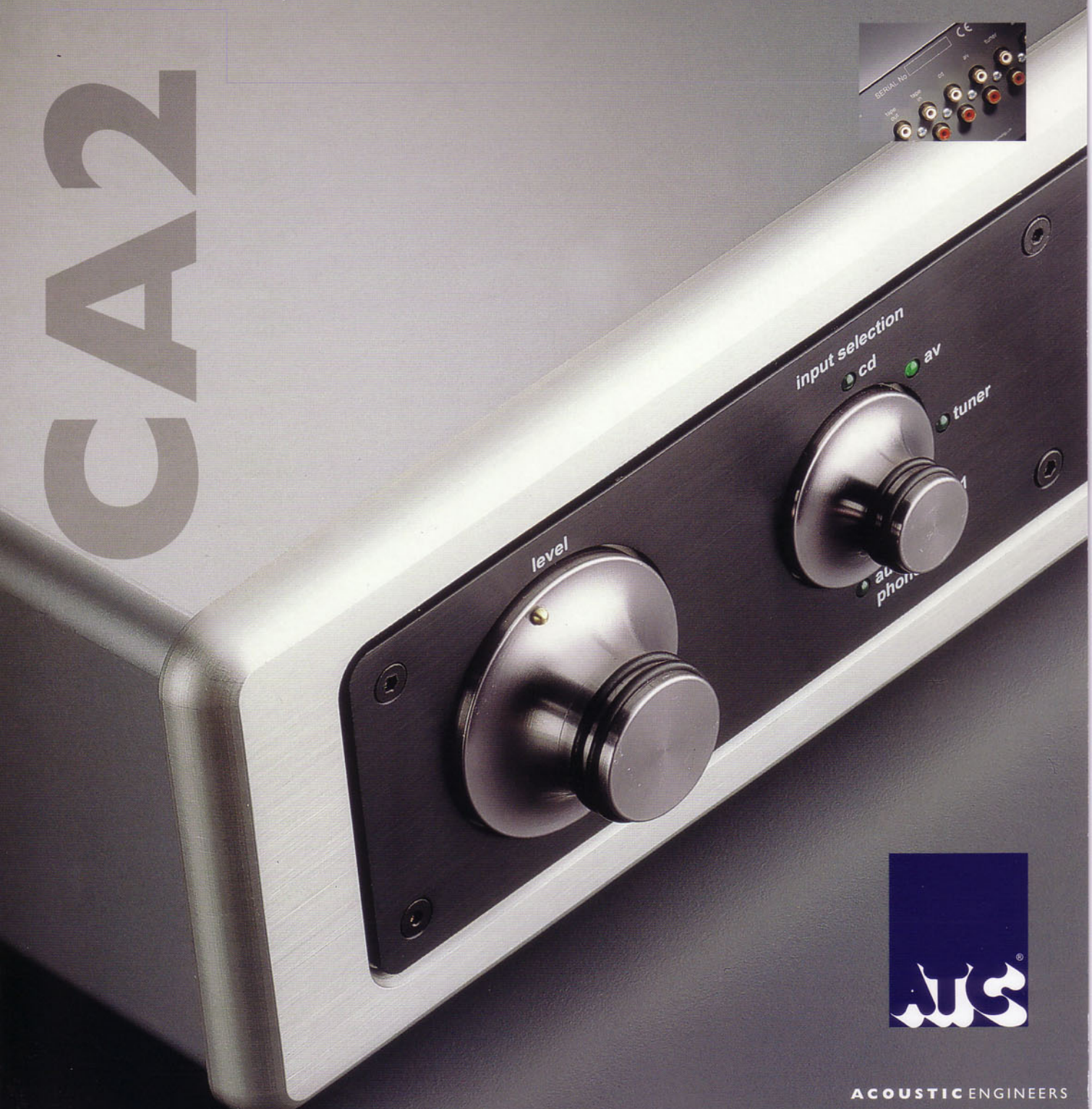


CA2

Preamplifier

CA2



ACOUSTIC ENGINEERS

CA2



Specifications

CA2

Main Output Level Amplitude	7.5V into 600ohms
THD	>110dB
Crosstalk	98dB @ 10kHz
Frequency Response	DC - >200kHz
Output Impedance	10 ohms
Tape Output	Direct
Input Impedance	20K ohms
Input Sensitivity	150mV for 1V out at full gain
Connections	All inputs RCA style (phono) connectors Main Outputs XLR unbalanced Tape output RCA style (phono) Headphone 'Jack'
Power Requirements:	
Supply	Selectable between 100V - 230V
Frequency	50/60Hz
Consumption	35VA max
Dimensions (HxWxD)	320 x 80 x 280mm
Weight	6.8Kg

ATC reserves the right to vary products and specifications without prior notice. Acoustic Transducer Co. is a trading name and ATC is the registered trade mark of Loudspeaker Technology Ltd.

Overview

The CA2 is a new 'budget' pre-amplifier from ATC that incorporates many of the key design features found in the company's state-of-the-art SCA2 audiophile model. But this is no 'budget' performer. When you first hear this pre-amp you'll be amazed by its transparency, wide bandwidth and low distortion. The CA2 delivers true high-end performance... at an unusually affordable price. The CA2 is a two-channel stereo design aimed where high-quality, low-cost compact listening solutions are necessary. Developed to drive both passive and active loudspeakers, its most likely partners will be ATC's Active TI6 and Active 10 systems. SACD and DVDA ready, the CA2 has a wealth of cutting-edge electronic design features.

The CA2 features a slimline case with the front panel and controls machined from solid aircraft-grade alloy. Easy turn controls and soft action buttons continue ATC's tradition of total hand-built quality and durability. Capable of driving cables up to 50 metres in length it makes an ideal choice for active systems. Circuitry has been designed specifically to avoid phase distorting ICs in the signal path, making full use of discrete component gain blocks. The input stage features a dual long tail pair of complementary transistors with cascoded junction FETs providing constant collector voltage. Output of the current mirrors is buffered by a pair of complementary Darlingtonts. There are separate power supplies for each channel, plus a digital input control. An optional close cartridge matching RRIA phono board is also available. The CA2 can be operated either from the front control panel or via its 'all-function' remote. It offers five line level unbalanced RCA style inputs, while a separate tape loop is included with the monitor option selected by a single push button.



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