

C D A 2 M k 2
CD pre-amplifier, DAC



C D A 2 M k 2 compact disc pre-amplifier, DAC

ATC's reputation for the design and manufacture of unique high performance loudspeaker drive units is legendary with new concepts of design evolving and being perfected continually since its inception in 1974.

The same is true of ATC's equally innovative and successful high performance audio electronic products. It all started in 1982 with the EC23, a stereo, 3-way electronic crossover incorporating phase correction and momentary gain reduction – features that are incorporated in all ATC active loudspeaker systems to this day. The EC23 was the controller for all large ATC active loudspeakers right up to the development in 1996 of the SPA24-850, a stand-alone stereo Ampack for the control and amplification of SCM200 and SCM300 monitors.

But it was the development of the SCM50A active 3-way monitor in 1985 that changed everything. An aluminium plate and heatsink that bolted straight into the back of the loudspeaker cabinet onto which three power amplifiers were mounted: 200W bass, 100W mid-range and 50W high frequency, incorporating phase correction and momentary gain reduction. This technology is why all ATC active monitors have a flat magnitude response, an excellent minimum phase response and are factory set to prevent the amplifiers from clipping when driven hard. There is nothing else that sounds better or offers such great value.

In 1996, ATC designed and developed its first stand-alone hi-fi electronic product through the necessity

of the ongoing quest for the best possible performance money can buy. Few pre-amplifiers available at that time could drive the long lengths of cable often necessary to link electronics to active loudspeakers.

ATC's solution was to develop the SCA2 pre-amplifier with its exceptional audio performance, transparency and current drive ability. ATC today has a broad pallet of high performance audio electronic products from the CA2 pre-amplifier to the exquisite P6 power amplifier.

Expanding this formidable range of audio electronic products is the CDA2 Mk2 – the second generation of ATC's integrated compact disc player/pre-amplifier offering all the performance of the CA2 pre-amplifier plus a built-in CD transport, a high resolution asynchronous USB interface and a premium AKM stereo 32-bit DAC having very low distortion at -112dB. The new CDA2 Mk2 has truly exceptional performance and features.

ATC has grown to become one of the very few manufacturers successful across both domestic and professional audio. By selecting ATC you join a group of music lovers, professional audio engineers, educators, studios and musicians across the world that understand the value of the engineering that goes into every ATC product.

Built to give a lifetime of service and musical enjoyment all ATC products carry a six year guarantee.



AN EXCEPTIONAL
CD PLAYER,
HIGHLY TRANSPARENT
PRE-AMPLIFIER AND
HIGH RESOLUTION DAC
IN ONE ELEGANT
SOLUTION

C D A 2 M K 2

FEATURES

■ All-discrete class-A pre-amplifier with balanced and unbalanced outputs.

■ Two analogue inputs via RCA/phono and one via 3.5mm mini-jack.

■ High performance CD Player.

■ Premium AKM 32-bit DAC.

■ USB digital input supporting up to 384kHz PCM data and native DSD256.*

■ Headphone amp featuring discrete output stage.

■ Handmade in England.

■ 6 year warranty.**

*DSD256 support via PC only (up to DSD128 via Mac).

** TWO years on CD mechanism.

Specifications

CD PLAYER

Distortion :

1kHz < 0.0015% (-96dB)

10kHz < 0.003% (-90dB)

Frequency Response (20Hz-20kHz) : +/- 0.2dB

PRE-AMPLIFIER

Frequency Response (-3dB) : < 2 Hz - > 280 kHz

Distortion (1kHz) : <0.0008% / 102dB

Input sensitivity for 2V Output :

Aux inputs 600mV **3.5mm inputs** 400mV

Maximum Output Level :

Phono 9.2V r.m.s **XLR** 18.4V r.m.s.

Overload Capacity : 13dB

Input Impedance : 14k Ohms

Output Impedance : 10 Ohms

S+N/N Ratio :

Wide Band >96dB

DIN >108dB

IEC "A" >112dB

Absolute Phase :

Phono Zero Degrees

XLR Zero Degrees, Pin 2 Hot

Output XLR CMRR (100Hz - 10kHz) : >60dB

DIGITAL INPUTS Optical and Coaxial

Distortion :

<0.001% at all supported sample rates

44.1kHz, 48.0kHz, 88.2kHz, 96.0kHz, 192.0kHz*

* 192kHz supported via coaxial input only

DIGITAL INPUTS USB

Distortion :

<0.001% at all supported sample rates

44.1kHz, 48.0kHz, 88.2kHz, 96.0kHz, 176.4kHz, 192.0kHz, 352.8kHz, 384kHz

SUPPORTED WORDLENGTHS

Optical and Coaxial : 16bit and 24bit

USB : 16bit, 24bit and 32bit

DSD

Frequency Response -1dB : < 10Hz - 50kHz

Supported DSD Rates :

Windows DSD64, DSD128 and DSD256

MacOS DSD64 and DSD128

PHYSICAL

Dimensions (HxWxD) : 90 x 445 x 330mm (3.5" x 17.5" x 13")

Weight : 7kg / 15.4lbs



ATC reserves the right to vary products and specifications without prior notice.

CHOOSING THE PERFECT PARTNER FOR YOUR CDA2 MK2 CD PRE-AMPLIFIER

We are confident that the CDA2 Mk2 will give many, many years of enjoyment and pleasure.
It is designed to give the very best performance money can buy.

The CDA2 Mk2 sounds sublime when partnered with either our SCM19A (two-way) or SCM40A (three-way) active loudspeakers
...or, indeed, any model from ATC's world-renowned range of active monitors.
A simple, elegant and hugely capable solution to enjoying music at home.

However, if you already own a passive loudspeaker system, what then?
Well, can we suggest auditioning our P1 and P2 dual-mono power amplifiers,
either of which will help your loudspeakers deliver their true potential.

Below: The P2 300W dual mono power amplifier
(or its similarly styled 150W brother, the P1)
performs effortlessly with the CDA2 Mk2
in any passive loudspeaker system

Opposite: From ATC's Entry Series comes the two-way SCM19A
and three-way SCM40A floorstanding active loudspeakers.
Simply connect either model to the CDA2 Mk2 for a
truly lifelike and dynamic musical experience





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