

**C D 2**

Compact Disc Player

**S I A 2 - 1 0 0**

Integrated Amplifier, DAC



# CD2 CD Player & SIA2-100 Integrated 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 unparalleled audio performance, transparency and

current drive ability. Today, ATC has created a wide portfolio of high performance audio electronic products... from the CA2 pre-amplifier to the exquisite P6 power amplifier.

In December 2011 the Company launched its first CD player, the CDA2, a design that also incorporated a pre-amplifier and DAC. In response to changing listening trends, in early 2018 the CDA2 was significantly upgraded and relaunched – the Mk2 model now boasting the latest high performance CD drive technology and USB interface allowing playback of extremely high resolution PCM and DSD audio.

Seen as a further evolution of this highly acclaimed digital source is ATC's new stand-alone CD player, the CD2, which has been designed in parallel with a matching 100W integrated amplifier, the SIA2-100. Offering a built-in high resolution asynchronous USB interface the amplifier also incorporates a premium AKM stereo 32-bit DAC.

Whilst designed from the outset to be partnered together, both the CD2 and SIA2-100 may also be purchased individually to suit customers' specific system requirements. Either way, these outstanding components offer music lovers an exceptional combination of performance and functionality.

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.  
AN OUTSTANDING  
INTEGRATED AMPLIFIER  
WITH DAC AND USB  
INTERFACE.

TWO PARTNERS,  
ONE DESIGN GOAL.

PERFECT TOGETHER,  
BRILLIANT APART.

Introducing our  
CD2 CD Player and SIA2-100 Integrated Stereo Amplifier.  
Originally conceived by our in-house design engineers as a pair of  
partnering high end hi-fi electronics,  
together they offer superb build quality and deliver outstanding performance.  
A compact, elegant and highly versatile combination without a doubt.

But that's only half the story...  
Imagine you're simply looking for a fabulous sounding CD player to add to your system,  
or searching for an amplifier that's loaded with features while offering wonderful transparency and effortless dynamics.  
Thankfully we can offer a flexible solution: both CD2 and SIA2-100 can be purchased  
individually from any ATC dealer.

CD2 and SIA2-100.  
Book your audition now.



## C D 2

### OVERVIEW

This compact high-performance CD digital audio source has been designed to offer exceptional performance and compatibility with a very wide range of partnering electronics both from ATC and other high-quality manufacturers. Styling compliments ATC's full range of audio electronics, but its small form factor makes it the perfect partner to the equally compact SIA2-100 integrated amplifier whilst occupying very little space in the home.

### FEATURES

- High performance TEAC CD Transport.
- Premium AKM 32-bit DAC.
- Coaxial & TOSLINK Digital Outputs.
- Balanced XLR and Un-balanced RCA outputs.
- ATC Discrete class-A output buffers.
- Handmade in England.
- 6 year warranty\*.

\*TWO years on CD mechanism.

### Specifications

**Maximum Output Level :** Phono 9.2V r.m.s. XLR 18.4V r.m.s.

**Output Impedance :** 10 Ohms

**S+N/N Ratio :** Wide Band >96dB DIN >108dB IEC "A" >112dB

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

**Distortion :** 1kHz < 0.0015% (-96dB) 10kHz < 0.003% (-90dB)

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

**S/PDIF Outputs :** Toslink, Coaxial 2V pk-pk, source, Impedance 75Ohm

**Dimensions (HxWxD) :** 77 x 315 x 315mm / 3.1 x 12.4 x 12.4"

Dimensions exclude rear panel connectors. Take care to leave space behind the unit for connectors and cables.

**Weight :** 4.2kg / 9.24lbs



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

# S I A 2 - 1 0 0

## OVERVIEW

■ Compact in size yet offering high power output and exceptional resolution, this integrated amplifier with on-board DAC is ideally suited to driving ATC's small and mid-size passive loudspeakers and a very wide range of loudspeakers from other manufacturers. Understated styling makes it easy to integrate with partnering equipment whilst its small footprint occupies very little space in the home.

## FEATURES

- 2 x line level analogue inputs.
- 3 x digital inputs: USB, Coaxial, TOSLINK.
- Premium AKM 32-bit DAC.
- USB digital input supports up to 384kHz PCM data and native DSD256.\*
- ATC Discrete MOSFET Output Stage with 100W/Ch. Max. Cont. Power.
- Headphone amp featuring discrete output stage.
- Handmade in England.
- 6 year warranty.

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

## Specifications

**Maximum Power Output :** 100W (Continuous Av. 8 Ohms, 1kHz, both channels driven)

**Line Inputs :** Two, stereo (one with additional front panel 3.5mm jack)

**Line Input Sensitivity :** 500mV

**Input Impedance :** 13k8 Ohms

**Line Outputs :** One, stereo

**Overload Capacity :** 13dB

**Line Output Impedance:** 10 Ohms

**Frequency Response :** < 2Hz – > 250kHz (@ -3dB)

**Total Harmonic Distortion : 1kHz** <0.0015% (-96dB), **10kHz** <0.002% (-90dB)

**Crosstalk :** >80dB (10Hz – 20kHz)

**S+N/N Ratio : Wide Band** > 96dB, **DIN** > 108dB, > **IEC “A”** 112d

**Dimensions (HxWxD) :** 113 x 315 x 315mm / 4.4 x 12.4 x 12.4”

Dimensions exclude rear panel connectors. Take care to leave space behind the unit for connectors and cables.

**Weight :** 9.70kg (24.39lbs)

### DIGITAL INPUTS – COAXIAL & OPTICAL

**Distortion : 1kHz** <0.0015% (-96dB ), **10kHz** <0.005% (-86dB)

**Frequency Response :** 20Hz – 20kHz (+/- 0.1dB)

**S+N/N Ratio :** >100dB (IEC “A”)

**Word Lengths Supported :** 16 – 24 Bit

**Sample Rates Supported :** 44.1kHz, 48kHz, 88.2kHz, 96kHz, 192kHz (192kHz supported via coaxial input only)

### DIGITAL INPUTS – USB (PCM)

**Distortion : 1kHz** <0.0015% (-96dB ), **10kHz** <0.005% (-86dB)

**Frequency Response :** 20Hz – 50kHz (+/- 0.1dB)

**S+N/N Ratio :** >100dB (IEC “A”)

**Word Lengths Supported :** 16 – 32 Bit

**Sample Rates Supported :** 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96.0kHz, 76.4kHz, 192.0kHz, 352.8kHz, 384.0kHz

### DIGITAL INPUTS – USB (DSD)

**Frequency Response :** 10Hz – 50kHz (+/- 0.1dB)

**S+N/N Ratio :** >100dB (IEC “A”)

**DSD Rates Supported : Windows** DSD64, DSD128, and DSD256, **MAC OS** DSD64 and DSD128

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## FINDING THE PERFECT PARTNER FOR YOUR CD2 AND SIA2-100

We are confident that both components will give many, many years of enjoyment and pleasure.  
They have been created to deliver the very best performance money can buy.

The CD2 sounds sublime when partnered with our matching SIA2-100 integrated amplifier – unsurprisingly, of course, as they were designed and developed side by side from the outset.

Whether hooked up to our CD2 or not, the SIA2-100 is one of those rare amplifiers that truly deserves its place in a system built around some of the very best loudspeakers money can buy.

Speaking of which, our multiple-award-winning Entry Series range of passive monitors is a brilliant place to start: SCM7, 11 and 19 two-way bookshelf/stand-mounted models and the SCM40 three-way floor standing 'Tower' are clear choices. Prepared to extend your budget further? Then ATC's world-renowned 'Classic' range of monitors such as the two-way passive SCM20 offer hugely tempting, state-of-the-art alternatives.

Below: Entry Series bookshelf/stand-mount two-way passives – SCM7, 11 and 19.

Opposite: Entry Series SCM40 floor-standing three-way Passive, shown in the full range of finishes.  
All Entry models may be ordered in either Black or White Satin, Cherry or Black Ash



SCM7

SCM11

SCM19





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