

# SIACD: Compact Disc Integrated Amplifier



## Features

- New class AB "grounded source" power amp stages offering class leading performance.
- USB, coaxial and optical digital inputs.
- 2 x line level analogue inputs.
- On-board CD Player.
- Front panel mounted headphone amplifier.
- 1 x analogue pre-out.
- Black and Silver anodised finish options.
- 6 year warranty.
- Hand built in the UK.

## Specifications

### INTEGRATED AMPLIFIER

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

**Line Input Sensitivity :** 640mV

**Input Impedance :** 13k8 Ohms

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

**Total Harmonic Distortion (8 Ohms, -1dB below full power) :** 1kHz <0.0015% (-96dB), 10kHz <0.002% (-90dB)

**Crosstalk (10Hz - 20kHz) :** >80dB

**S+N/N Ratio :** >100dB (Wide band) >110dB (DIN) >115dB (IEC"A")

**Absolute Phase :** Phono Zero Degrees

### CD PLAYER

**Distortion :** 1kHz <0.002% (-94dB), 10kHz <0.003% (-90dB)

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

**S+N/N Ratio :** >100dB (IEC"A")

### DIGITAL INPUTS - COAXIAL & OPTICAL

**Distortion :** 1kHz <0.0025% (-92dB), 10kHz <0.004% (-88dB)

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

**S+N/N Ratio :** >96dB (IEC"A")

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

**Supported Sample Rates :** 44.1kHz, 48kHz, 88.2kHz, 96kHz, 192kHz

### DIGITAL INPUTS - USB

**Distortion :** <0.005%

**S+N/N Ratio :** >96dB

**Supported Word Lengths :** Up to 16 Bit

**Sampling Rate :** 32kHz, 44.1kHz, 48kHz

### PHYSICAL

**Dimensions (HxWxD) :** 112x315x425mm (4.41x12.40x16.73")

**Weight :** 9.6kg (21.1lbs)



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