

Cambridge Audio

# Tech specs

## Azur 840A class XD™ integrated amplifier



Cambridge Audio re-defines mid-range audio market with the Azur 840A class XD™ stereo integrated amplifier

### 840 specifications

#### Features

120 watts per channel

Class XD Proprietary Technology

8 audio inputs (1 balanced)

Multi-relay stage attenuator for volume/input selection

CAP5 – Five way protection system (DC detection, over temperature detection, overvoltage/overcurrent detection, short circuit detection, intelligent clipping detection)

Massive oversized toroidal transformer

RS232 Port, Control Bus In/Out, IR Emitter and A-Bus™

Ready multi-room outputs for custom installation

Customisable input/source naming

Input gain trim

Fixed level inputs

Adjustable LCD brightness

Full-function aluminium face Azur Navigator remote control

Available in Silver/black

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#### Performance

Power output: 120W RMS into 8 Ohms  
200W RMS into 4 Ohms

THD (unweighted): <0.0015% 1 kHz at 80% of rated power  
<0.015% 20 Hz - 20 kHz at 80% of rated power

Frequency response: 10 Hz - 50 kHz +/- 1 dB

S/N ratio: (ref 1 W/8 Ohm) > 83 dB

Input impedances: Input 1 (balanced) 10 kOhm  
Inputs 2-7 68 kOhm  
Tape Input 68 kOhm

Power amp damping factor: > 110 at 1 kHz

Max power consumption: 800W

Minimum power consumption: Active (no signal) 70W  
Standby 7W

Bass and treble controls: Shelving type  
Max bass boost/cut +/- 10dB at 10 Hz  
Max treble boost/cut +/- 7.5 dB at 20 kHz

Dimensions: (H x W x D) 115 x 430 x 385mm (4.5 x 16.0 x 15.2")

Weight: 15.0kg (33LBs)

Cambridge Audio's policy is one of continuous improvement. Design and specifications are therefore subject to change without prior notice.

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