

Cambridge Audio Tech specs

Azur 840W Class XD Power Amplifier



The 840W is a high-end power amplifier that has been designed by the same team behind the 840A and uses an evolution of Cambridge Audio's hugely innovative Class XD™ technology for a highly detailed naturally musical performance. The second generation Class XD is now complemented by a new output stage carefully adjusted to integrate with this novel technology, along with revised balanced input connections for lower distortion and noise circuits. Each channel uses 2 pairs of very high output transistors to ensure that the 840W can drive even the most demanding load. At the core of the 840W's strength is a patent pending, Class XD (crossover displacement)

technology. This unique design gives pure Class A operation at low levels, moving smoothly into an enhanced version of Class B at higher levels.

The 840W delivers an impressive 200 watts per channel in stereo mode, and can be bridged to output a massive 500 watt mono output. Also included is the latest development of Cambridge Audio's proprietary CAP5 protection system. CAP5 (Cambridge Audio Protection 5) is an innovative and intelligent protection system. It constantly monitors the amplifier, without degrading signal purity, ensuring ultimate reliability and high performance from this mighty amplifier.

Azur 840w Features

Power Output	200 watts per channel into 8 ohms 300 watts per channel into 4 ohms 500 watts mono into 8 ohms in bridged mode.
Audio Inputs:	1 pairs Gold Plated RCA stereo phono inputs 1 pair XLR balanced inputs
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Other Connections	12v trigger in/out, control bus in/out, IR emitter in. A & B speaker premium gold plated binding posts
Damping factor	>300
Frequency Response:	10Hz – 50kHz +/- 1dB
Signal to Noise ratio	83 db
THD(unweighted):	<0.0015% @ 1kHz
Max. Power Consumption:	1200 Watts (Standby: 12 Watts)
Dimensions (W x D x H):	430 x 385 x 145mm
Weight:	21.8kg/48.2 lbs

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