Technical specifications

Cambridge Audio

Azur 651W Power Amplifier

December 2013

- 2 x 100 Watts RMS into 8 Ohms
- 2 x 150 Watts RMS into 4 Ohms
- Audiophile grade oversize toroidal transformer and substantial extruded heatsink
- Two pairs of high current output transistors per channel allow the 651W to drive almost any speaker with ease, with excellent bass response and dynamic control
- Balanced and unbalanced analogue audio inputs for superior connectivity
- CAP5 protection technology
- Two pairs of speaker outputs to drive A and B speaker pairs
- Acoustically damped full metal chassis with thick brushed aluminium front panel
- Audio detect (Auto Power Up and Down), configurable trigger outputs, IR and control bus connectivity for Custom Install integration and power synchronisation with preamplifier
- Eco-friendly <0.5W Standby power consumption
- Available in black and silver finishes

Detailed Specifications

Power output	100W per channel into 8 Ohms 150W per channel into 4 Ohms
THD (unweighted)	< 0.001% 1 kHz < 0.005% 20 Hz - 20 kHz
Frequency response	5Hz – 80kHz +-1dB
S/N ratio (ref 1W / 8 Ohn)	>90dB (unweighted)
Sensitivity	1.5V rms unbalanced 1.5 + 1.5V rms balanced
Input impedances	Balanced input 38 kOhm Unbalanced input 68 kOhm
Power amp damping factor	> 125 at 1 kHz
Trigger in	5 – 12V AC or DC
Trigger out	12V DC @ 100mA
Maximum power consumption	750W
Idle power consumption (no signal)	45W
Standby power consumption	<0.5W
Dimensions (H x W x D)	115 x 430 x 340mm (4.5 x 16.9 x 13.4”)
Weight	10.7kg (23.5lbs)

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Design and specification are therefore subject to change without prior notice

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