

CAAS Audio Elysian 100 Specification

All specifications are subject to change at any time.

Single Channel Mono-block Amplifier.

Gain	25.5dB (into 8ohms)
Frequency Response:	0.8Hz to >300kHz (-3dB) DC Coupled 10Hz to 50kHz (-0.1dB)
Maximum Input	10V peak
Maximum Output	44V peak
Rated Output	100W into 8ohms (1 st 20W Class A) 200W into 4ohms
Peak Output Current	>50A (10ms cycle every 200ms)
Input Impedance	33kohms (single ended RCA) 66kohms (balanced XLR)
Output Impedance	0.1ohm
Input Sensitivity	1.6V RMS (for 100W output into 8ohms)
Speaker Impedance	Any (output power will vary)
Total Harmonic Distortion	<1% @1kHz (100W into 8ohms) <1% @1kHz (200W into 4ohms) <0.01% @1kHz (1W, 0dBW into 8ohms)
Transient Intermodulation	Too low to measure
Output SNR (A-WTD)	Better than 90dB (0dBW output, input grounded)
Slew rate	100V/us (No input filter, max output)
Output DC Offset	<10mV
Power Consumption	100W (Idle), 400W (max) <0.5W trigger high (amp power down mode)
Fuse Rating	T3.15A, 250V (slow blow)
Operating Temperature	45 degrees C to 55 degrees C 25 to 35 degrees C above ambient.
Thermal Cut-off Protection	70 degrees C (Reset at 55 degrees C)
Input Connectors	1 x Unbalanced gold plated RCA 1 x Balanced silver plated XLR
Output Terminals	2 x High current gold plated
CAAS Link Trigger	12V DC to turn off (0V for on)
Mains Transformers	1 x 300VA (toroidal) & 1 x 50VA (toroidal)
Dimensions	260mm (W), 340mm (D), 140mm (H)
Weight	11kg / channel

CAAS Audio Ltd.
January 2015