



Network Connect Series Amplifier Datasheet

Output Power (20Hz to 20kHz)	Connect 34	4 x 30 WRMS @ 4Ω, 8Ω, 70V, 100V (15W at 2Ω)
	Connect 64	4 x 60 WRMS @ 4Ω, 8Ω, 70V, 100V (30W at 2Ω)
	Connect 124	4 x 120 WRMS @ 4Ω, 8Ω, 70V, 100V (60W at 2Ω)
Audio Spec	Inputs	Analog: 4 Balanced analog Inputs with user-selectable 26dB, 34dB, and mic level input sensitivity 4 Unbalanced RCA inputs with user-selectable 26dB and 34dB input sensitivity ***Note – Unbalanced and RCA inputs share the same analog input channel
	THD+N	0.1% (20Hz to 20kHz)
	Frequency Response	20hz to 20kHz +/- 0.5 dB @ 4Ω, 8Ω, 70V, 100V, -2.5dB @ 20kHz at 2Ω
	Signal to Noise Level	102dB (20Hz to 20kHz referenced to 8Ω)
	Crosstalk	70dB (20Hz to 20kHz)
	I/O Latency	1 ms DSP latency under any condition
	Load Impedance	LowZ down to 2 ohms, 70V direct, and 100V Direct per channel
	Amplifier Output Classification	Class D with Proprietary Smart Power Bridge Technology allowing bridged output functionality without sacrificing an amplifier channel
	DC Offset	+/- 3mV
	DSP	DSP Architecture
Input Matrix		Routable matrix; any input to any output with primary and secondary input priority
Crossovers		Up to 48 dB/Octave IIR Filters (Linkwitz Riley and Butterworth)
Parametric EQ		8 Band Parametric EQ per channel
Output Delay		100ms per channel
Output Protection		DC, VHF, and AC Mains Protection, Overtemp and Current Limiter, fan fault detection
User Adjustable Limiting		Peak Voltage and RMS Voltage
Load Monitoring		Realtime Load Monitoring and Pilot Tone Detection from Internal or External Sources
Network Connectivity		Wi-Fi or 100MB Ethernet with PoE or Built-in Wi-Fi Access Point (IEEE 802.11 b/g/n WPA, WPA2, WEP)
User Interface		Web Browser User Interface, 3rd Party API control, Cloud Control, or SharkWare
Supported Operating Systems		MAC, iOS, PC, Android
Event Reporting		User Downloadable and Viewable Event and Fault log - POE allows for enhanced error monitoring
External I/O		External I/O In: Toggles Remote On/Off External I/O Out: Indicates Amplifier Health 4 general-purpose Input and Output pins for general input Triggering and output statuses – Coming soon
Operation	Cloud IoT	AWS Cloud-based IoT functionality
	AC Mains	100VAC - 240VAC +/- 15% 50Hz or 60Hz
	Temperature	Storage: -20°C to 90° C - Operating: 0°C to 60° C
	Power Supply Safety Approvals	Universal Switch Mode Power Supply UL, CSA, CE, ETL, FCC, CCC, KETI, NOM, ROHS, PSE
Physical Spec	Dimensions (L x W x H)	Product: 11.82" x 8.58" x 1.71" (300.11 mm x 218mm x 43.5mm) Shipping: 18" x 11" x 2.75" (457.2mm x 300mm x 69.85mm)
	Weight	34: 7lbs / 3.1kg Shipping: Coming soon 64: 7lbs / 3.1kg Shipping: Coming soon 124: 7lbs / 3.1kg Shipping: Coming soon
	Cooling	Front to Rear Variable Fan Speed Cooling Fan Noise at idel is 50dB @1m Fan Noise at 50% is 57dB @1m Fan Noise at full speed is 63dB @1m
	Connectors	Analog Input: 3 pin Amphenol Anytek, Output: 2 pin Amphenol Anytek, External IO: 8 pin Amphenol Anytek, Power in: IEC, Ethernet RJ45 In for Control, and RCA input

LEA Professional reserves the right to make any necessary changes to the specification. The LEA Professional Warranty is 6 years from date of purchase and product registration in the United States, and 5 years internationally.