

CONNECT SERIES

- AMPLIFIER SPEC SHEET -



MODEL	CHANNEL COUNT	WATTS PER CHANNEL
CS 354D-G	4 CHANNELS	350 WATTS

	AUDIO SPEC	DSP	CONTROL, MONITORING, NETWORK	OPS DATA	PHYSICAL SPEC
	Output Power	4 x 350 WRMS Per channel @ 4Ω, 8Ω, 70V, 100V (175W at 2Ω) 230 Watts @ 25V			
	Inputs	4 Analog: Balanced Inputs with user selectable 26 dB and 34 dB input sensitivity Dante: 8 x 8 Dante at 96kHz or 48kHz, Multicast or Unicast AES 67: Configurable via the Dante Controller Software			
	THD+N	0.1% (20Hz to 20kHz)			
	Frequency Response	+/- 0.5 dB @ 4Ω, 8Ω, 70V, 100V, -2.5dB @ 20kHz at 2Ω			
	Signal to Noise Level	105dB (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			
	Output Classification	Class D with Proprietary Smart Power Bridge Technology allowing bridged output functionality without sacrificing an amplifier channel			
	DC Offset	+/- 3mV			
	DSP Architecture	Analog Devices Sigma 96kHz DSP Processor with 32-bit Core with Sample Rate Converters			
	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) and Bessel			
	Parametric EQ	8 Band Parametric EQ per channel			
	Output Delay	100ms per channel			
	Output Protection	DC, VHF, and AC Mains Protection, Over-temp and Current Limiter, fan fault detection			
	Limiting	Peak Voltage and RMS Voltage			
	Load Monitoring	Realtime Load Monitoring and Pilot Tone Detection from Internal or External Sources			
	Network Connectivity	100MB Ethernet with PoE			
	User Interface	Web Browser User Interface or 3rd Party API control			
	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			
	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	Universal Switch Mode Power Supply			
	EN54-16 Output Power	304 Watts @ 9.6Ω (40° C ambient temp for 1 minute) Smart Power Bridge: 469 Watts @ 9.6Ω (40° C ambient temp for 1 minute)			
	Safety Approvals	UL, CSA, CE, ETL, FCC, CCC, KETI, NOM, ROHS, PSE, EN54-16			
	Dimensions (L x W x H)	Product: 14.25" x 19" x 1U (362mm x 482mm x 1U) x 1U (362mm x 482mm x 1U) Shipping: 20" x 22.75" x 3.75" (508mm x 578mm x 95.25mm)			
	Weight	14lbs / 4kg Shipping: 18.7lbs / 8.5kg			
	Cooling	Front to Rear Variable Fan Speed Cooling Fan Noise at idle 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: 3 pin Amphenol Anytek, Power in: IEC, Ethernet RJ45 In for Control, Primary and Secondary RJ45 in for Dante			

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.



SCAN TO
DOWNLOAD
USER'S MANUAL

