

HALF RACK

AMPLIFIER SPEC SHEET



| MODEL | CHANNEL COUNT | WATTS PER CHANNEL |
|---------------|-------------------|-------------------|
| CS 64D | 4 CHANNELS | 60 WATTS |

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|------------------------------|------------------------|--|-------------------|
| AUDIO SPEC | Output Power | 4 x 60 WRMS @ 4Ω, 8Ω, 70V, 100V (30W at 2Ω) | |
| | 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 Dante: 4x4 Dante at 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 | 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 | |
| | Output Classification | Class D with Proprietary Smart Power Bridge Technology allowing bridged output functionality without sacrificing an amplifier channel | |
| DSP | 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 | |
| CONTROL, MONITORING, NETWORK | 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 | |
| | 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 | |
| OPS DATA | 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 | |
| PHYSICAL SPEC | Safety Approvals | UL, CSA, CE, ETL, FCC, CCC, KETI, NOM, ROHS, PSE | |
| | Dimensions (L x W x H) | Product: 11.82" x 8.58" x 1.71" (300.11mm x 278mm x 43.5mm) Shipping: 18" x 11" x 2.75" (457.2mm x 300mm x 69.85mm) | |
| | Weight | 7lbs / 3.1kg Shipping: Coming Soon | |
| | 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: 8 pin Amphenol Anytek, Power in: IEC, Ethernet RJ45 In for Dante, 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.



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