



## Connect Series Half-Rack

Perfectly suited for small to medium-scale installations, the Connect Series Half-Rack comprises six models: CS34, CS64, CS124, CS34D, CS64D, and CS124D. Its compact design offers users unparalleled flexibility for mounting in any space.

- ⌚ 3 Ways to Connect – Access Point, Wi-Fi, or Wired
- ⌚ Microphone, line level, and unbalanced (RCA) inputs
- ⌚ Input matrix and mixing to any outputs
- ⌚ Cloud-based OTA firmware updates and notifications
- ⌚ Direct Lo-Z or Hi-Z selectable by channel
- ⌚ Smart Power Bridge technology
- ⌚ Over 3,000 speaker tunings available
- ⌚ 96kHz DSP featuring crossovers, parametric EQs, signal generators, and limiters

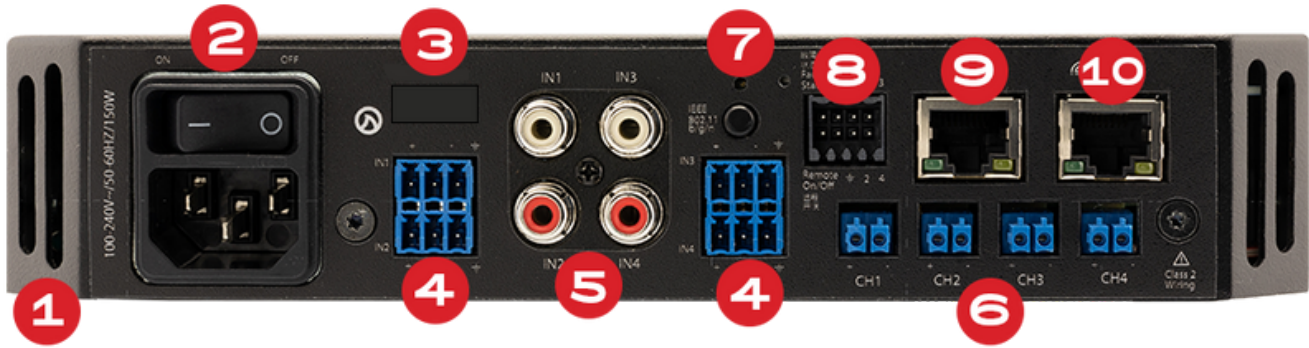
## Applications

- Hospitality
- Retail
- Collaboration Spaces
- Corporate
- Education



Our software platforms offer ease and flexibility. WebUI suits smaller setups, working on all devices, while SharkWare is ideal for larger systems, offering enhanced control. Free cloud monitoring via LEA Professional Cloud enables remote support, minimizing downtime. Finally, Seamless integration with 3rd party APIs ensures adaptability.

# Back Panel Specifications



1. Dual Ventilation

2. Power Button/Switch

3. Rear Display

4. Channel 1-4 Balanced Inputs

5. Channel 1-4 Unbalanced RCA Inputs

6. Channel 1-4 Outputs

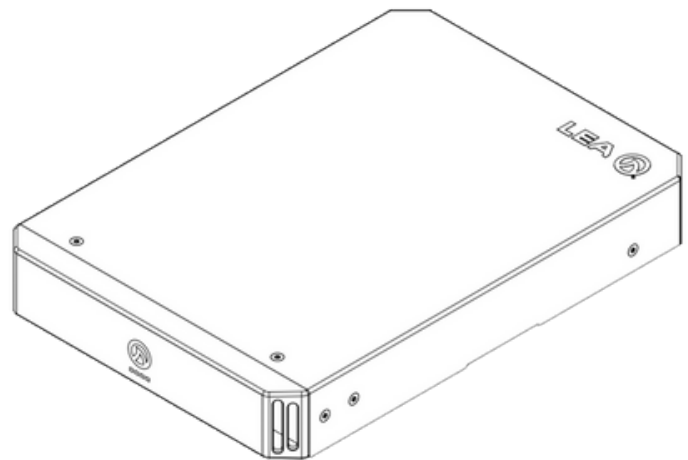
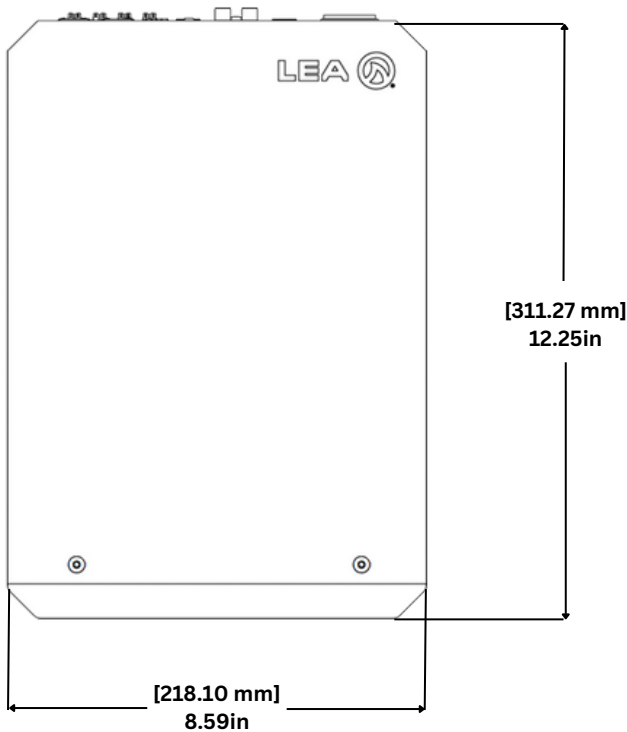
7. Wi-Fi Button

8. GPIO and Remote on/off

9. Local Area Network Connection

10. Dante Input (Dante Models Only)

## Dimensions



# Technical Specifications



Output Power (20Hz to 20kHz)	Connect 34/34D	4 x 30 WRMS @ 4Ω, 8Ω, 70V, 100V (15W at 2Ω)
	Connect 64/64D	4 x 60 WRMS @ 4Ω, 8Ω, 70V, 100V (30W at 2Ω)
	Connect 124/124D	4 x 120 WRMS @ 4Ω, 8Ω, 70V, 100V (60W at 2Ω)
Audio Spec	Inputs	4 Balanced Inputs with user-selectable 26dB, 34dB, and mic level input sensitivity 4 Unbalanced RCA inputs with user-selectable 26dB and 34dB input sensitivity <b>*Note</b> – Balanced and Unbalanced (RCA) inputs share the same analog input channel <b>Dante:</b> 4 x 4 Dante at 48kHz, Multicast or Unicast <b>AES 67:</b> Configurable via the Dante Controller Software
	THD+N	0.1% (20Hz to 20kHz)
	Frequency Response	20Hz to 20kHz, +/- 0.5dB @ 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	Lo-Z down to 2Ω, 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
	DSP	DSP Architecture
Input Matrix		Routable matrix; any input to any output with primary and secondary input priority
Crossovers		Up to 48dB/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
Control, Monitoring, Network	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
	GPIO	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
	Cloud IoT	AWS Cloud-based IoT functionality
Operation	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
	Safety Approvals	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" (300.11mm x 218mm x 43.5mm) Shipping: 18" x 11" x 2.75" (457.2mm x 300mm x 69.85mm)
	Weight	34D: 7lbs / 3.1kg   Shipping: Coming soon. 64D: 7lbs / 3.1kg   Shipping: Coming soon. 124D 7lbs / 3.1kg   Shipping: Coming soon.