### Audio Spec

- **Output Power**: 4 x 160 WRMS Per Channel @ 4Ω, 8Ω, 25V, 70V, 100V (40W at 2Ω)
- **Inputs**: 4 Analog: Balanced Inputs with user selectable 26 dB and 34 dB input sensitivity
- **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**: 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

### DSP

- **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 or 3rd Party API control Q-Sys, Atlona, Extron, Utelogy, Crestron, RTI, Barco
- **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
- **Safety Approvals**: UL, CSA, CE, ETL, FCC, CCC, KETI, NOM, ROHS, PSE

### Physical Spec

- **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**: 12.10lbs / 5.49kg | 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 I/O: 3 pin Amphenol Anytek, Power in: IEC, Ethernet RJ45 In for Control. **Note:** 164 does not have potentiometers on the real panel.

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.