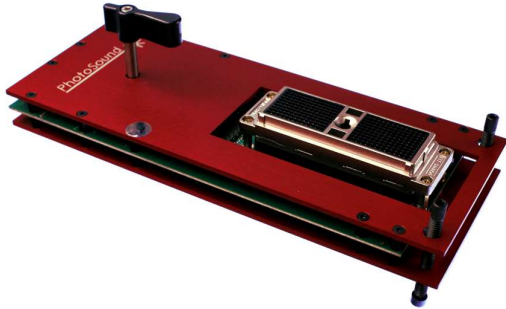


LEGION AMP 128-Channel Preamplifier

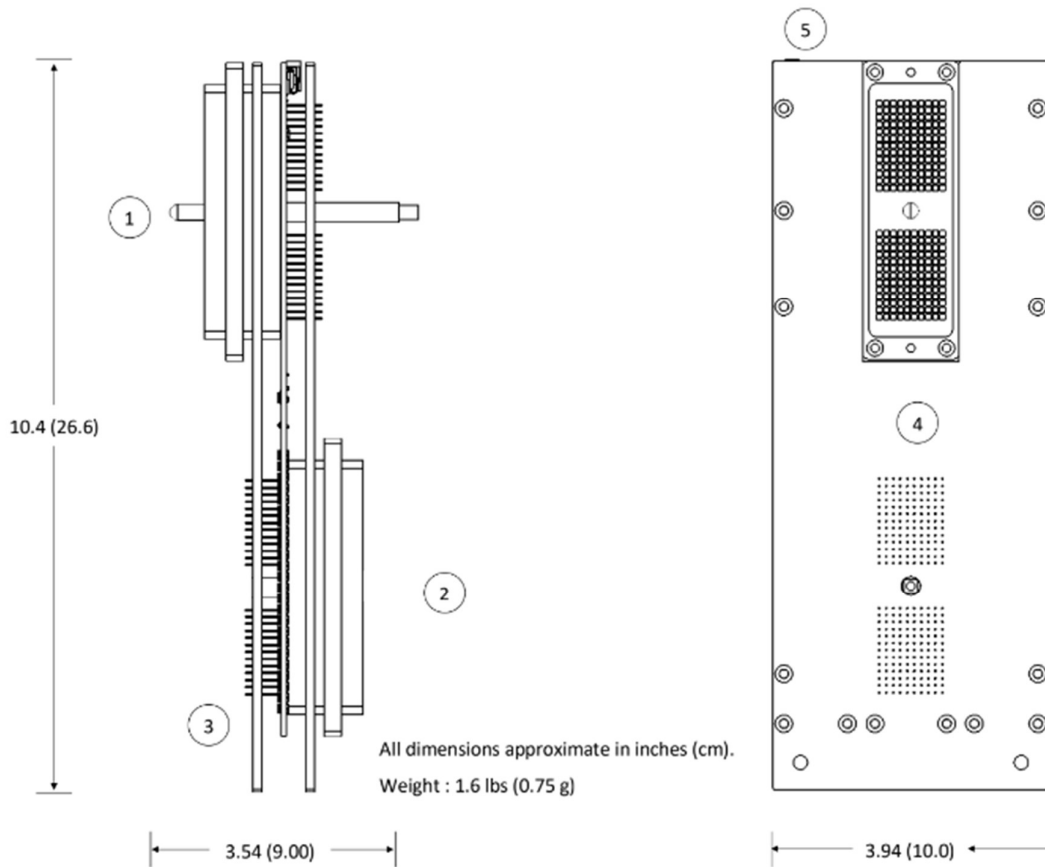


- Amplify input signals for third-party ADC units
- Protective housing with stand-offs
- Cannon DLM260 input/output connectors
- Narrow housing design for fitting two side-by-side
- Compact 2 x 25 mm preamps per channel
- Heavy-duty latch for locking preamp connection

| | |
|------------------------|------------------|
| Channels | 128 |
| Amplification (1) | 40 dB |
| Input Impedance | 2.2 M Ω |
| Output Impedance | 50 Ω |
| Bandwidth @ -6 dB (2) | 40 kHz to 45 MHz |
| Input/Output Connector | Cannon DLM260 |

(1) Measured with 50 Ω load (actual gain depends on probe capacitance)

(2) Measured using signal generator and oscilloscope with 50 Ω input



1. Medical grade Cannon DLM-260 probe input connector (pinout map available upon request). Custom pin mapping to match existing third-party probes can replace the default pinout map.
2. Medical grade Cannon DLM-260 probe output connector (pinout map available upon request). Custom pin mapping to match existing third-party probes can replace the default pinout map.
3. Adjustable offsets provide uniform pressure across the housing and against the ADC unit when connecting probes (removeable).
4. Durable housing protects AMP printed circuit board from unintended exposure.
5. 5VDC 2.5A (power supply included)

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