

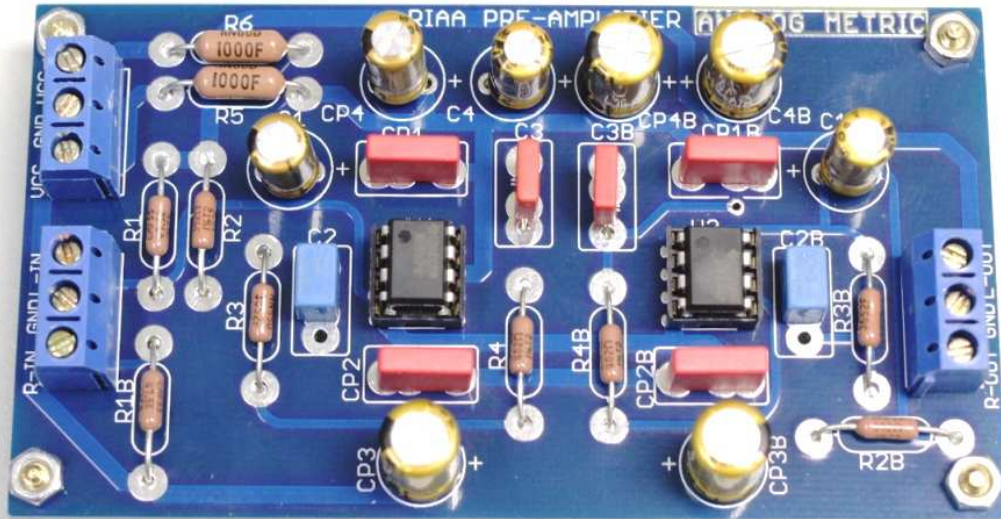
RIAA Pre-Amplifier User Manual

Analog Metric

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FEATURES

- Voltage Gain 36dB.
- Input sensitivity 350mV
- Use of very low distortion high quality audio OPAMPAD797, 0.9nV at 1kHz typical and -120dB THD at 20kHz.
- Symmetric PCB design for both R and L channels.
- Implemented with WIMA, Nichicon capacitors and Dale resistors.
- High quality PCB with dimension 116 x 58cm, blue solder mask, double layer, 2.4mm thickness, 2oz copper.
- Required power supply: +/-15V DC

PROCEDURES

1. Solder the components according to the part list. Notice the polarities of the electrolytic capacitors CP1-4 and CP1B-4B. There is no polarity of the thin film capacitors.
2. Apply DC voltage +15V and -15V to connector labeled with VCC and VCC-, respectively, without plug in the opamp U1 and U2.
3. If everything is ok, plug back the opamp U1 and U2 and apply input signals.
4. If you have any questions on assembly, please contact us by tech@analogmetric.com.

RIAA Preamplifier Response

