MICROPHONE PREAMPLIFIERS:
(measured to insert send)

- **MIC GAIN:** -10 to +60 dB (-10dB Pad)
- **LINE GAIN:** -10 to +44 dB (-10dB Pad)*
- **PHANTOM POWER:** 48V ±4V ±10mA/Channel
- **MIC EIN:** <-127.5dB
- **CMRR:** >80dB @ 100 to 10kHz
- **MAXIMUM INPUT LEVEL:** +22dBu (+36dBu with Pad)
- **INPUT IMPEDANCE**
  - Mic LO: 220Ω Balanced
  - Mic MED: 1k2Ω Balanced
  - Mic HI: 2k8Ω Balanced
  - Line (All / p Z): >6kΩ Balanced
- **FREQUENCY RESPONSE:** +/−0.5dB @ 10Hz to 100kHz
- **CROSSTALK:** <-85dBu @ 1kHz & 10kHz
- **THD+N @ 0dBu (1kHz):** 0.003% (-90.5dBu)
- **SNR:** >90dB
- **HPF:** Sweepable from 25Hz to 250 Hz
  2nd Order (12dB/Octave)

LINE OUTPUTS (Insert Sends):
(measured to line outputs / insert send)

- **D.I GAIN:** -10 to +60 dB (-10dB Pad)
- **MAXIMUM INPUT LEVEL:** +16dBu (-10dB Pad)
- **INPUT IMPEDANCE:** 1MegΩ Unbalanced
- **FREQUENCY RESPONSE:** +/−0.5dB @ 10Hz to 50kHz
- **THD+N @ 0dBu (1kHz):** <0.03% (-70dBu)
- **SNR:** 89dB

1/4" JACK: TIP (Hot) & SLEEVE (Shield)

*Line input level at the combi jacks will be affected by the input impedance switch position, this can be used as a second pad control to adjust line input ranges on all channels.

DISCRETE JFET D.I (Channels 1 & 2):
(measured to line outputs / insert send)

- **D.I GAIN:** -10 to +60 dB (-10dB Pad)
- **MAXIMUM INPUT LEVEL:** +16dBu (typical), +22dBu
- **INPUT IMPEDANCE:** 1MegΩ Unbalanced
- **FREQUENCY RESPONSE:** +/−0.5dB @ 10Hz to 50kHz
- **THD+N @ 0dBu (1kHz):** <0.03% (-70dBu)
- **SNR:** 89dB

1/4" JACK: TIP (Hot) & SLEEVE (Shield)

ADC LINE INPUTS (Insert Returns):
(measured at AES output under AES-17)

- **MAXIMUM INPUT LEVEL:** +18dBu
- **DIGITAL REFERENCE LEVEL:** 0dBFS = +18dBu
- **INPUT IMPEDANCE:** >10kΩ Balanced
- **FREQUENCY RESPONSE:** +/−0.5dB @ 10Hz to Fs/2
- **CROSSTALK:** <-80dBu @ 1kHz & 10kHz
- **THD+N @ 0dBFS (1kHz):** <0.002% (-94dB)
- **THD+N @ 0dBFS (1kHz):** <0.002% (-94dB)
- **DYNAMIC RANGE:** 113dB un-weighted
  115dB A-weighted
- **PEAK LED LINEUP:** +16dBu (-2dBFS)
- **SIGNAL LED LINEUP:** Variable Brightness from -30dBu to -10dBu (-28dBFS)

DIGITAL i/o:

- **ADAT 8 CHANNELS SMUX:** 44.1 - 96kHz
- **AES | S/PDIF 8 CHANNELS:** 44.1 - 96kHz
- **CLOCK:** Internal or External
- **WORDCLOCK INPUT:** 75Ω BNC
  Optional 75Ω Termination

POWER SUPPLY:

- **High stability, low noise internal SMPS**
- **Fanless, quiet operation**
- **Works anywhere in the world without reconfiguring**

- **LINE VOLTAGES:** 90 to 264V [a.c]
- **INTERNAL RAILS:** +/−15VDC, +48VDC & +5VDC
- **FUSE:** T1A (1Amp Time Delay)
- **CONSUMPTION:** Maximum 40 Watts

WEIGHT:

- **4.0kg**