

## 1073 Channel amplifier



### 1073 FEATURES

- 80dB Class A Microphone preamplifier, HI-LO selectable minimum input impedance, balanced and floating. High gain positions show a higher impedance, ideal for old ribbon mics.
- 10dB Class A Line Amplifier, Bridging input impedance, balanced and floating.
- Class A, single ended, 2N3055 driven high headroom output stage.
- High Frequency: +/-16dB shelving at 12 kHz, Baxandall type.
- Low Frequency: +/-16dB with selectable frequency shelving of 35Hz, 60Hz, 110Hz & 220Hz, Baxandall type.
- Mid Frequency: +/-18dB peaking, fixed 'Q', selectable center frequencies of 0.36kHz, 0.7kHz, 1.6kHz, 3.2kHz, 4.8kHz, and 7.2kHz, dual inductor based.
- High Pass Filter: 18dB per octave slope, switchable between 50Hz, 80Hz, 160 Hz & 300Hz, inductor based.
- EQ Button: Switches the equalizer on or off.
- Phase Button: Flips phase 180°.
- 1073 Module available. 19" Convertible format available Spring 2012

### 1073 SPECIFICATIONS

- Microphone input impedance: HI, 1200 Ohm minimum, LO, 300 Ohm minimum. Higher gain positions gradually have greater impedances, optimum for lo gain ribbon mics. Input is transformer balanced and floating.
- Line input impedance: 10KOhms bridging, transformer balanced and floating.
- Output impedance: Less than 75 Ohms, transformer balanced and floating, to drive a load of 600 Ohms.
- Maximum output: Greater than +26dBm into 600 Ohms, greater than +32dBu into 10KOhms.
- THD: Less than 0.025% at 1Khz, Less than 0.05% at 100Hz.
- Frequency response :20Hz (+0.3dB) to 20Khz (-0.2dB).
- Maximum Gain: Slightly greater than 80dB.
- Noise: Less than -100dBm.
- Power consumption: 106 mA @24VDC.