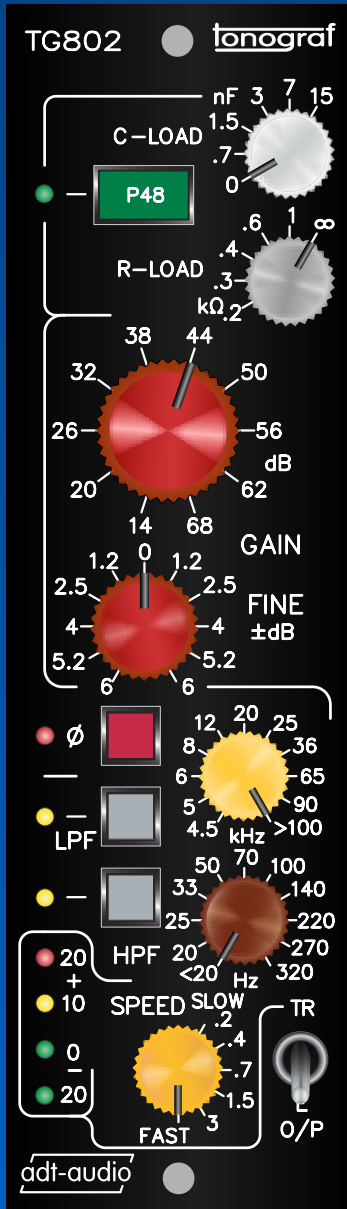


TG802

Discrete Microphone Pre-Amplifier



The TG802 is a premium quality microphone pre-amplifier with discrete input section using ultra low noise transistors. This pre-amp offers excellent transient response together with best noise performance, + 27 dBu headroom, and a wide gain range from 8 to 74 dB without input pad.

- The C-LOAD switch can apply a capacitive load from 700 pF to 15 nF directly to the microphone
- The R-LOAD switch can apply a load resistor from 200 Ω to 1 kΩ directly to the microphone.
- R-Load and C-Load do not change the amplifier; the effects are only caused by the microphone itself.
- P48 switch for standard 48 V phantom power
- 10 position switch for gain range with 6 dB steps from 14 to 68 dB
- Gain fine trim with ± 6 dB range. Full headroom remains at + 27 dBu also at minimum gain of 8 dB.
- Phase reversal switch
- 12 dB/oct low pass filter with edge frequency range from > 100 kHz to 4.5 kHz with Bypass switch.
- 24 dB/oct high pass filter with edge frequency range from < 20 Hz to 320 Hz with Bypass switch.
- Ledmeter with 4 leds
- SPEED switch to reduce the slew rate and affect the transient response for vintage effects. Low speed settings produce an effect similar to analog tape saturation. Aggressive high level, high frequencies are attenuated while high frequency signals at lower levels are not affected.
- O/P switch selects the transformer output instead of the electronically balanced output in the TR position

The module fits into any series 500 frames. The maximum supply current is less than 0,12 A. The Input is electronically balanced, the output either electronically or transformer balanced, selected by the switch O/P.