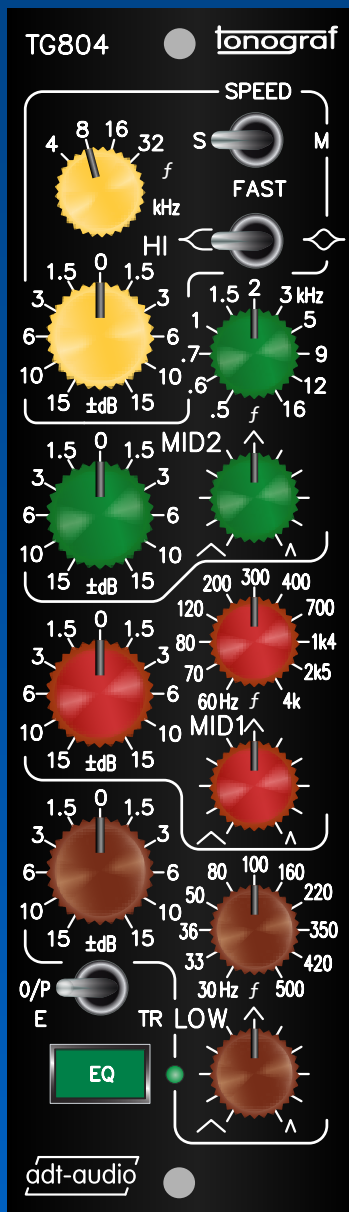


TG804

tonograf

4-Band Equalizer with 3 fully parametric Bands



The TG804 is a 4-band equalizer that combines three fully parametric bands, based on adt-audio's active wien bridge circuit with an RC shelving / bell high equalizer with 4 frequencies.

- Boost/Cut range ± 15 dB for all bands. The 0 dB positions are precisely adjusted.
- High band with frequency selection by stepper switch from 4 to 32 kHz
- Shelving or bell mode, selected by switch
- 3 fully parametric Wien-Bridge based bands with identical boost/cut and q-factor ranges but different sweep ranges for the center frequencies
- Q-factor range from 3 octaves to a third
- Center frequency ranges:
MID2 500 Hz to 16 kHz
MID1 60 Hz to 4 kHz
LOW 30 Hz to 500 Hz
- Custom versions for boost/cut, center frequencies and q-factor ranges are possible.

- the setting of the SPEED switch affects the transient response of the compressor, similar to analog tape saturation. Depending on the setting, high level high frequencies are attenuated, while lower level high frequencies are not affected. FAST disables dynamic high frequency attenuation, M sets a medium value, and S sets full reduction of high level high frequencies

- in the TR position, the O/P switch selects the transformer output instead of the electronically balanced output
- Relay hardbypass for the entire module.

The module fits into any series 500 frames. The maximum supply current is less than 0,13 A. The input is electronically balanced; the output is electronically balanced or transformer balanced, selected by switch O/P.