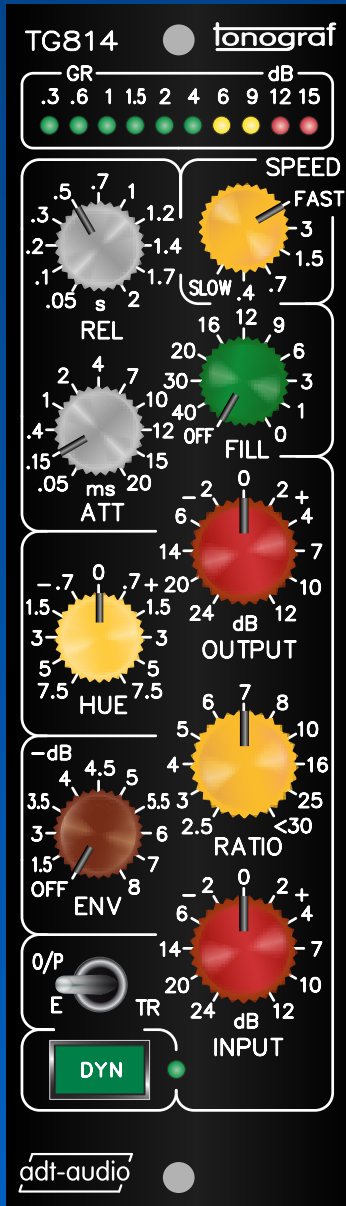


TG814

FET Compressor

tonograf



The TG814 is a low distortion, low noise FET-Compressor with many additional features to reduce the negative side effects of high compression. The control circuit is fully balanced using supermatched FETs and a complex distortion compensation.

- Gain reduction display with 10 leds and 15 dB range
- OUTPUT gain pot from -24 to +12 dB, affects only the compressed output level
- RATIO pot from 1 : 2.5 to 1 : >30
- INPUT controls the input level and the compression of the fixed threshold FET stage from -24 to +12 dB
- Wide ATTACK range from 0.05 to 20 ms
- RELEASE range from 50 ms to 2 sec
- The side chain filter HUE affects the compression in the upper mid and high range
- ENV is a special filter that reduces the low frequencies in the side chain to avoid distortion in the bass range with fast, pump-free release time settings.
- Internal parallel compression; FILL mixes the uncompressed input signal to the output.
- 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.
- in the TR position, the O/P switch selects the transformer output instead of the electronically balanced output
- Relay hardbypass for inputs and outputs.

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.