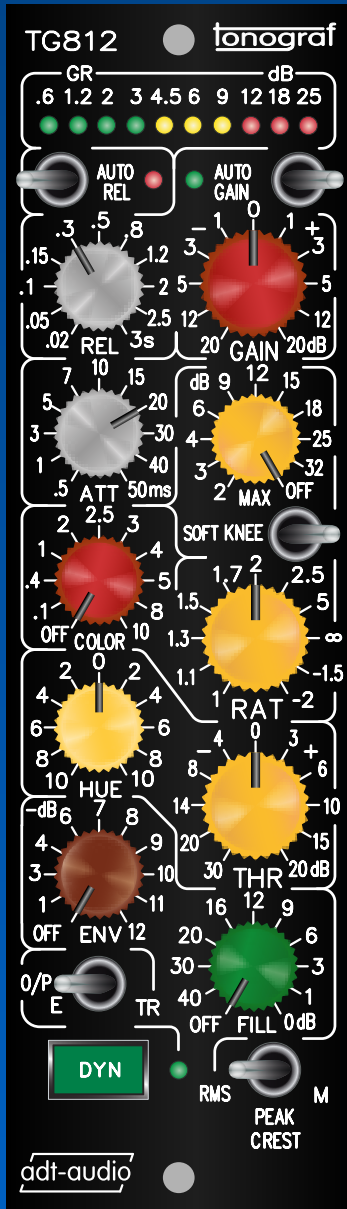


TG812

VCA Compressor



The TG812 is a versatile, all purpose vca compressor with many additional features for high loudness gain and pump-free, natural sounding compression

- Gain reduction display with 10 leds and 25 dB range
- Manual output GAIN pot with ± 20 dB range and lever switch for AUTOGAIN.
- MAX limits the maximum gain reduction down to 2 dB
- SOFT KNEE switch
- RATIO pot from 1 : 1 thru limiter operation to over easy with 1 : -2 range
- THRESHold pot with a range from -30 to +20 dB.
- Wide ATTack range from 0.5 to 50 ms
- RELEASE range from 20 ms to 3 sec
- AUTO RELEASE switch; increases the release time depending on the signal density
- COLOR adds 2nd harmonics to the signal
- 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.
- CREST changes the behavior of the ac/dc converter and therefore the characteristics of the compression from Peak to RMS in 3 steps. Peak results in a hard and aggressive compression while RMS offers a soft, loudness oriented behavior. M sets Crest between the extremes.
- O/P selects the transformer output instead of the electronically balanced output in position TR
- DYN is the 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.