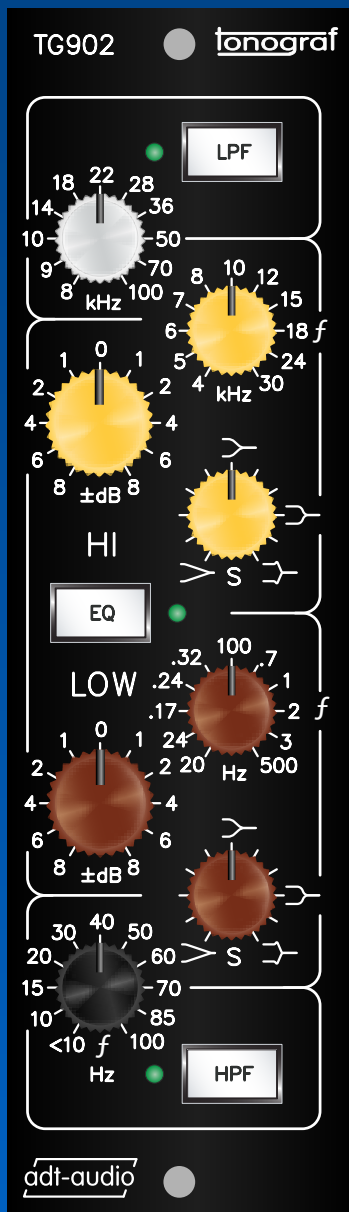


TG902

tonograf

Stereo Shelving Hi-/Low-EQ with adjustable Steepness



The TG902 combines a versatile swept shelving high and low eq with adjustable steepness with 12 dB/oct. high-pass and low-pass filters. The control ranges are designed for mastering and mixing.

- Low pass filter LPF with 12 dB/oct steepness. The sweep range starts at 100 kHz and ends at 8 kHz. The low pass filter has its own bypass switch
- Shelving high equalizer with 8 dB boost/cut range and a sweep range from 4 to 30 kHz. The steepness adjustment changes the course of the boost and cut curves from about 3 dB steepness to 12 dB steepness. The maximum setting results in a 2 dB overshoot at the end of the boost or cut curve. In the 3 o'clock position, the steepness is as high as possible without overshoot.
- EQ is the bypass switch for the high/low equalizer
- Shelving low equalizer with 8 dB boost/cut range and a sweep range from 20 to 500 Hz. The steepness adjustment changes the course of the boost and cut curves from about 3 dB steepness to 12 dB steepness. The maximum setting results in a 2 dB overshoot at the end of the boost or cut curve. In the 3 o'clock position, the steepness is as high as possible without overshoot.
- High pass filter with 12 dB/oct steepness. The sweep range starts below 10 Hz and ends at 100 Hz. The high pass filter has its own bypass switch.
- The relay hardbypass is controlled by the 3 bypass switches LPF, HPF, and EQ. If no switch is pressed, the module is bypass mode.

The module fits into any series 500 frames. For frames with only one input and output per slot, extender cards are available that move the right channel to another slot. The maximum supply current is less than 0.2 A. Inputs and outputs are electronically balanced.