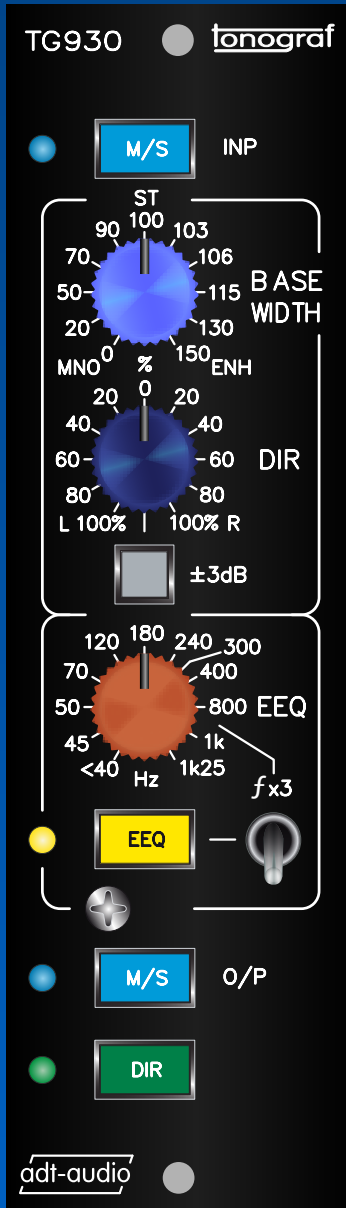


TG930

M/S Matrix & elliptic Equalizer



The TG930 combines matrix stages for L/R - M/S conversion at the inputs and outputs with stereo base width and direction adjustment and an elliptic equalizer to center the bass foundation.

- M/S INP switches the input format from L/R to M/S
- Stereo BASE WIDTH adjustment from 0 % / mono up to 150 % base enhancement. The center position 100 % is calibrated and does not change the base width.
- M/S DIRection control alters the left/right level relation. The center position is precisely calibrated. Unlike a standard balance pot, the m/s direction control does not mute the right channel in the 100 % L or the left channel in the 100 % R position. 100 % L results in a mono signal that is routed to the left output only, while 100 % R routs the mono signal to the right output only. The ± 3 dB switch reduces the total control range to 3 dB for fine adjustment of the center when the TG930 is used for mastering or mixing.
- The elliptic equalizer EEQ centers the bass range of a stereo signal by removing out of phase components. The control range from below 40 Hz to 1250 Hz is calibrated to the frequency that causes 15 dB crosstalk between left and right. The steepness is 6 dB/oct. The control range can be multiplied by 3 with a lever switch. The elliptic eq has its own bypass switch.

- M/S O/P switches the output format from L/R to M/S
- DIR is the master relay bypass switch for the entire module.

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 0.15 A. Inputs and outputs are electronically balanced.