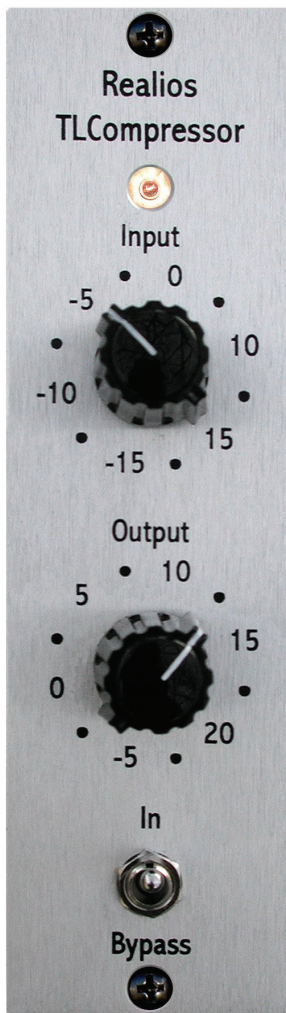


# Realios TLCompressor

## The Smoothest Audio Compressor Ever

- Gain reduction via a tungsten lamp
- Clean RMS compression
- Balanced input and output
- Stepped attenuators
- Single-space 500 series format



Imagine a compressor which doesn't use a photocell, diodes, FET, VCA, or variable-mu tube for gain reduction; only a tungsten lamp. Unlike the other technologies, a tungsten lamp adds no distortion to the audio signal making it a pristine audio device. Not only does a tungsten lamp not add distortion, but it is also a true RMS device which accurately tracks the audio level.

The Realios TLCompressor (Tungsten Lamp Compressor) combines high quality electronically balanced audio electronics with a tungsten lamp as a gain reduction element providing for smooth artifact-free, soft-knee leveling of even the most difficult program material. This is especially useful for female vocals, bass, guitar and mixes.

### TLCompressor Specifications

Input Impedance: 20 K $\Omega$ , balanced

Output Impedance: less than 50 $\Omega$

Max. Output Level: +22dBu, balanced

Input Gain: -15 to 17.5 dB in 2.5 dB steps

Output Gain: -5 to 22.5 dB in 2.5 dB steps

Frequency Response: +/- 3 dB from 3 Hz to 285 kHz

Noise Level: better than 74dB below +4 dBu, 0-30 kHz

Distortion: less than 0.001 % for all gain reductions

### Features:

- Stepped input and output attenuators
- Hard bypass
- Threshold indicator lamp
- Balanced input and output