



T-Komp

Dual Mono Compressor



Congratulations on buying the T-Komp. The T-Komp has a unique design which offers a modern take on the old vari-mu ratio curve. The ratio is level dependent and increases with the signal level, a feature that will give you numerous possibilities.

To make it as useful as possible the T-Komp has two ratio ranges. The first one goes up to 20:1, perfect for instrument tracking and smashing drums etc. The second one is a more narrow range which makes it more suitable for bus compression.

The T-Komp can be selected between feed-forward mode for a punchy, modern response or feed-back mode with a smoother, more musical response.

The RMS detector has five settings, four from fast to slow where number four, the slowest, is similar to the old 160VU. The fifth position is a program dependent adaptive mode.

It is also equipped with a blend control for parallel compression, a HPF-filter to make it less sensitive to low frequency energy like bass and kick drum, and for stereo use there is a link switch.

All controls are stepped for 100% repeatability.

The parameters

Threshold: 41 steps.

Make-up: 0 to +20dB of gain in 41 steps to balance the compressed signal level against the input signal level.

Blend: Dry to compressed sound in 41 steps. Turning the knob clock wise will mix the original signal with the compressed signal.

Timing: RMS timing in five steps.

1. peak limiting
2. fast
3. medium
4. slow (similar to the 160VU)
5. program dependent adaptive mode. To prevent unnecessary low frequency distortion the circuit acts slower for slow moving signals and faster for fast moving signals.

FB: The T-Komp can be selected between feed-forward mode for a punchy, modern response or feed-back mode with a smoother, more musical response.

HPF: When engaged a gentle 6dB/octave high pass filter at 150Hz is applied to the internal side chain signal, making the compression less responsive to low frequency energy.

2:1: Selects a more narrow ratio range, more suitable for bus compression.

In: Engages and disengages the compressor. In bypass the output is connected directly to the input connector via a relay.

Gain reduction meter: The meter shows the average level (RMS) of gain reduction. The side chain circuit and meter are still active even if the compressor is disengaged by unpressing the In switch.

Link: Linking the two channels RMS detectors. For stereo use both channels should have the same settings and be adjusted finely before activating the link switch.



Feed-back mode

Threshold

Blend control

In

Gain reduction meter

Link switch

Make-up gain
0-20dB

RMS Timing
 1. peak limiting
 2. fast
 3. medium
 4. slow (160VU)
 5. adaptive mode

HPF 150Hz

Narrow ratio range 2:1

Mains power

EU - Declaration of conformity / Överensstämmelseintyg

Product

TK Audio T-Komp R, Dual mono compressor
115v - 200mA fuse
230v - 100mA fuse

Manufacturer / Tillverkare

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Halmstad, October 2019

Declaration of conformity

I declare under my sole responsibility that this product, to which this declaration relates, is in conformity with the following standards:

EN55013, EN55020:2002, EN61000-3-2, EN61000-4-2 and EN60065

Following the provision of 73/23/EEC, 89/336/EEC and 93/68/EEC.

Överensstämmelseintyg

Härmed intygas helt på eget ansvar att denna produkt, vilket detta intyg avser, uppfyller följande standarder:

EN55013, EN55020:2002, EN61000-3-2, EN61000-4-2 och EN60065

Following the provision of 73/23/EEC, 89/336/EEC och 93/68/EEC.