

PRODUCT DESCRIPTION

The TUBE-TECH CM 1A is an all-tube optical mono compressor.

It features a gain reduction element, positioned immediately after the input transformer and controlled by the side-chain amplifier, which also contains the two time control circuits.

The CM 1A delivers a very musical and smooth compression. It will make any track sit perfectly in the mix

without any muddiness or distortion - and the source never loses its integrity, even at extreme settings. Furthermore, the operation is very intuitive, enabling you to achieve your goal easy and fast.

The CM 1A is based on the same circuit as the very successful CL 1B but uses a different optical element for better action on percussive sources.



FEATURES

- Unique, low-distortion optical gain reduction element
- All-tube based push-pull amplifier
- Frequency response @ -3 dB: 5 Hz to 25 kHz
- Low noise: < -75 dBu @ 30 dB gain
- CMRR: > 60 dB @ 10 kHz
- Variable ratio from 2:1 to 10:1
- Continuously variable attack and release times
- Variable threshold: Off to -30 dBu
- Output gain: Off to +30 dBu
- Input impedance: 600Ω
- Interconnection of several compressors via two busses
- LED display for monitoring compression and output
- Conductive plastic potentiometers
- Gold plated switches
- Input and output are transformer balanced and fully floating