



PRODUCT DESCRIPTION

The LCA 2B is a tube VCA compressor/limiter with two independent, linkable channels. It is an all-tube device, except for the power supply and sidechain circuit.

The LCA 2B is an extremely versatile unit that works equally well with vocals, instruments and as a bus compressor. Due to its very fast and smooth attack it is also

perfect for drums and percussion.

The LCA 2B is the Tube-Tech equivalent of the Fairchild 670 but only in terms of action, not the actual electronics. Hence, the LCA 2B does not lose its transparency at high frequencies, even when pushed to the limit. These characteristics have made it equally popular for studio and live use.

FEATURES

General

- Tube VCA compressor/limiter
- All-tube based push-pull amplifier
- Frequency response @ -3 dB: 5 Hz to 50 kHz
- Low noise: < -85 dBu @ 10 dB gain
- CMRR: > 60 dB @ 10 kHz
- Separate compressor and limiter
- Output Gain: -6 dB to +10 dB
- Interconnection of several compressors via two busses
- Clickless In/Out relay
- Conductive plastic potentiometers
- Gold plated switches
- Inputs and outputs are trans-

- former balanced and fully floating
- Linkable for stereo applications

Compressor

- Variable ratio (1.6:1 to 20:1)
- Variable threshold (Off to -20 dBu)
- Continuously variable attack and release times
- Choice between 6 presets (Fairchild) and manual attack/release control
- LED Gain reduction display

Limiter

- Variable threshold (Off to 0 dBu)
- Attack: 0.8 ms - release: 0.5 sec
- Separate Limiter On/Off switch
- LED indication of limiter action