

no limits on compression warmth



CL 2A

The TUBE-TECH CL 2A Two-Channel Optical Compressor is an all tube based compressor and limiter targeted at two-channel studio recordings.

Product Description

The TUBE-TECH CL 2A Dual Compressor features two independent optical compressors. The optical gain reduction element is placed after the input transformer and then followed by an all tube-based output amplifier with a +10 dB gain.

A switch with three positions (Link 1, Off, Link 2) is used whenever you want to use the two separate compressors in stereo mode or link several compressors together. The two link busses are identical.

Both Input and Output are balanced and have fully floating transformers with a static screen.

The power supply and the sidechain circuit is based on a solid state circuit.

With the exception of the anode voltage for the output stage all DC voltages are stabilized.

Product Features

- ▶ Optical gain reduction element
- ▶ Linkable for stereo applications
- ▶ VU-meters showing output or compression
- ▶ Variable attack and release 1,5:1 to 10:1
- ▶ Output Gain (off to +10 dB)
- ▶ Frequency response @ -3 dB: 5 Hz to 60 kHz
- ▶ Low noise: < -80 dBu @10 dB gain
- ▶ Conductive plastic potentiometers
- ▶ Gold plated switches
- ▶ Clickless bypass relay

CL 2A *technical specifications*



Impedance

Input:	5 kohm
Output:	< 60 ohm

Frequency response @ -3 dB: 5 Hz to 60 kHz

Distortion THD+N @ 40 Hz

	0 dBu	< 0,15 %
	+10 dBu	< 0,15 %
Max. output:	+26 dBu	< 1 %
Max. input:	+21 dBu	< 1 %

Noise Rg=200 ohm

Output Gain @	OdB	+10 dB
22 Hz-22 kHz:	< -80 dBu	< -80 dBu
CCIR-468-4:	< -70 dBu	< -70 dBu

Cross talk @ 10 kHz: < -60 dB

CMRR @ 10 kHz: < -60 dB

Gain: off to +10 dB

Compressor

Ratio:	1,5:1 to 10:1
Threshold:	off to -20 dBu
Attack:	3 ms to 60 ms
Release:	60 ms to 2 s

Tubes

ECC 82	2 pcs
ECC 83	2 pcs

Dimensions

Height: 2 units	88 mm	3,5"
Width:	483 mm	19,0"
Depth:	205 mm	8,1"

Weight

Net:	5,8 kg	12,8 lbs.
Shipping:	7,1 kg	15,6 lbs.

Power requirements

@ 115 V/230 V, 50-60 Hz:	30-45 W
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Notes

All specifications @ RL=600 ohm
Lydkraft reserves the right to alter specifications without prior notice

Dealer