

## Tube-Tech

### CL 2A Dual Channel Opto-Cell Tube Compressor



#### Product Information

The **CL 2A** is a two channel version of the CL 1B optical compressor with an all tube based output amplifier. The unit contains unique low distortion gain-reduction elements, and the inputs and outputs are balanced and are fully floating.

The optical gain reduction element is positioned immediately after the input transformer, and is followed by an all tube-based amplifier, with a gain of +10dB. The power supply and side-chain circuit on the **CL 2A** is based on a solid state circuit. All DC voltages are stabilized except the anode voltage for the output stage.

A switch with three positions is used when the two channels are used in stereo mode, or if several compressors are linked together. The two link busses are identical. Both input and output of the **CL 2A** have balanced and fully floating transformers with a static screen.

#### Features

- Dual channel opto compressor
- Multiple interconnection of several compressors is possible via two busses
- Clickless IN/OUT key
- VU-meter for monitoring input, compression and output

#### Specifications

<b>Function</b>	Compressor
<b>Number of Channels</b>	2
<b>Inputs</b>	2 x XLR
<b>Outputs</b>	2 x XLR
<b>Maximum Input Level</b>	<i>Not specified by manufacturer</i>
<b>Compression Threshold</b>	-20 to off
<b>Compression Ratio</b>	1.5:1 to 10:1
<b>Attack Time</b>	3mSec to 60mSec
<b>Release Time</b>	60mSec to 2 Sec
<b>Gate Threshold</b>	Not applicable
<b>Gate Rate</b>	Not applicable
<b>Maximum Output Level</b>	+26dBu
<b>Make-Up Gain</b>	Off to -10dB
<b>Frequency Response</b>	5Hz to 60kHz
<b>Dynamic Range</b>	<i>Not specified by manufacturer</i>
<b>Noise</b>	<-80dBu
<b>Dimensions</b>	2U rack mount
<b>Specialties</b>	Very low noise