TCX20

Dual/Stereo Tube Compressor



PRODUCT OVERVIEW

The TCX20 is a dual channel Tube compressor, which can be linked for stereo processing. It features two active tube amp stages per channel; one stage at the input and one for the output Gain Make-Up. The input stage has a tube drive control with a 40dB range.

The compressor features variable Threshold and Ratio and variable rate Auto-Sensing Attack and Release. This form of semi-automatic circuitry gives fully variable control to the user, but backs it up with auto-sensing circuitry that makes the TCX20 both easy and forgiving to use.

Each channel is completed with an eight-segment LED bargraph, a 20dB output tube gain amplifier and a bypass button.

APPLICATIONS

As well as performing all the tasks of a professional compressor, the TCX20 also adds classic tube warmth to an instrument or final mix.

Use the TCX20 for:

-Increasing the power of a final mix

-Limiting PA signal levels

-Preventing distortion in recording

-Vocal levelling

-Fattening drums

-Emphasising solo instruments

-De-Essing and De-popping*

* using an equaliser with the sidechain insert.

SPECIFICATIONS

ELECTRICAL

Operating Levels:	-10dBV on TRS jack +4dBu on XLR
Frequency response:	±1dB, 20Hz to 20kHz
Noise:	<-87dBu
THD:	< 0.05%
Input impedance:	20k balanced
Max. input level:	+20dBu
Output impedance:	<100R ground sensing
Max. output level:	+20dBu
Compressor Threshold:	-30dB to +20dB
Ratio:	Variable 1:1 to 20:1
Gain adjustment:	±20dB
GR meter:	-2, -4, -6, -10, -15, -20dB
Attack & Release	Variable window, Auto-Sensing Attack: 0.1ms to 100ms Release: 40ms to 4s
Power Consumption:	7VA,115/230VAC, 50/60Hz

PHYSICAL

Input connectors:	3 pin XLR, wired Pin 2 hot º" TRS jack, wired Tip hot
Output connectors:	3 pin XLR, wired Pin 2 hot º" TRS jack, wired Tip hot
Power Connection:	3 pin IEC socket. Detachable Lead
Dimensions:	483mm (19") W 200mm (8") D 44mm (1.75") H
Weight:	2.9kg
Shipping weight:	3.5kg

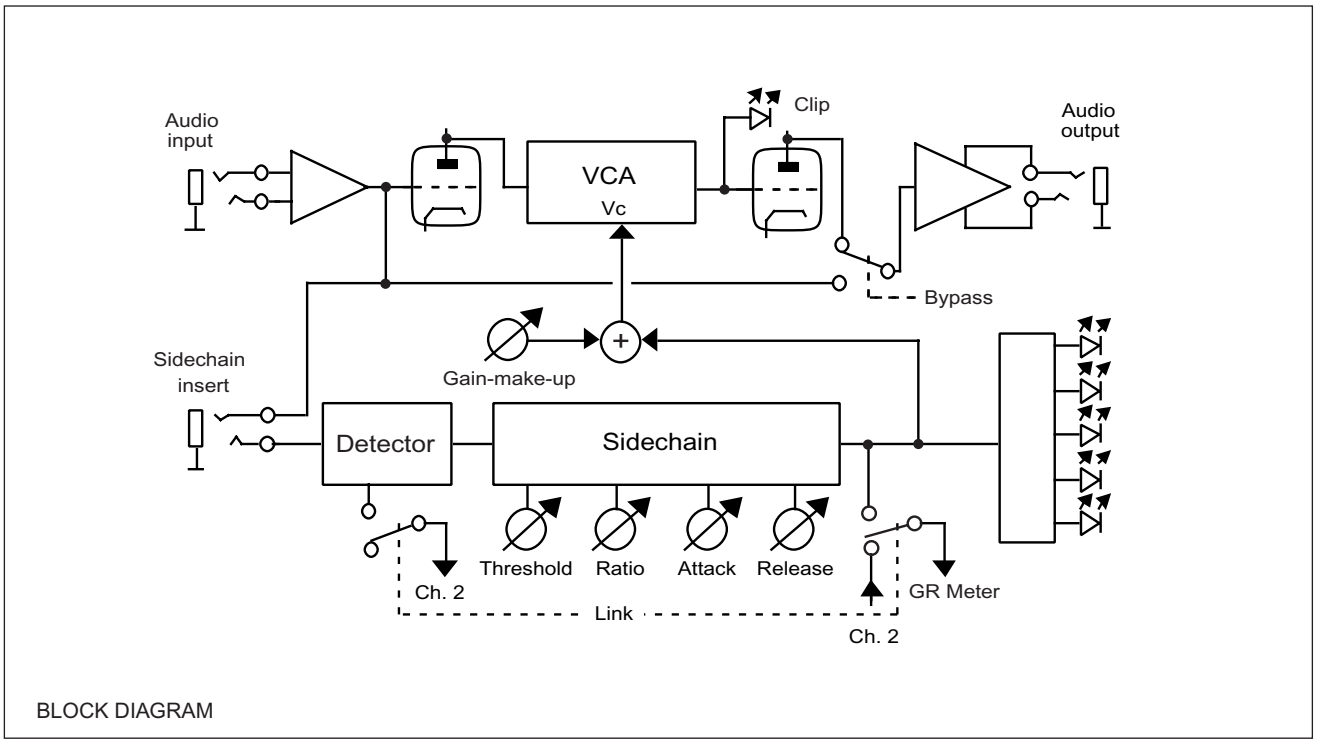
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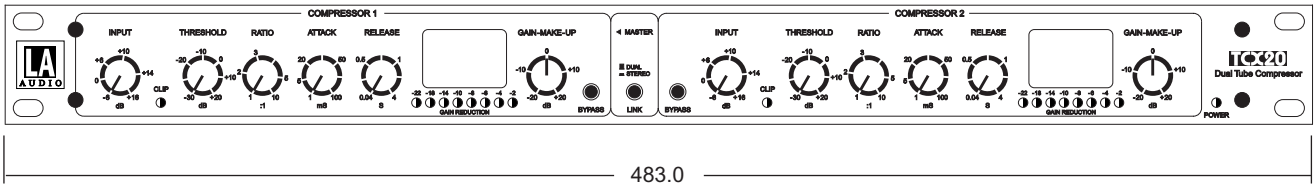
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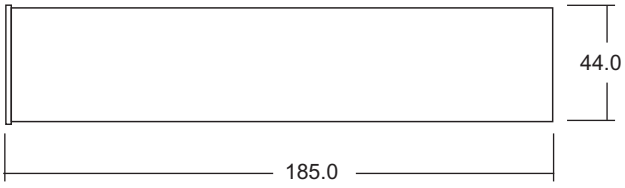
TCX20

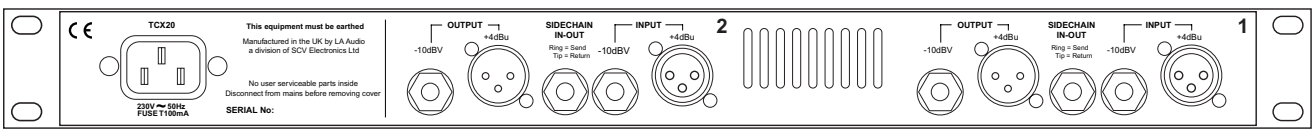
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BLOCK DIAGRAM







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