

GCX20

Dual/Stereo Compressor/Gate



PRODUCT OVERVIEW

The GCX20 is a professional dual channel Compressor with integral Noise Gate, which can be operated as two independent channels or in Stereo Link mode to process a stereo signal.

The compressor incorporates fully variable Threshold, Ratio and Gain with Attack and Release handled by a sophisticated 4-mode auto sensing circuit - automatically tailoring Attack/Release times to suit the signal.

The Gate section incorporates a fast acting Attack circuit with variable Threshold and Release controls and is ideal for a number of essential gating tasks.

APPLICATIONS

The GCX20 is an essential processor for studios and sound reinforcement applications, such as -

Compressor section:

- 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
- Ducking

Gate section:

- Noise reduction
- Feedback suppression
- Tightening percussion
- Separating percussion.

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
Maximum input level:	+20dBu
Output impedance:	<100R, ground sensing
Maximum output level:	+20dBu
Compressor Threshold:	-30dB to +20dB
Ratio:	1:1 to 20:1
Gain adjustment:	±20dB
GR meter:	-2, -4, -6, -10, -15, -20dB
Attack:	Program dependent 5-70ms (fast), 10-100ms (slow)
Release:	Program dependent Up to 1s (slow), Up to 3s (fast)
Gate Threshold:	-50dB to +16dB
Gate Attack:	<1ms
Gate Release:	30ms to 3s
Power Consumption:	7VA, 115/230V, 50/60Hz

PHYSICAL

Input connectors:	3 pin XLR (Pin 2 hot) Ø TRS jack (Tip hot)
Output connectors:	3 pin XLR (Pin 2 hot) Ø TRS jack (Tip hot)
Power Connection:	3 pin IEC socket. Detachable lead.
Dimensions:	483mm (19") W 150mm (6") D 44mm (1.75") H
Weight:	2.2kg
Shipping weight:	2.85kg



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In keeping with our policy of continuous improvement LA Audio reserves the right to alter specifications without prior notice. Manufactured in the UK by LA Audio, 6-24 Southgate Road, London, N1 3JJ.
Tel: +44 (0)207 923 7447, FAX: +44 (0)207 241 3644. Web: www.laaudio.co.uk. email: sales@laaudio.co.uk
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