

# 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<br>+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<br>5-70ms (fast),<br>10-100ms (slow)   |
| Release:              | Program dependent<br>Up to 1s (slow),<br>Up to 3s (fast) |
| Gate Threshold:       | -50dB to +16dB   |
| Gate Attack:          | <1ms   |
| Gate Release:         | 30ms to 3s   |
| Power Consumption:    | 7VA, 115/230V, 50/60Hz                                   |
| <b>PHYSICAL</b>       |  |
| Input connectors:     | 3 pin XLR (Pin 2 hot)<br>Ø TRS jack (Tip hot)            |
| Output connectors:    | 3 pin XLR (Pin 2 hot)<br>Ø TRS jack (Tip hot)            |
| Power Connection:     | 3 pin IEC socket.<br>Detachable lead.                    |
| Dimensions:           | 483mm (19") W<br>150mm (6") D<br>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](http://www.laaudio.co.uk). email: [sales@laaudio.co.uk](mailto:sales@laaudio.co.uk)  
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