



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:

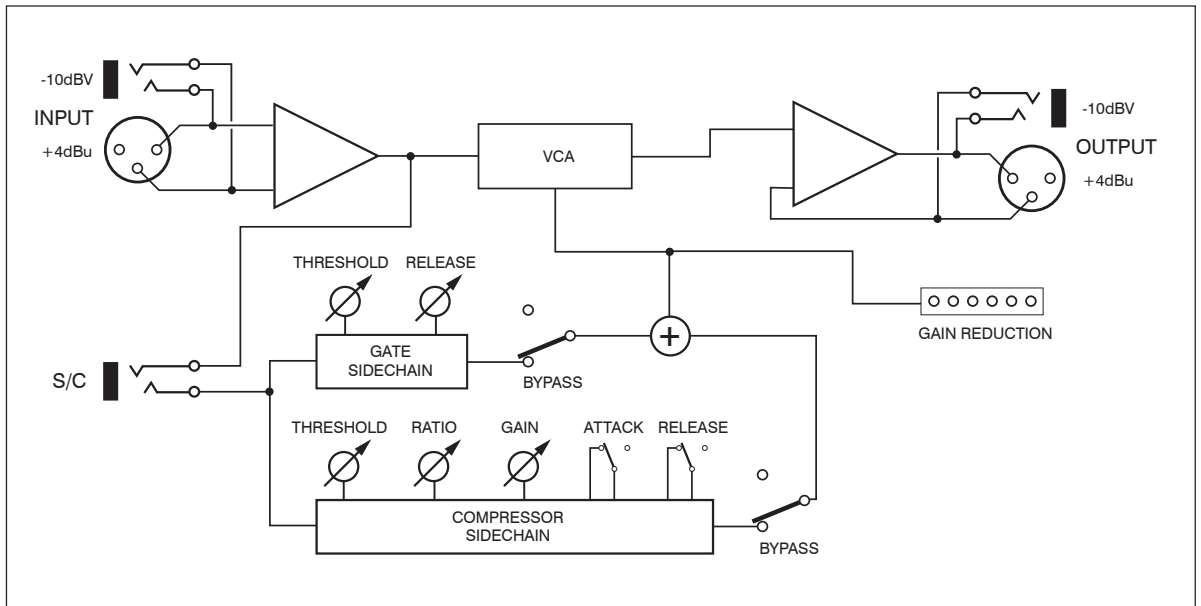
- Noise reduction
- Feedback suppression
- Tightening percussion
- Separating percussion.

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)
	□ ¼" TRS jack (Tip hot)
Output connectors:	□ 3 pin XLR (Pin 2 hot)
	□ ¼" 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

BLOCK DIAGRAM



DIMENSIONS

