

Input Section

Impedance	Balanced 12kOhm differential
Max Input Level	+20dBv
CMRR	Better than 50dB, 20Hz to 20kHz
Connector	XLR331 or equivalent

Output Section

Impedance	Balanced and floating to drive 600 Ohm loads
Max Output Level	+20dBv into 600 Ohm load
Connector	XLR332 or equivalent
Range	Switchable attenuation between 70dB and 20dB The latter may be user defined by internal links

System Performance

Frequency Response	+ 1dB, 20Hz to 20kHz Ultrasonic low pass filter 3dB at 32kHz
Noise	Measured to CCIR 4682 Zero attenuation : less than 86dBv
Maximum attenuation:	<-90dBv
Distortion	THD less than 005%, 20Hz to 20kHz
SMPTE IM	< 002%
Crosstalk	> 90dB 20Hz to 20kHz

Operating Controls

Key Filter Frequency	Variable between 30Hz and 15kHz centre
Key Filter Width	Variable between 05 and 10 octaves
Key Source	Internal or External, via rear panel ¼"TRS jack
Threshold	Variable between +20dBv and 50dBv
Attack	Audio attack switchable FAST (20µs) or AUTO (40µs 5ms, programme dependant)
Release	Combined Hold/Release function is variable 1ms to 3 sec Hold period tracks proportionally with Release
Link	Stereo linkable in paris 1/2 and 3/4 Channels 1 and 3 become masters

Metering

Key Side Chain	Simultaneous average and peak reading 12 point LED display showing 20dB range either side of threshold
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Gate Open Marker	Single LED shows exact gate status and mimics response profile
Ext Key Socket	3 pole, ¼" RTS jack socket used for EXT keyin or key insert functions

General

Size	482mm x 44mm x 282mm (19" x 1.75" x 11").
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Weight	5kg (11lbs) gross shipping.
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Electricity Supply	Switched 120/240V +10% 20% 50/60Hz.
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