in the low octaves and can cause excessive compression. Our ears may tend to associate loudness with mids or high mids for some sounds and one may be wanting the compressor to regulate and smooth perceived loudness. Removing some amount of low frequencies that the compressor “sees” can help especially if one is compressing deeply (-8 dB or more)

Link
When link buss is provided by the 500 series rack, install modules and use switch to link. Note that other devices using the link buss cannot be installed at the same rack at the same time.

When link buss is not provided (i.e. API rack), a jumper wire must be used to connect adjacent or multiple modules. We have provided a 2 pin connector on back for a jumper cable to link modules. Both pins carry the link signal so that single wire jumpers can be used to link multiple modules in daisy chain fashion. Cables may be aquired through your local dealer at the time of purchase.

SPECIFICATIONS

Gain Range:
Continuously variable from -6 dB to +20 dB.

Threshold Range:
Continuously variable from -30 dB to +20 dB.

Ratio Range:
Continuously variable from 1.1:1 to Limit (40:1).

Attack Range:
Continuously variable from 20mS to 75mS

Release Range:
Continuously variable from 100mS to 2.5 Seconds..

Total Harmonic Distortion and Noise:
@1kHz, 0dBu output level, no load.
Main Output, compressor bypassed
Better than 0.002%
@ 20dBu better than 0.0015%

Main output, compressor engaged
Better than 0.075%

Noise:
Measured at Main Output, un-weighted, 22Hz-22kHz, Terminated 50 Ohms.
With Gain at Unity, Compressor disengaged
better than -98dBu

With Gain at Unity, Compressor engaged:
better than -93dBu

Frequency Response:

Main Output, Unity Gain
@ 150 kHz -3 dB.

Crosstalk:

Measured channel to channel
Better than –90 dB @ 15kHz.

Meters:

Monitors INPUT LEVEL and GAIN REDUCTION

Line Input Impedance

10,000 Ohms

Maximum Output Level:

21dBu from 20Hz to 40kHz

Power requirements:

Supplied by 500 series rack with 110-125 mA @ +/- 16V