



TECHNICAL SPECIFICATION

- Goof proof operation to smooth uneven levels, add sustain to guitars, fatten drums or tighten up mixes
- New gate timing algorithms ensure the smoothest release characteristics
- Program-adaptive expander/gates
- Great sounding dynamics control for any type of program material
- Separate precision LED displays for gain reduction, compression threshold and gate threshold allow quick, accurate setup
- Stereo or dual-mono operation
- Balanced inputs and outputs on 1/4" TRS and XLR
- Side chain insert
- Classic auto mode

INPUT

Connector 1/4" TRS phone and XLR
 Impedance > 50KΩ balanced, > 25KΩ unbalanced
 Maximum Level +24dBu, balanced or unbalanced
 CMRR > 40dBu at 1KHz, typically > 55dB

SIDE CHAIN INSERT

Connector 1/4" TRS phone
 Impedance Tip = > 10KΩ (input)
 Ring = 2KΩ (output)
 Maximum Level +24dBu

OUTPUT

Connector 1/4" TRS and XLR
 Impedance 120Ω balanced, 60Ω unbalanced
 Maximum Level ... +21 dBu, > +20dBm into 600Ω, balanced or unbalanced
 Frequency Response 20Hz - 20KHz; +0, -0.5dB, typical 3dB points are
 0.35Hz and 110KHz, unity gain
 Noise < -90dBu, 22Hz to 22KHz, no weighting, unity gain
 THD+N ... Typically < 0.04% ; any amount of compression up to 40dB @ 1KHz
 Typically < 0.08% @ +10dBu (15dB gain reduction)

COMPRESSOR

Threshold Range -40dBu to +20dBu
 Threshold Characteristic Selectable OverEasy or Hard Knee
 Compression Ratio Variable ; 1 : 1 to infinity ; 1, 60dB maximum
 compression

Attack Time Variable program-dependent ; 3ms to 340ms for 15dB
 gain reduction

Release Rate Variable program-dependent ; 200dB/sec to 3dB/sec

EXPANDER/GATE

Threshold Range Off to +15dBu
 Expansion Ratio 10 : 1
 Maximum Depth > 60dB
 Attack Time < 500us (from maximum depth)
 Release Time Adjustable, 30ms to 3sec (to 30dB attenuation)

PEAK STOP LIMITER

Threshold Range 0dBu to +20dBu

SYSTEM PERFORMANCE

Gain Adjustment Range variable ; -20dB to +20dB
 Interchannel Crosstalk < -80dB, 20Hz to 20KHz
 Dynamic Range > 115dB
 Stereo Coupling True RMS power summing
 Operating Temperature 0°C to 45°C (32°F to 113°F)

POWER SUPPLY

Operating Voltage 230VAC 50/60Hz
 Power Consumption 15 Watts

PHYSICAL

Dimension [HxWxD] 1.75" x 19" x 6.75" (4.45 x 48.2 x 17.15 cm.)
 Weight 5.05 lbs. (2.29 kg.)
 Shipping Weight 7.20 lbs. (3.27 kg.)

<http://www.nts-solution.com>

All features & specifications are subjected to change without notice.



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