



### SYSTEM PERFORMANCE

Bandwidth .....	20Hz to 20KHz, +0.5/-1dB
Frequency Response .....	< 10Hz to > 50KHz, +0.5/-3dB
Noise Reduction In (+/-6dB and +/-15dB range)	
: Signal to Noise .....	> 100dB, unweighted
: Dynamic Range .....	> 118dB, unweighted
Noise Reduction Out (+/-6dB range)	
: Signal to Noise .....	> 94dB, unweighted
: Dynamic Range .....	> 112dB, unweighted
Noise Reduction Out (+/-15dB range)	
: Signal to Noise .....	> 90dB, unweighted
: Dynamic Range .....	> 108dB, unweighted
THD+Noise .....	< 0.04%, 0.02% typical at +4dBu, 1KHz
.....	< 0.5% at 1KHz with 15dB gain reduction
Interchannel Crosstalk .....	< -80dB, 20Hz to 20KHz
Noise Reduction .....	Up to 20dB of dynamic broadband noise reduction

### FUNCTION SWITCH

Type III NR .....	Activate Type III Noise Reduction
EQ Bypass .....	Bypass the graphic equalizer section in the signal path
Low Cut (recessed) ..	Activate the 40Hz 18dB/octave Bessel high pass filter
Range (recessed) ..	Select either +/-6dB or +/-15dB slider boost/cut range

### INDICATOR

Output Level .....	4 LED bar graph at -10, 0, +10 and +18dBu
Gain Reduction .....	4 LED bar graph at 0, 3, 6 and 10dB
Type III NR Active .....	Yellow LED
EQ Bypass .....	Red LED
Clip .....	Red LED
Low Cut .....	Red LED
+/-6dB Range .....	Yellow LED
+/-15dB Range .....	Red LED

### POWER SUPPLY

Operating Voltage .....	230VAC 50/60Hz
Power Consumption .....	28 Watts
Main Connection .....	IEC receptacle

### PHYSICAL

Dimension [HxWxD] .....	5.25" x 19" x 7.9" (13.4cm. x 48.3cm. x 20.1cm.)
Weight .....	10.6 lbs. (4.8 Kg.)
Shipping Weight .....	11.6 lbs. (5.3 Kg.)

## TECHNICAL SPECIFICATION

- Type III Noise Reduction capable of restoring up to 20dB S/N ratio
- PeakPlus limiter for system protection
- Switchable range between +/-6dB and +/-15dB
- Balanced input and output
- XLR, barrier strip and 1/4" TRS connector
- -12dB/+12dB input gain range
- 18dB/octave 40Hz Bessel low cut filter
- Chassis/signal ground lift capability

### INPUT

Connector .....	1/4" TRS, female XLR (pin 2 hot) and barrier terminal strip
Type .....	Electronically balanced/unbalanced, RF filtered
Impedance .....	Balanced 40KΩ, unbalanced 20KΩ
Max Input Level .....	> +21dBu balanced or unbalanced
CMRR .....	> 40dB, typically > 55dB at 1KHz

### OUTPUT

Connector .....	1/4" TRS, male XLR (pin 2 hot) and barrier terminal strip
Type .....	Impedance balanced/unbalanced, RF filtered
Impedance .....	Balanced 120Ω, unbalanced 60Ω
Max Output Level ..	> +21dBu balanced/unbalanced into 2KΩ or greater
.....	> +18dBm balanced/unbalanced (into 600Ω)

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All features & specifications are subjected to change without notice.



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