

Ref. 12113

PROCESSEUR MICRO 1 CANAL



INTRODUCTION

- ✓ Processeur de voix analogique 1 bande pour rack standard (1U).
- ✓ Applications : Diffusion, Studio, Podcasting, Événements-Conférences
- ✓ Ajoute de la chaleur et de la couleur à vos émissions et enregistrements numériques.
- ✓ Qualité sonore, fiabilité et performances exceptionnelles
- ✓ Six processus dans un seul dispositif :
 - Préampli Micro,
 - De-esser,
 - Expandeur,
 - Compresseur,
 - Égaliseur 3 bandes,
 - Alignement symétrique de la voix
- ✓ Les connexions du panneau arrière permettent la réorganisation des processus ou l'insertion d'effets externes.

CARACTÉRISTIQUES TECHNIQUES

Inputs	
Controls and Switches	Mic Gain, Phantom Power, Mic/Line
Mic and Line Input Connectors	XLR-female (2)
Clip LED	Lights at +17 dBu output level from mic preamp or line input amplifier
Microphone Input Type	Balanced Transformerless, Low Impedance
Phantom Power (DIN 45 596)	+48 V, nominal
Microphone Preamp Gain	22 to 60 dB (pad out) 7 to 45 dB (pad in)
Microphone Input Maximum Input Level	-3 dBu (pad out)
Equivalent Input Noise (EIN)	-126 dBV (150-0 Ω source, 20 Hz to 20 kHz)
THD + Noise (Preamp only)	0.05% (2 kHz, 50 dB gain, +17 dBu output)
Mic Preamp CMRR	> 60 dB (40 dB gain, 20 Hz to 20 kHz)
Line Input Type and Impedance	10 kΩ Transformerless Balanced Bridging
Line Input Maximum Input Level	+24 dBu
Line Input Nominal Input Level	+4 dBu
Line Input CMRR	> 50 dB (0 dBu, 20 Hz to 20 kHz)

Parametric Equalizer

Type	Three-band Parametric Equalizer
Bands	Low: 16 to 500 Hz, Mid: 160 to 6300 Hz, High: 680 Hz to 22 kHz
Peak/Dip Bandwidth	0.3 to 4 octaves, measured at maximum boost
Maximum Boost/Cut	+/- 15 dB

Metering

Type	Multi-segment LED bar graph
Output Level	-20 to +3 VU (0 VU = +4 dBu), VU calibrated, peak responding
Gain Reduction	Separate displays for: de-esser, downward expander, and compressor 0 to 20 dB per display

Overall Performance Data

Frequency Response	20 Hz to 20 kHz (+0, -0.5 dB), EQ cut, compressor out, downward expander out, de-esser out
THD + Noise	0.05%, 20 Hz to 20 kHz, +4 dBm output
Noise Floor	Better than -89 dBu, 20 Hz to 20 kHz

Dynamic Range Processor

Type	Interactive Comp/Limiter-Downward Expander
Comp/Limiter Ratio	1:1 to 10:1
Downward Expansion Ratio (max)	1:1.8
De-esser Type	Program controlled high-cut filter, 12 dB/octave
Frequency Range	800 Hz to 8000 Hz
Threshold	-30 to 0 dBu
Output Section Type	Balanced, Transformerless
Maximum Output Level	+24 dBm Balanced, +18 dBm Unbalanced
Connector	XLR-male
Output Clip LED	Lights 3 dB below clipping
Output Source Impedance	200 Ω , Balanced
Minimum Load Impedance	600 Ω Balanced or Unbalanced
Voice Symmetry Switch	Improves modulation symmetry of speech signals
Output Gain	+/- 15 dB

Physical

Size (hwd)	1.72 x 19 x 7.25 inches, 4.37 x 48.26 x 18.415 cm
Weight	7.6 lbs (3.5 kg) net, 10 lbs (4.6 kg) shipping

Electrical

Power Requirements	115 VAC nominal, 105 to 125 VAC, 50 to 60 Hz, 15 W maximum 230 VAC nominal, 205 to 253 VAC, 50 Hz 15 W maximum
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