

9762A

Legends 500 Series Microphone Preamp



THE NEW 9762A LEGENDS 500 SERIES MODULE!

RTZ is proud to introduce the new 9762A for the popular 500 Series format! Now you can have the same great sound and performance as the original 9762 Dual Combo 19" rack mount unit available in the 500 format. Every effort has been made to retain the same audio path as the original design with no component or circuit compromises.

The 9762A delivers the same +27dBu output level drive capabilities as the original 9762 rack unit. Internally the 9762A uses dual soft-start linear regulators with an isolated virtual ground architecture to achieve true 24V operation - no switching supplies are used. This approach allows the 9762A to deliver the same high output level drive capabilities without sacrificing any signal overhead or the line driver and gain block performance.

The 9762 contains a single channel of high gain amplification capable of providing up to 75 dB of gain and up to +27dBu output levels. The microphone input and line output signals are fully transformer balanced and isolated. Standard features include +48V Phantom power, polarity (phase) reverse, DI input source select, microphone impedance select and HPF (high pass filter) options. The 9762A is a high performance preamplifier designed specifically for the 500 Series modular rack format. It is well suited for professional recording, sound reinforcement, broadcast or any application where a high quality preamplifier is required.

Contact us direct or through one of our authorized dealers today to checkout the 9762A!

SPECIFICATIONS

Recommended Source :	200Ω balanced
Recommended Output Load:	Low-Z (600Ω)
Maximum Input Level:	0 dBu
Output Level:	+27 dBu Maximum
Maximum Gain:	75 dB
Frequency Response:	20 Hz to 50 kHz ±1.5dB
Output Distortion (THD+n):	1% THD, 22kHz B/W Low-Z mode, 150-Ohms source, 27 dBu
Input Sensitivity:	-75 dBu to -20 dBu for +4 dBu output
Input Referred Noise:	-106dBu Unweighted Noise Lo Z Mode, 22kHz Bandwidth
Power Requirements:	+/-16 VDC, 120mA
Temperature Range:	10 C to 50 C
Shipping Weight:	Approximately 2 lbs
Dimensions:	5.25" (H) x 1.5"(W) x 5.6"(L)

FEATURES

- Very musical British style microphone preamplifier.
- Up to 75 dB of gain and +27dBu output levels.
- Super high quality Lundahl mic input transformer.
- Custom Sowter line output transformer.
- Discrete 100Hz -12dB/octave high pass filter.
- Switchable FET buffered direct instrument input.
- Microphone impedance select switch.
- Precision eight segment output level VU meter.
- Input stage signal present and overload LED indicators.
- Long life conductive plastic level potentiometer.
- Long-life electrolytic capacitors.
- Four layer PCB's with meticulous layout and grounding.
- Full 5-Year limited warranty against defects.
- Hand built in the USA.

For more info: 770 663-0076

<http://www.rtzaudio.com>

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All specifications are subject to change without notice.