

**T**HE MODEL SX202 DUAL MICROPHONE PREAMPLIFIER is an ultra clean two channel stereo/mono preamp, intended for use in the most critical digital and analog recording situations. In addition, the SX202 is ideally suited for broadcast use, and for general purpose paging or public address applications.

Used in place of older preamp designs, the SX202 offers substantial sonic improvements with its solid stereo imaging (less than 10 degrees phase shift at 20 kHz), excellent transient handling (its positive and negative slew rates are symmetrical), very low noise (approaching the theoretical limit), and almost undetectable distortion (.007%).

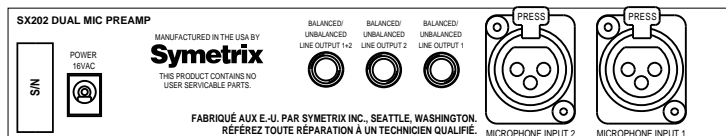
Its unique combination of features and performance make the SX202 a very versatile product, designed to deliver superior performance in a wide variety of circumstances. Variable gain inputs, with 15 dB pads, allow the SX202 to handle any input up to 14 dBV. Switchable +48 volt phantom power is included for professional condenser microphones. One channel is equipped with a polarity switch, to correct for improperly wired cables or unresolvable mic placement problems. In addition to the individual outputs from each preamp, a left + right output is included to provide a combined mono feed. •

## APPLICATIONS

- Console mic-pre replacement
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- DAT recording
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- Paging systems
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- Broadcast interview setups
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## FEATURES

- Input levels to +14 dBV Left/Right and Left + Right outputs
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- Uncompromising sonic performance
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- +48 Volt phantom powering
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- Polarity reversal
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- Compact (½ rack) and lightweight
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- UL listed power supply
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## SPECIFICATIONS

Specifications subject to change without notice.

<b>Input/Output</b>	
Input Type	Low-Z Balanced, Transformerless
Input Impedance	>3 kilohms
Maximum Input Level	+14 dBV (with pad)
Connector	XLR-3
Output Type	low-Z
Output Source Impedance	600 Ohms Balanced, 300 Ohms Unbalanced
Maximum Output Level (600 Ohms)	+24 dBm Balanced, +18 dBm Unbalanced
Connectors	1/4" TRS Balanced/Unbalanced

<b>Physical</b>	
Size	½ rack unit
Size (HWD)	1.75 x 8.5 x 6.5 inches, 4.445 x 21.59 x 15.875 centimeters
<b>Electrical</b>	
Power Requirements	16V AC, 200 ma (Symetrix PS-2 supplied)

<b>Performance Data</b>	
Clip Indicators	red LED's, fire 4dB below clipping
Frequency Response	20 Hz to 20 kHz, +0 dB, -1 dB
THD+Noise	0.007% (1 kHz, 0 dBm, 600 Ohms) 0.01% (1 kHz, +24 dBm, 600 Ohms)
Signal to Noise Ratio	95 dB (-50 dBV, 150 Ohms)
EIN	-128 dBm (150-Ohm source, 20 Hz to 22 kHz 60 dB gain)
Phantom Power (DIN 45 596)	+48V
Maximum Gain	60 dB
Minimum Gain	20 dB

# SX202