



3 x 1 Mic/Line Mixer

TSD-MIX31RL

SKU: 25524 UPC: 612079187805

The TSD-MIX31RL 3x1 mic/line mixer includes two mic/balanced line inputs via removable Phoenix style connectors and a stereo summing dual RCA input. Switchable phantom power is provided for both mic inputs to facilitate condenser microphones. The high quality, low noise internal mic preamps ensure clarity and quiet operation without unwanted coloration. A 12dB / octave high pass filter @ 125Hz also is available on each input to minimize bass rumble and low frequency feedback.

Priority paging can be accomplished via contact closure or VOX trigger on Input 1 (mutes input 3 only). Remote level control feature allows use of the AAVC-10K (or equivalent) decorative wall plate control for convenient remote adjustment of either the entire mix bus or input 3 only (typical BGM input). A variable output limiter provides system protection by reducing clipping and distortion - which is especially useful when mixing multiple mics and/or line sources with varying volumes.

Unit requires Power Supply that is sold separately for proper function, multiple TSDs can be powered with one power supply based on current requirements. This unit has a power requirement of 60mA so any of the available TSD power supplies can be used with the unit. For multiple TSD applications use the TSD Power Calculator to determine the proper power supply needed.

Features

- Two (2) Balanced Mic/Line Inputs
- High Gain (50dB) Microphone Preamps
- Switchable 24V Phantom Power
- One (1) Unbalanced Summing Dual RCA Line Input
- Vox Sense and Contact Closure Priority Mute of Ch3
- Variable Output Limiter
- Remote Level Control
- 12dB/Octave Low Cut Filter @ 125Hz
- Input Signal & Peak Indicator LED's
- High Gain Output for Driving Long Balanced Lines
- Separate Ground Connections
- Power Supply Sold Separately
- Removable Phoenix Style I/O Connectors
- Security Covers Included for All Front Panel Controls
- Energy Efficient

Unbalanced Input Impedance	10K?
THD	.06% & 1kHz
Input Level	316mV (-10dBV)
Balanced Input Impedance	1.2K? Balanced, 600? Unbalanced
Phantom Power	24VDC Defeatable
Low Cut Filter	125Hz/12dB Defeatable
Line Input Level	1V (0dBV) Balanced 2V (+6dBV) Balanced Output
Mic Input Level	46dB Gain 10mV (-40dBV) Balanced
Output Impedance	300? Balanced, 150? Unbalanced

Line Output Level	1V (0dBV) In
Frequency Response	20Hz - 20kHz (+/-1dB)
Signal To Noise Ratio Line To Line	85dBV
Signal To Noise Ratio Mic To Line	70dBV
24VDC Power Requirements	60mA
Height	1.5" (3.81 cm)
Width	4" (10.16 cm)
Depth	2.5" (6.35 cm)
Weight	6oz., .165kg
Voltage Compatibility	24V