



4 x 1 Mic/Line Mixer

TSD-MIX41

SKU: 25525 UPC: 612079187812

The TSD-MIX41 4x1 mic/line mixer is ideal for applications where multiple mic or line sources need to be sub mixed or summed. In house of worship applications the TSD-MIX41 is especially useful for combining similar sources such as choir microphones to a single mixer channel. The unit also works well as a stand-alone mic/line mixer that can be easily interfaced with AtlasIED amplifiers. Other applications include restaurants, conference rooms, and schools.

Each input is mic/line switchable with phantom power provided for 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.

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

- Four (4) Balanced Mic/Line Inputs
- Four (4) Professional Grade Microphone Preamps with Switchable 24V Phantom Power
- Up to 50dB Mic Gain Per Input
- 12dB/Octave Low Cut Filter @ 125Hz
- Balanced Line Output
- Input Peak & Signal Indicator LED's
- High Gain Output for Driving Long Balanced Lines
- Separate Ground Connections
- Removable Phoenix Style I/O Connectors
- Security Covers Included for All Front Panel Controls
- Power Supply Sold Separately
- Energy Efficient

Input Impedance	1.2K Ω Balanced, 600 Ω Unbalanced
THD	.06% @ 1kHz
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 Ω Balanced, 150 Ω 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	78dBV
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