TSD-MIX32RL

3x2 Stereo Line Mixer with Remote Level

TSD-MIX32RL

Features

- Three Stereo Unbalanced Line Inputs, One Set of RCA and Two 3.5mm (⅛")
- Balanced Line Outputs Left & Right
- Unbalanced Line Outputs Left & Right
- Output Peak & Signal Indicator LEDs
- Input Signal Indicator LEDs, Qty 3
- Base & Treble Controls ±6dB
- Remote Master Level Control
- High Gain Output for Driving Long Balanced Lines
- Separate Ground Connections
- Security Covers Included for All Front Panel Controls
- Cable Management System
- Multiple Mounting Configurations
- Removable Phoenix Style I/O Connectors
- Meets Most Energy Standards
- Compact Chassis Design

Audio Applications

- Stereo Mixer
- Source Preamp
- Remote Level Control
- Line Driver

Atlas Time Saving Devices

New Atlas Sound Time Saving Devices are designed to solve some of the common audio system problems in the easiest and in the most efficient and cost-effective way. Utilizing the highest quality components and inspired by real world installation issues, the Atlas Sound TSDs include mixers, amplifiers, preamps, and other distribution and control devices to simplify your connections, provide specific application needs, and add flexibility in expansion and changes that prevent expensive system overhauls.

The Time Saving Devices are loaded with features making them versatile and user friendly. The TSD design mandate was to make the installation quick and reliable, saving you valuable time and money. The TSD-MIX32RL is housed in a compact 1.5" x 4" x 2.75" footprint that allows for placement almost anywhere. Common features include removable individual I/O connectors for quick and precise wiring, separate ground terminals for all I/Os assuring secured connections, and removable level controls that can be replaced with a tamper-resistant security cover.

Description

The Atlas Sound TSD-MIX32RL is a 3x2 stereo line mixer with Remote level control. It is ideal for applications where multiple stereo line sources need to be combined into a preamp utilizing the local or remote Master level control. The unit can be easily interfaced with Atlas Sound amplifiers. Applications include restaurants, conference rooms, and schools.

Additional on board EQ can be done utilizing the Base control (100Hz ±6db) and Treble control (10kHz ±6dB). The TSD-MIX32RL uses high quality, low noise components to ensure clarity and quiet operation without unwanted coloration.

The TSD-MIX32RL is highly efficient and meets most energy standards as one 24VDC power supply (available separately) can power multiple Atlas Time Saving Devices.

Installation

- Restaurants
- Sports Bars
- Schools
- Industrial Facilities
- House of Worship

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Specifications

Description	3 x 2 Stereo Line Mixer with Remote Level
Chassis Color	Black
Chassis Material	Aluminum
Inputs	
Type	Qty 1, Unbalanced RCA Left & Right
Type	Qty 2, Unbalanced 3.5mm Stereo
Impedance	10kΩ Balanced
Unbalanced Line Input	300mV (-10dB) = 1.5V (3dBV)
Maximum Input	1.5V (3dBV)
Outputs	
Type	Qty 2, Balanced Line
Connection	Removable 3 Position Captive Screw 3.5mm Spacing
Impedance	300Ω Balanced, 150Ω Unbalanced
Maximum Output Balanced	5V (14dBV)
Type	Qty 2, RCA Unbalanced Line
Impedance	150Ω Unbalanced
Line Output Level	300mV (-10dBV) = 1.5V (3dBV)
Maximum Output Unbalanced	5V (14dBV)
Controls	
Input Level Control	Qty 3, Removable Knobs with Security Covers
Output Level Control	Qty 1, Removable Knob with Security Cover
Bass Trim	Front Panel (recessed) ±6dB 100Hz
Treble Trim	Front Panel (recessed) ±6dB 10kHz
Indicators	
Input Signal	Green, 25mV ON Threshold, Qty 3
Output Signal	Green, 25mV ON Threshold, Qty 1
Output Peak	Red, -3dB Before Clip, Qty 1
Power	Blue, Qty 1
Electrical	
Frequency Response	20Hz - 20kHz (±1dB)
THD	.06% @ 1kHz
Signal to Noise	Line to Line: 85dBV
Mounting	
Velcro	Industrial-Grade, Included
Brackets	Qty 2, Included
TSD-RMK	Optional 1 RU Rack Mount Panel (Supports up to 4 TSD Units)
Cable Retainer	Qty 2, Included
Power Requirements	**Note: All Current and Watt data is based on AC power consumption using the TSD-PS24V2500mA Power Supply**
Voltage	24VDC, 60mA
Power Consumption Current	60mA
Power Consumption VA Watts	1.4W
Dimensions	H 1.5" (39mm) x W 4" (101mm) x D 2.75" (70mm)
Weight	6oz, .165kg
Accessories	
TSD 24VDC	Power Supply
TSD-RMK	1 RU Rack Panel
Safety and Certifications	
External Power Supply	cUL, CE, RoHS, TUV

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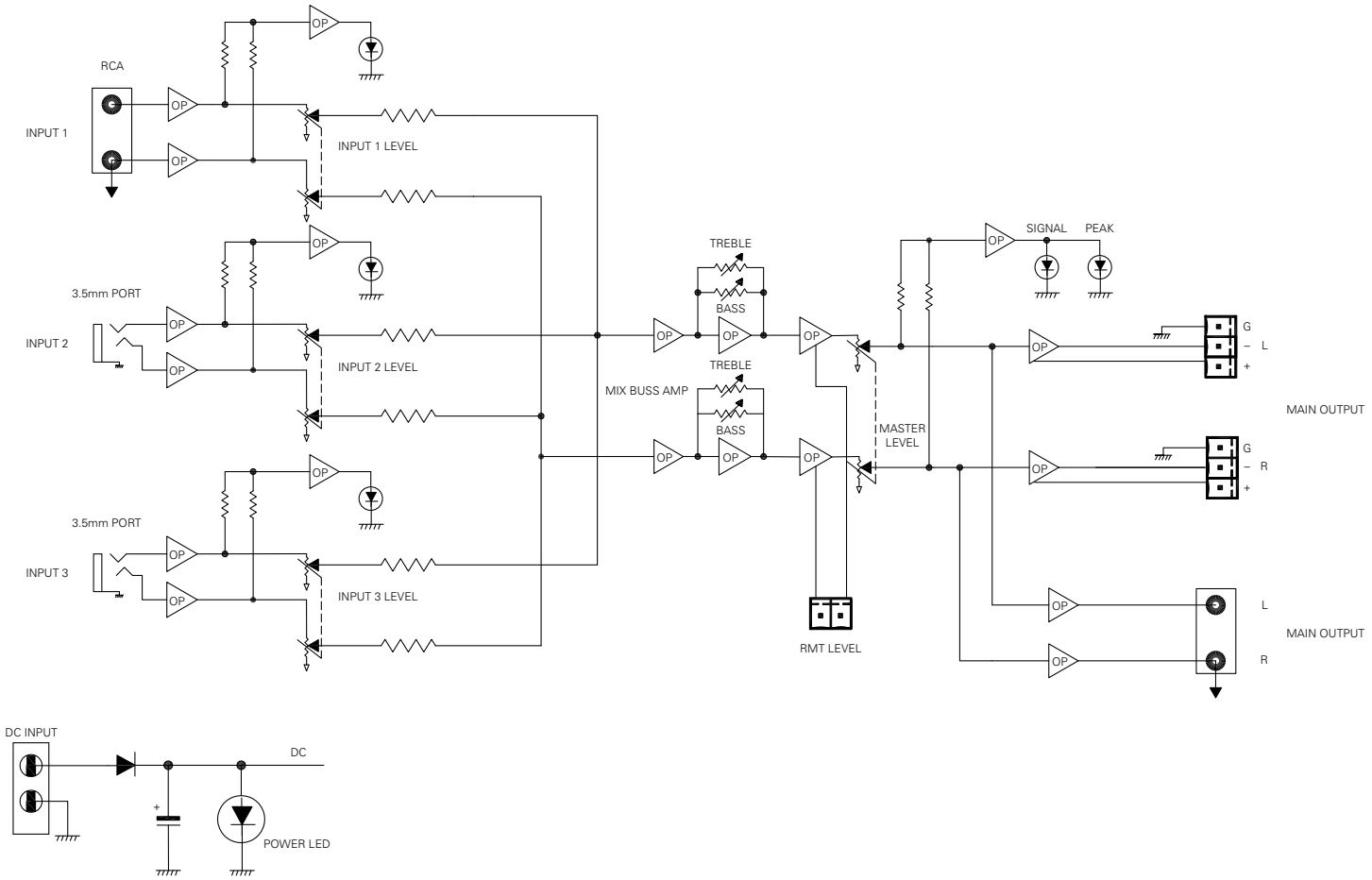
Block Diagram



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