



# 8-Channel Mic/Line 1U Rack Mixer with Phantom Power

P/N 615108

User's Manual

## SAFETY WARNINGS AND GUIDELINES

- This device is intended for indoor use only.
- Do not expose this device to water or moisture of any kind. Do not place drinks or other containers with moisture on or near the device. If moisture does get in or on the device, immediately unplug it from the power outlet and allow it to fully dry before reapplying power.
- Do not touch the device, the power cord, or any other connected cables with wet hands.
- Prior to operation, check the unit and power cord for physical damage. Do not use if physical damage has occurred.
- This device uses a grounded power cord and requires a ground connection for safe operation. Ensure that the power source has a proper ground connection. Do not modify the plug or use a "cheater" plug to bypass the ground connection.
- Take care to prevent damage to the power cord. Do not allow it to become crimped, pinched, walked on, or become tangled with other cords. Ensure that the power cord does not present a tripping hazard.
- Use the power switch to turn the unit off before unplugging it from its power source.
- Never unplug the unit by pulling on the power cord. Always grasp the connector head or adapter body.
- Ensure that power is turned off and disconnected before making any electrical connections.
- Do not expose this device to excessively high temperatures. Do not place it in, on, or near heat sources, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.
- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.
- This device has no user serviceable parts. Do not attempt to open, service, or modify this device.

## INTRODUCTION

Thank you for purchasing this 8-Channel Mic/Line Mixer! This mixer features two inputs with balanced 1/4" TRS and unbalanced RCA connectors, and six inputs with balanced XLR microphone and 1/4" TRS line level inputs. It features a tone control for each input, which can attenuate either low or high frequencies, with 50Hz and 6kHz shelves respectively. It has an unbalanced RCA AUX Bus input and Prefade output, which allow you to daisy chain multiple units.

## FEATURES

- Eight Mic/Line channels with individual tone and volume controls
- Six channels with balanced XLR microphone and 1/4" TRS line inputs
- Two channels with balanced 1/4" TRS microphone and unbalanced RCA line level inputs
- Individual DIP switches to enable or disable Phantom Power for the XLR microphone inputs
- Balanced XLR and 1/4" TRS main outputs
- Unbalanced RCA Aux Bus input and Prefade output for daisy chaining multiple mixers
- Removable rack mount ears and 1U rack height

## PACKAGE CONTENTS

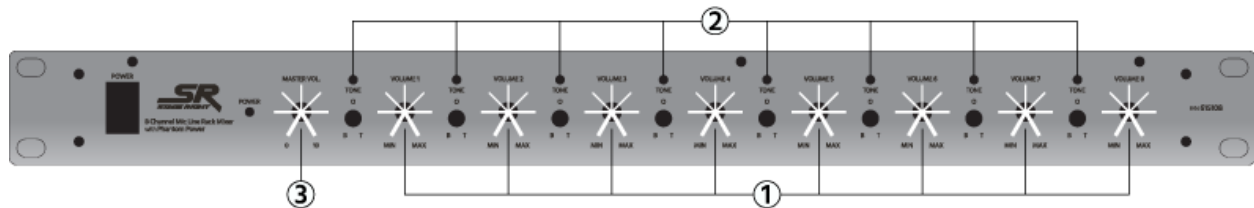
Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

1x 8-channel mic/line mixer

1x AC power cord (NEMA 5-15 to IEC 60320 C13)

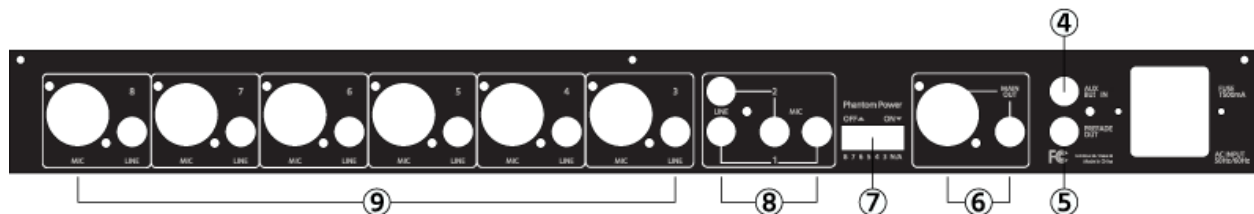
# PRODUCT OVERVIEW

## Front Panel



1. **Channel Volume Controls:** Adjusts the input level of each individual channel.
2. **Channel Tone Controls:** Turn the knob clockwise to attenuate low frequencies (50Hz shelf) by up to 15dB. Turn the knob counterclockwise to attenuate high frequencies (6kHz shelf) by up to 22dB.
3. **Master Volume Control:** Adjusts the overall volume of the Main Out (6).

## Rear Panel



4. **AUX Bus In:** Unbalanced RCA input, which connects directly to the mix bus. When connected to the Prefade Out of another unit, this unit becomes the Master.
5. **Prefade Out:** Unbalanced RCA output taken from the mix before the Master Volume Control. When connected to the AUX Bus In of another unit, this unit becomes a Slave.
6. **Main Out:** Balanced XLR and TRS outputs carrying the mixed signal after the Master Volume Control.
7. **Phantom Power Switches:** Six DIP switches, which control whether +48V Phantom Power is applied to the channels 3-8 XLR connectors. Slide the individual DIP

switches down to enable Phantom Power or slide them up to disable Phantom Power.

8. **Channels 1-2 Inputs:** One 1/4" TRS balanced microphone input and one RCA unbalanced line input for channels 1 and 2.
9. **Channels 3-8 Inputs:** Balanced XLR microphone and 1/4" TRS line inputs for channels 3 through 8.

## CUSTOMER SERVICE

The Monoprice Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website [www.monoprice.com](http://www.monoprice.com) during normal business hours (Mon-Fri: 5am-7pm PT, Sat-Sun: 9am-6pm PT) or via email at [support@monoprice.com](mailto:support@monoprice.com)

## TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website [www.monoprice.com](http://www.monoprice.com) during regular business hours, 7 days a week. You can also get assistance through email by sending a message to [tech@monoprice.com](mailto:tech@monoprice.com)

## SPECIFICATIONS

Model	615108
Microphone Level Inputs	6 balanced XLR and 2 balanced 1/4" TRS
Line Level Inputs	6 balanced 1/4" TRS and 2 unbalanced RCA
XLR Input Impedance	600 ohms
1/4" TRS Input Impedance	50 kilohms
Aux/Bus Input Impedance	10 kilohms
Output Impedance	51 ohms
Maximum XLR Input Level	-15dBV
Maximum 1/4" TRS Input Level	+22dBV
Maximum Output Level	+17dBV
Microphone Gain	55dB
Line Gain	26dB
Frequency Response	16 Hz ~ 22 kHz, -3dB
S/N Ratio	106dB
THD	< 0.003%
Common-Mode Rejection Ratio (CMRR)	52dB Mic
Tone Control	15dB bass or 22dB treble attenuation
Low Frequency Tone Shelf	50Hz
High Frequency Tone Shelf	6kHz
Phantom Power	+48V
Dimensions	19.0" x 5.9" x 1.8" (483 x 150 x 45 mm)
Weight	4.9 lbs. (2.2 kg)