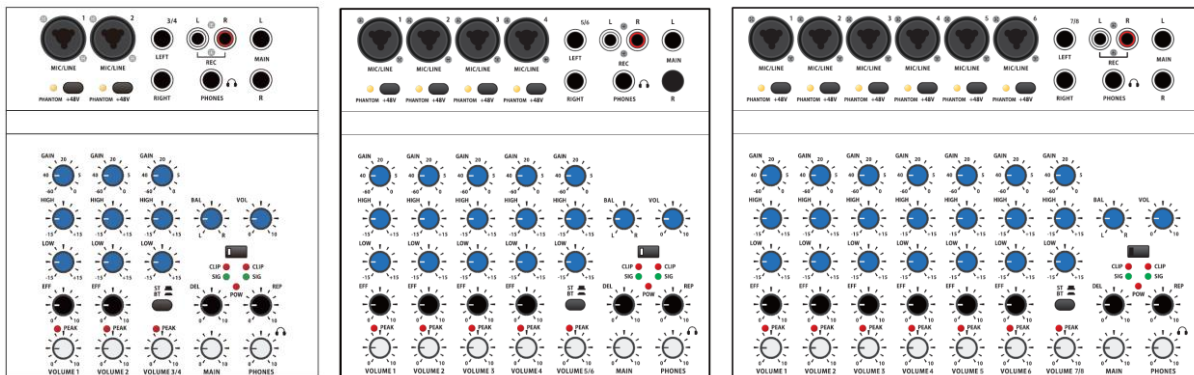




ix4B / ix6B / ix8B Live Sound and Recording Mixer



P/N 625910, 625911, 625912

User's Manual

SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using this device, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- 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 remove it from its power source 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.
- Do not expose this device to excessive vibration, extreme force, shock, or fluctuations in temperature or humidity.
- Do not expose this device to excessively high temperatures. Do not place it in, on, or near a heat source, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.
- Prior to operation, check the unit and power cord for physical damage. Do not use if physical damage has occurred.
- Unplug this device from the power source when not in use.
- 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.
- 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.
- 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.

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 or via email at support@monoprice.com. Check the website for support times and links.

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 Desktop Mixer

1x AC Power Adapter

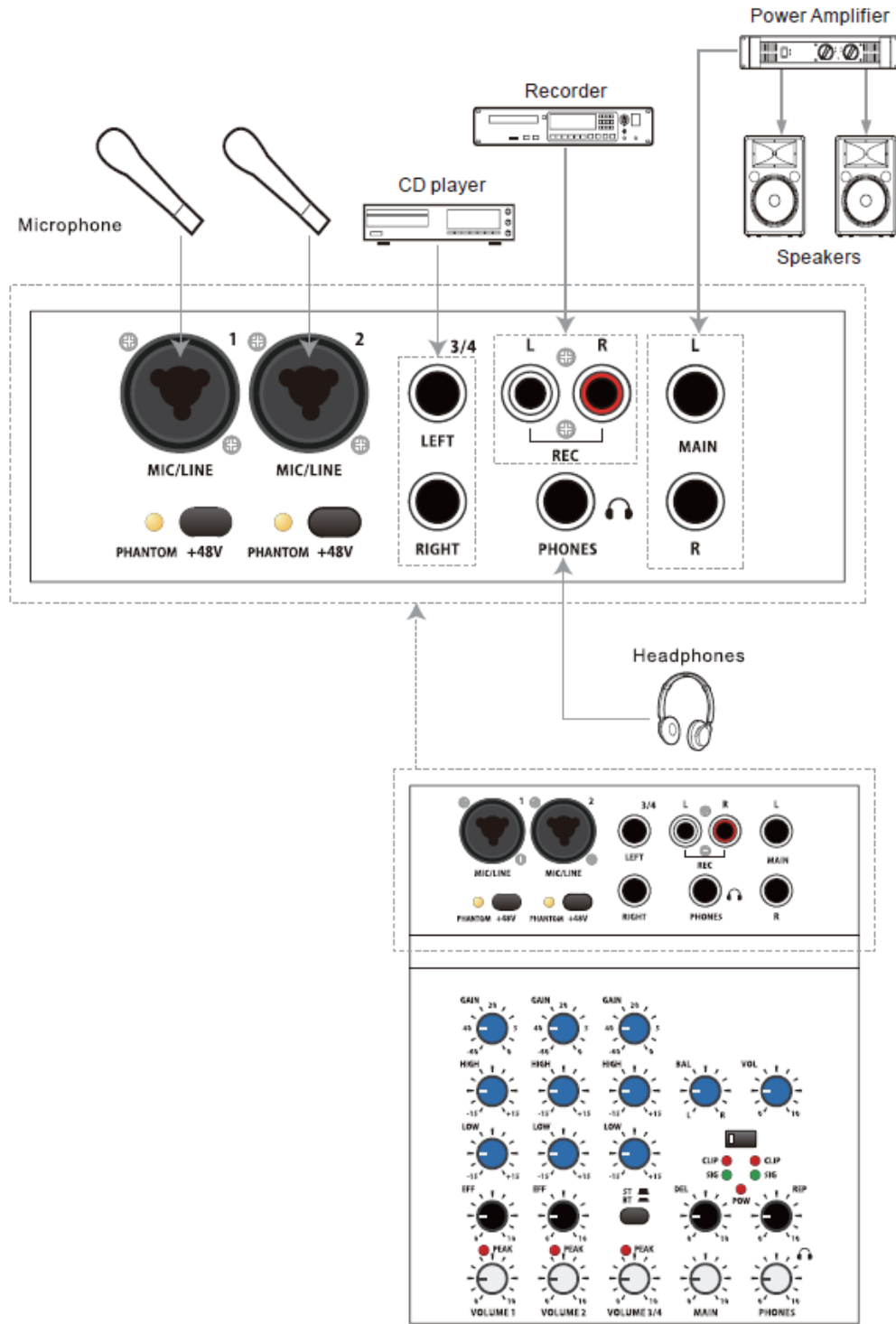
1x Bluetooth® Antenna

1x USB Cable

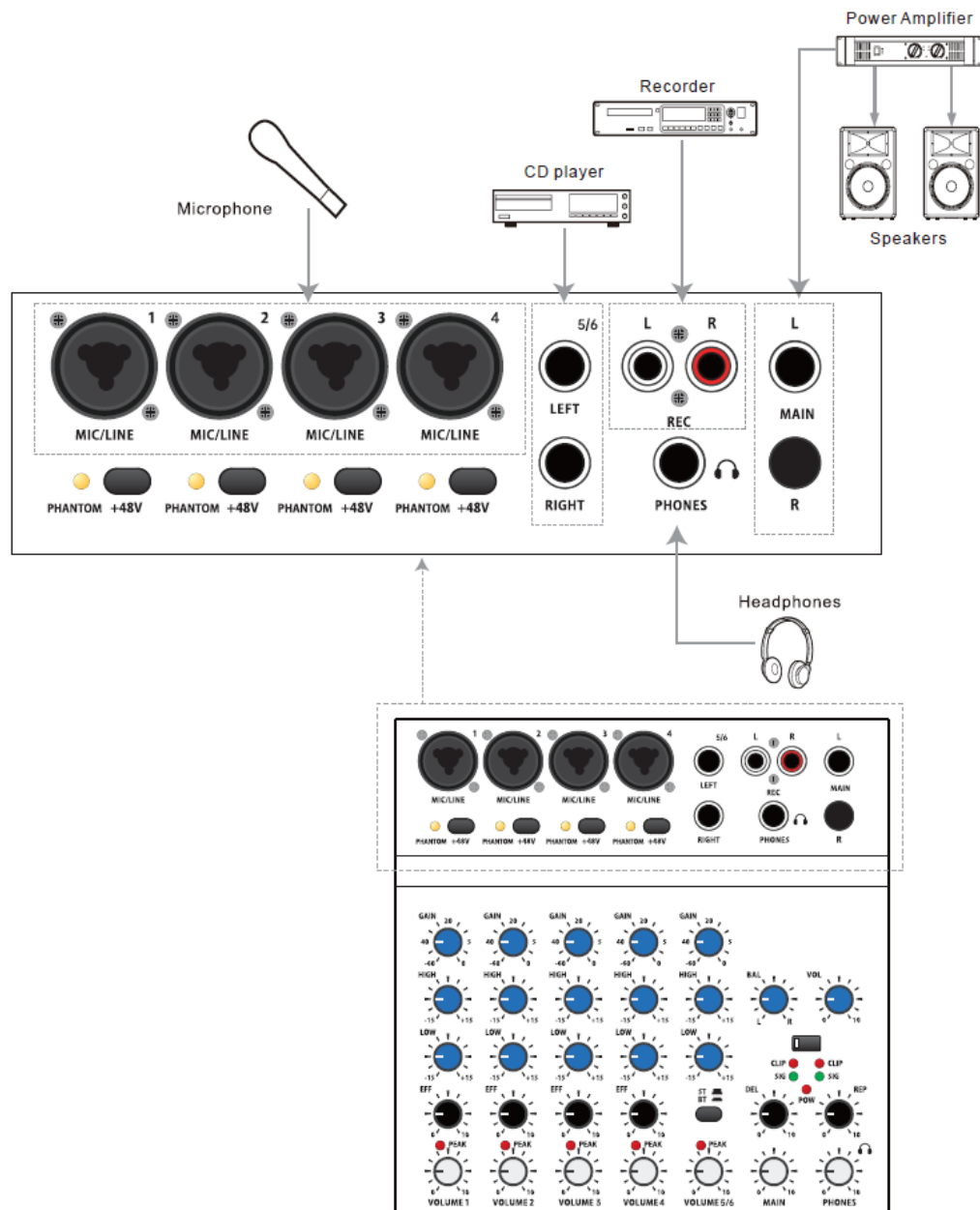
1x User's Manual

SAMPLE CONNECTION DIAGRAMS

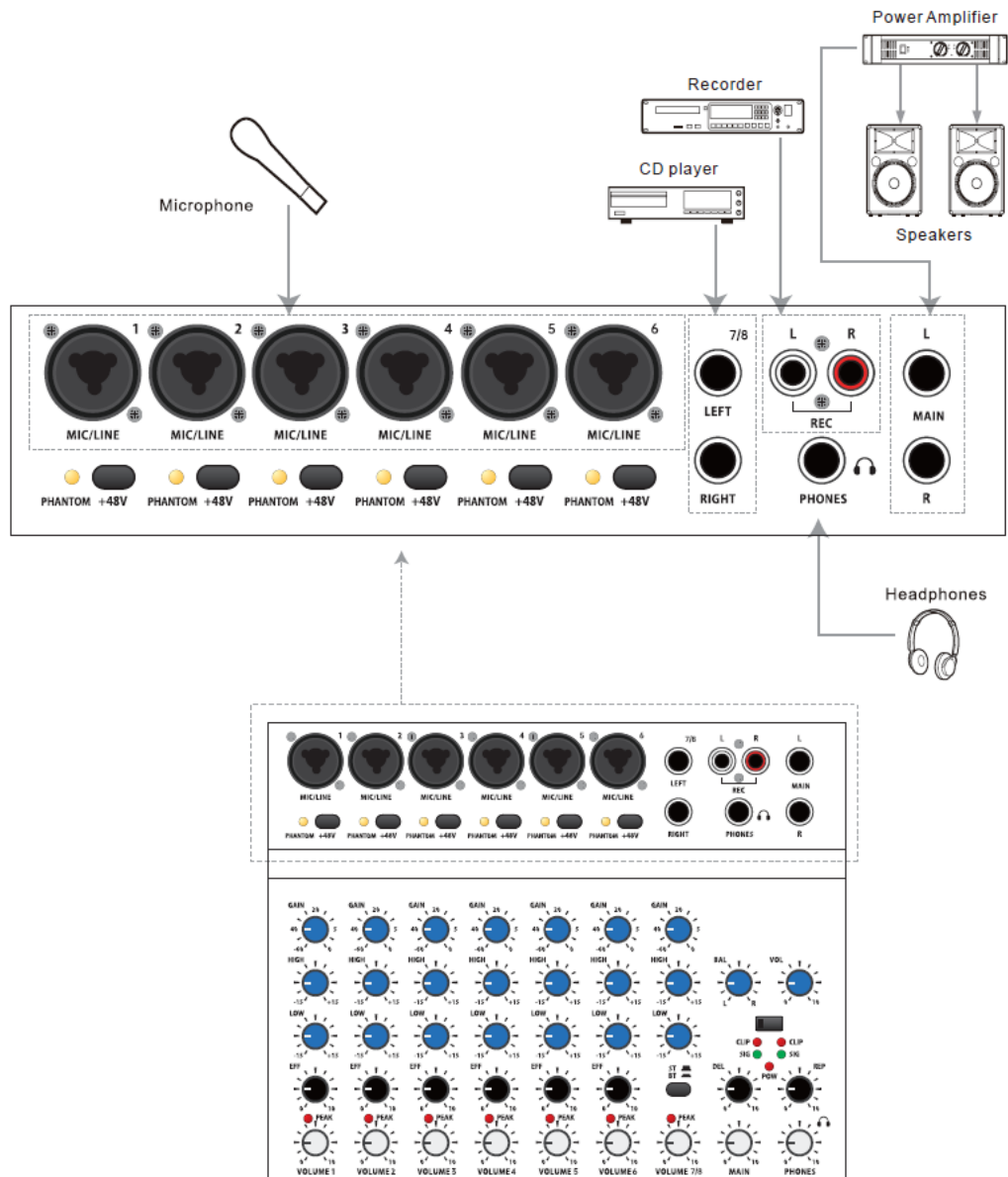
ix4B



ix6B



ix8B



PRODUCT OVERVIEW

Mono Channels

MIC/LINE: Combination balanced XLR and 1/4" TRS input connector.

The XLR portion is the **MIC** input and the 1/4" TRS portion is the **LINE** connector.

PHANTOM +48V: Press the button to enable +48V phantom power for use with condenser microphones. The LED to the left of the button illuminates when phantom power is in use. Take care not to use phantom power with dynamic microphones or other devices that can be damaged by the application of phantom power.

GAIN: Adjusts the level of the input signal. The setting range for the **MIC** input (XLR) is -10dB ~ +40dB and the setting range for the **LINE** (TRS) input is +10dB ~ +60dB.

HIGH: Adjusts the amount of treble in the signal. The gain range is -15dB ~ +15dB, with a center frequency of 12kHz.

LOW: Adjusts the amount of bass in the signal. The gain range is -15dB ~ +15dB, with a center frequency of 80Hz.

EFF: This fader adjusts the level of the built-in delay effect.

PEAK: The LED blinks when the input signal is 3dB below clipping.

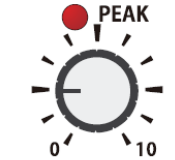
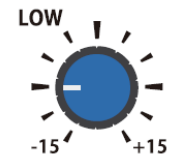
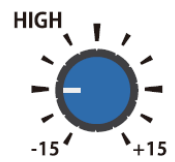
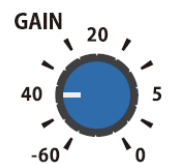
VOLUME: This fader adjusts the final output level of the **MAIN** outputs. To prevent noise, the fader should be set to 0 for any unused channel. Ideally, the fader should be set close to 10 for maximum fade control. Adjust the **GAIN** of the input signal so that the **VOLUME** fader can be set to 10 without clipping.



MIC/LINE



PHANTOM +48V



Stereo/Bluetooth Channel

LEFT/RIGHT: Two unbalanced 1/4" TS line level inputs. The inputs are ganged together to form a stereo pair.

GAIN: Adjusts the level of the input signal for the Stereo channel only. The input level of the Bluetooth® channel is determined by the output level of the connected Bluetooth device.

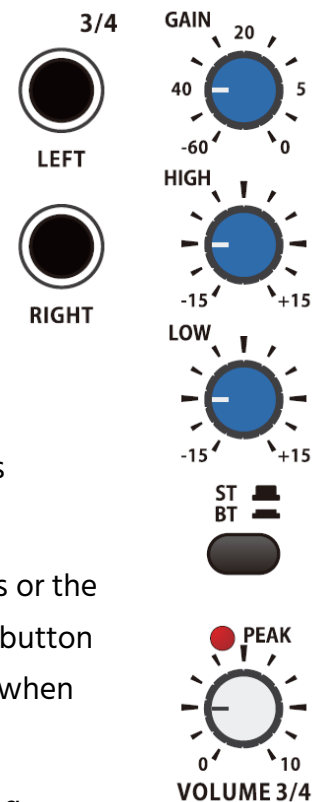
HIGH: Adjusts the amount of treble in the signal. The gain range is -15dB ~ +15dB, with a center frequency of 12kHz.

LOW: Adjusts the amount of bass in the signal. The gain range is -15dB ~ +15dB, with a center frequency of 80Hz.

ST/BT: Switch to select the Stereo (LEFT/RIGHT) line level inputs or the built-in Bluetooth® radio. Bluetooth is selected when the button is in the DOWN position and the Stereo input is selected when the button is in the UP position.

PEAK: The LED blinks when the input signal is 3dB below clipping.

VOLUME: This fader adjusts the final output level of the **MAIN** outputs for the Stereo channel only. To prevent noise, the fader should be set to **0** when the channel is unused. Ideally, the fader should be set close to 10 for maximum fade control. Adjust the **GAIN** of the input signal so that the **VOLUME** fader can be set to 10 without clipping. For the Bluetooth channel, the **VOL** control in the **Outputs** section adjust the final output volume level of the **MAIN** outputs.



Outputs

REC: Two unbalanced RCA outputs for connecting a recording device. The signal on this output is identical to the **MAIN** output signal.

PHONES: Unbalanced 1/4" TRS stereo output for use with headphones. The signal on this output is identical to the **MAIN** output signal.

MAIN: A stereo pair of unbalanced 1/4" TS outputs that serve as the primary mixed output.

BAL: Adjusts the stereo balance between the left and right **MAIN** output.

VOL: Adjusts the output level of the Bluetooth® radio. Adjust the output level of your Bluetooth device so that you can set this control to 10 for maximum fade control without clipping.

PAIRING BUTTON: This unlabeled button is the Bluetooth® Pairing button. Press the button to initiate Bluetooth pairing. The LED inside the button will begin flashing. When pairing is complete, the LED inside the button will illuminate steadily.

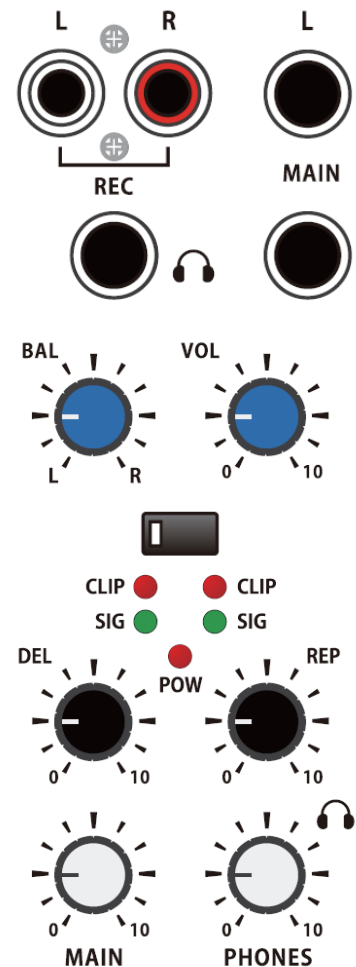
CLIP: The two **CLIP** LEDs indicate the clipping status of the left and right channels. The LEDs flash when the output signal is within 3dB of clipping. If the LEDs flash too often or illuminate steadily, reduce the output level.

SIG: The two **SIG** LEDs indicate the presence of a signal on the left and right **MAIN** output. If the signal level is too low, the LEDs will not illuminate.

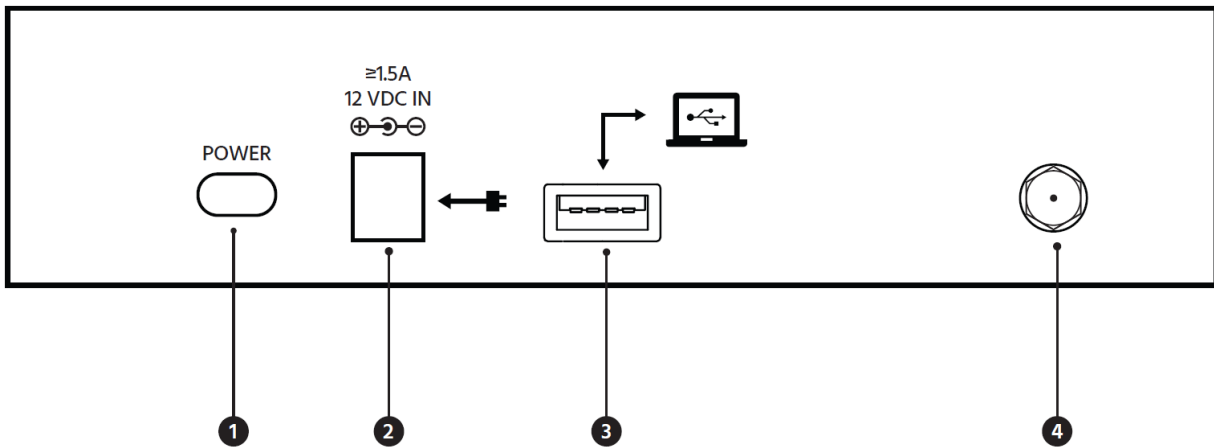
POW: The **POW** LED illuminates when power is applied to the mixer.

MAIN: Adjusts the volume level of the **MAIN** output.

PHONES: Adjusts the volume level of the **PHONES** output.



Rear Panel



1. **POWER:** Power switch for turning the mixer on or off.
2. **12 VDC In:** DC barrel connector for connecting the included AC power adapter.
3. **USB:** USB connector for attaching the mixer to a computer for use as a recording device.
4. **BT:** SMA connector for attaching the included Bluetooth® antenna.

BLUETOOTH PAIRING

This mixer includes a Bluetooth® receiver, which allows you to stream audio from your phone or other mobile device. When active, the Bluetooth radio replaces the Stereo Input channel. Perform the following steps to pair the mixer with your Bluetooth enabled device.

1. If you have not already installed it, attach the included Bluetooth antenna to the SMA connector on the rear panel.
2. Depress the **ST/BT** switch to select Bluetooth mode. If your device is already paired, it will connect to the mixer and the mixer will emit a sound through the **MAIN** and **PHONES** outputs.
3. Press the **Pairing Button**. The LED inside the button will begin flashing, indicating that the mixer is in Bluetooth Pairing Mode.
4. Open the Bluetooth settings on your device and scan for nearby Bluetooth connections.

5. Locate and select the **ix4B**, **ix6B**, or **ix8B** entry. If prompted for a passcode, enter **0000** (four zeros).
6. Once pairing is complete, the mixer will emit a sound through the **MAIN** and **PHONES** outputs and the LED inside the **Pairing Button** will stop flashing and will illuminate steadily.

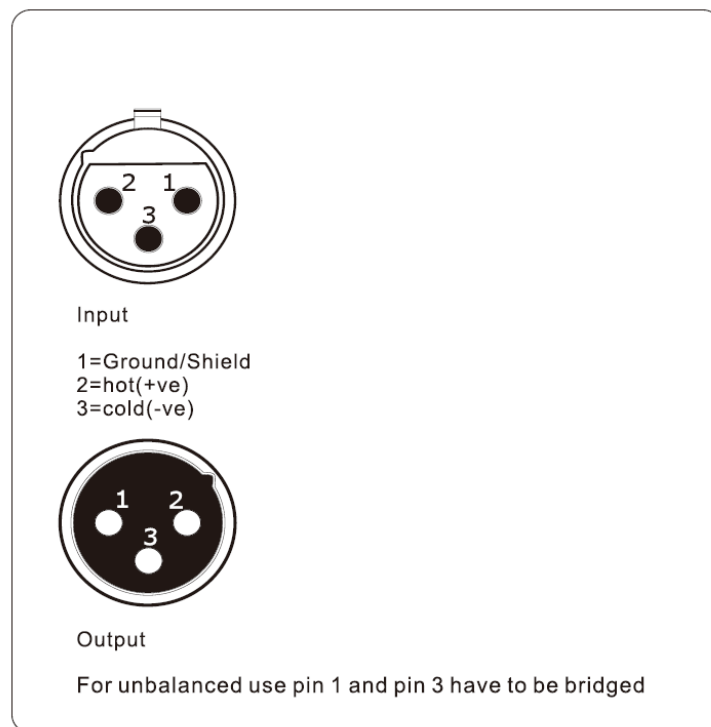
RECONNECTING

If your device has already been paired with the mixer, momentarily press the **Pairing Button** after the mixer is powered on to reconnect the mixer with your device.

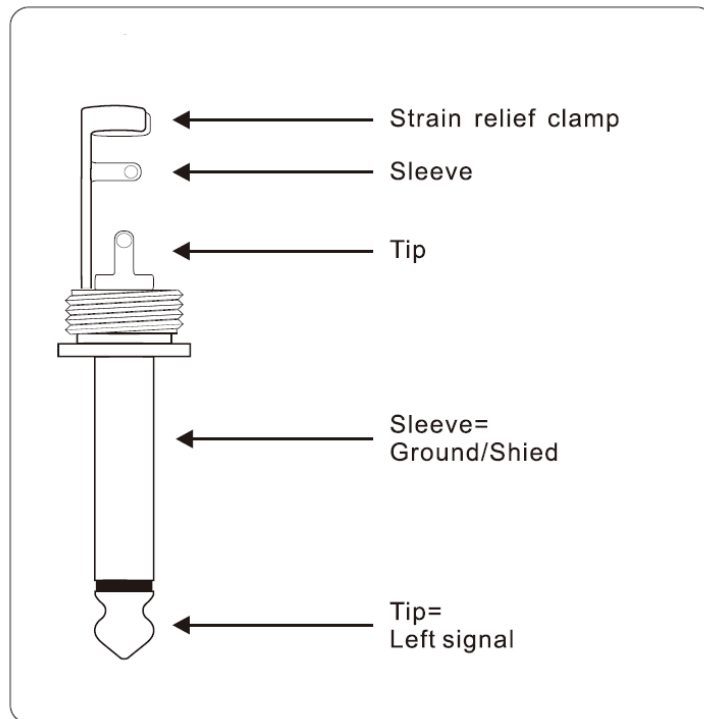
CONNECTORS

This section contains details about how to wire the various connectors used by this mixer.

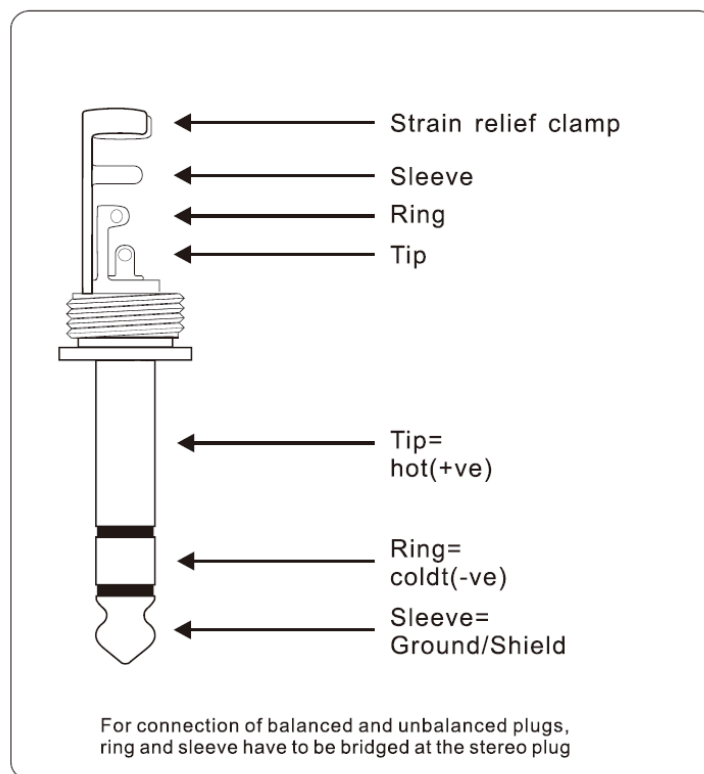
Balanced XLR Connector



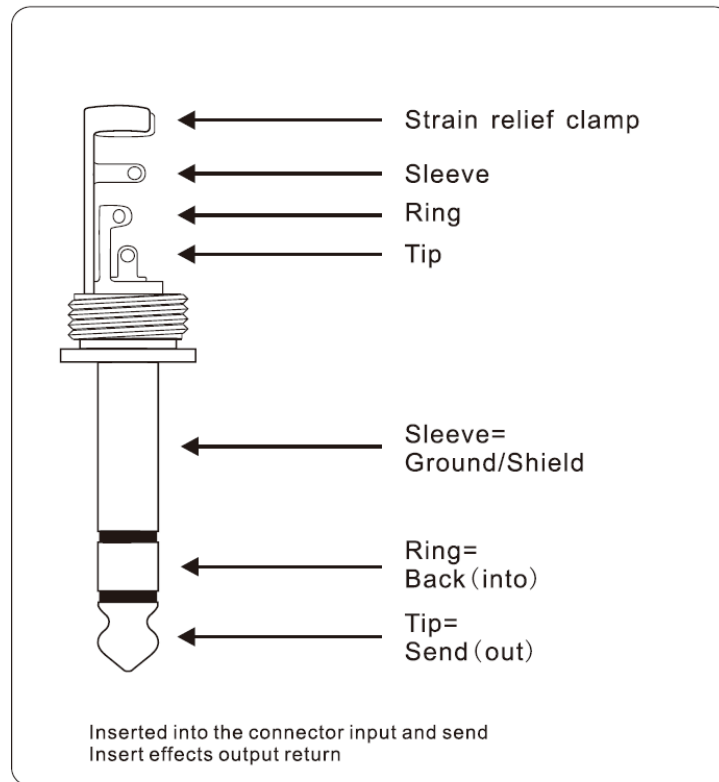
Unbalanced 1/4" TS Connector



Balanced 1/4" TRS Connector



Insert Send/Return 1/4" TRS Connector



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 or through email by sending a message to tech@monoprice.com. Check the website for support times and links.

To download the latest drivers, firmware, manuals, etc., go to www.monoprice.com and type the P/N into the search bar. If available, support files are linked at the bottom of the product page.

SPECIFICATIONS

Model	625910 (ix4B), 625911 (ix6B), 625912 (ix8B)
Microphone Inputs	
Connector Type	Balanced XLR
Number of Mic/Mono Inputs	2 (ix4B), 4 (ix6B), 6 (ix8B)
E.I.N. @ 0 Ω Source Impedance	-134dB/135.7dB A-Weighted
E.I.N. @ 50 Ω Source Impedance	-131dB/133.3dB A-Weighted
E.I.N. @ 150 Ω Source Impedance	-129dB/130.5dB A-Weighted
Gain Range	+10dB ~ +60dB
Maximum Level Input	+12dBu @ +10dB
Impedance	2.6 Ω balanced
Signal-to-Noise Ratio	110dB A-Weighted (0dBu In @ +22dB)
Total Harmonic Distortion + Noise	0.0005%/0.004% A-Weighted
Phantom Power	+48V, switchable
Line Inputs	
Connector Type	2x balanced 1/4" TRS, 2x unbalanced 1/4" TS stereo pair
Number of Line Inputs	2x mono, 1x stereo pair
Impedance	Balanced: 20k Ω Unbalanced: 10k Ω
Gain Range	-10dB ~ +40dB
Maximum Input Level	30dBu

L/R MAIN Output	
Connector Types	2x unbalanced 1/4" TS
Impedance	120Ω
Maximum Output Level	+28dBu
PHONES Output	
Connector Type	Unbalanced 1/4" TRS stereo
Maximum Output Level	+19dBu/150Ω +25dBm

REGULATORY COMPLIANCE

Notice for FCC



This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radio Notice for FCC

Caution

This FCC Part 15 radio device operates on a non-interference basis with other devices operating at this frequency. Any changes or modification to said product not expressly approved by Monoprice, including the use of non-approved antennas, could void the user's authority to operate this device.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Notice for Industry Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Radio Notice for Industry Canada

Caution

This IC RSS-210 radio device operates on a non-interference basis with other devices operating at this frequency. Any changes or modification to said product not expressly approved by Monoprice, including the use of non-approved antennas, could void the user's authority to operate this device.

This device complies with IC RSS-210. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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