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Product Overview

Thank you for purchasing the Model 615808 8-Channel Audio Mixer with USB I/O by Monoprice®. The 615808 is a 14-input, 8-channel mixer that features a full suite of input options, including four balanced XLR microphone inputs, four unbalanced mono 1/4” TS line inputs, two pairs of unbalanced mono 1/4” TS inputs grouped together for stereo control, a single USB input/output for connection to a computer, a 3.5mm stereo TRS input, and a pair of RCA inputs. The mixer can provide +48V Phantom Power to all four XLR mic inputs.

In addition to the USB input/output, this mixer has five additional outputs. The Phones output is an unbalanced stereo 1/4” TRS connection, while the Aux Send and the R and L outputs are all unbalanced mono 1/4” TS connections. Additionally, there is a pair of RCA outputs. The R and L outputs are grouped together for stereo control on the mixer.

The 615808 includes the necessary mounting bracket for properly attaching the mixer to a stand mount.

This User Guide is designed to provide details about how to set up and use the 615808 using a PC or Mac (see System Requirements for compatibility).

Box Contents

![615808 Audio Mixer](image1)
![Power Supply](image2)
![Mounting Bracket](image3)
![User Guide](image4)

Installation Requirements

- USB A-Male to B-Male Cable
- Flat head screwdriver (for attaching mounting bracket)

System Requirements

- Microsoft Windows XP, Windows Vista, Windows 7, Windows 8
- Mac OS X

Hardware Overview & Installation

- Stereo USB Audio Interface (Audio Resolution: 16-bit; up to 48kHz sample rate)
- 8 audio channels
- 14 Inputs/Stereo Output
  - 4 XLR/¼” TS microphone/line input
  - 4 additional ¼” TS line inputs
  - USB 2-in/2-out to computer
  - RCA 2-in/2-out
  - 2-in CD input (stereo 3.5mm)
  - ¼” Headphones Output
- +48V phantom power for condenser mics on all mic inputs
- 2 band EQ ±15dB EQ at 80Hz &12KHz
- Variable Gain
  - Mic Inputs -20dB to +45dB
  - Line Inputs -20dB to +25dB
- Aux Send on each channel
- 4-LED Level Indicator
- Stand mountable (stand mount included)
- USB Plug-N-Play for PC & Mac (no driver needed)
- Power Supply: DC 12V +
- Power Consumption: 11W
**615808 USER GUIDE**

## Top View

<table>
<thead>
<tr>
<th>Control</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GAIN</strong></td>
<td>The GAIN analog level control knobs adjust the input level of the corresponding channel's microphone (0dB to +45dB) or line (-20dB to +25dB) input.</td>
</tr>
<tr>
<td><strong>HI</strong></td>
<td>The HI frequency equalizer control knobs adjust the level of the corresponding channel +/- 15dB at the 12KHz frequency.</td>
</tr>
<tr>
<td><strong>2TK/IN - 2TK/OUT Plugs</strong></td>
<td>Left/Right RCA jacks for 2TK (2-track, 2-channel) input and output.</td>
</tr>
<tr>
<td><strong>CD/IN</strong></td>
<td>3.5mm stereo TRS jack accepts input from a CD player, MP3 player, or other audio source.</td>
</tr>
<tr>
<td><strong>48V</strong></td>
<td>+48V Press the button (red) to apply +48V phantom power. Release the button for non-condensor mics or line-level inputs.</td>
</tr>
<tr>
<td><strong>2TK MAIN</strong></td>
<td>Press the button (blue) to activate the Main input. Release the button when using the 2TK (2-track/2-channel RCA) inputs. To hear USB audio input, press both the “2TK/Main” and the “2TK to Main” buttons.</td>
</tr>
<tr>
<td><strong>2TK TO MAIN</strong></td>
<td>Press the button (blue) to send the 2TK (2-track, 2-channel RCA) input signal to the Main output. To hear USB audio input, press both the “2TK/Main” and the “2TK to Main” buttons.</td>
</tr>
<tr>
<td><strong>POWER</strong></td>
<td>The POWER LED will light solid blue when connected to a power source and the main power switch is ON.</td>
</tr>
<tr>
<td><strong>LED LEVEL INDICATORS</strong></td>
<td>The LEDs will light steady green to indicate the level of the main mix. If the red CLIP indicators are lit, reduce the output using the LEVEL MAIN control knob.</td>
</tr>
</tbody>
</table>
**LOW** The LOW frequency equalizer knobs adjust the level of the corresponding channel +/- 15dB at the 80Hz frequency.

**AUX PRE** The AUX PRE analog level control knobs adjust the corresponding channel’s volume level on the AUX SEND output.

**PAN/BAL** The PAN/BAL analog level control knobs adjust the corresponding channel’s Left/Right signal balance.

**LEVEL** The LEVEL analog level control knobs adjust the corresponding channel’s output volume level, from -8dB to +10dB.

**LEVEL AUX** The LEVEL AUX analog level control knob adjusts the volume level on the AUX SEND output. There is no dedicated ‘Return’ input - use any of the 8 standard channels for return. Assure AUX PRE for return channels is off (counter-clockwise) to avoid feedback loops that could damage your equipment.

**LEVEL PHONES** The LEVEL PHONES analog level control knob adjusts the volume level for the ¼” headphones output.

**LEVEL 2TK** The LEVEL 2TK analog level control knob adjusts the level of the RCA stereo (2TK, 2-track, 2-channel) inputs.

**LEVEL MAIN** The LEVEL MAIN analog level control knob adjusts master volume control.
ON/OFF  Main power switch.

POWER DC 12V  Power input for use with the included power supply.

AUX SEND  1/4” TS unbalanced mono auxiliary output.

PHONES  1/4” TRS unbalanced stereo audio output for headphones.

R/OUTPUT  1/4” TS unbalanced mono outputs for the Main audio signal.

L/OUTPUT  1/4” TS unbalanced mono outputs for the Main audio signal.

R/IN  1/4” TS unbalanced mono audio input.

L/IN  1/4” TS unbalanced mono audio input.

LINE/IN  1/4” TS unbalanced mono audio input.

MIC/IN  XLR inputs for either condenser microphones requiring +48V phantom power or ordinary microphones. Condenser microphones require +48V phantom power. When connecting/disconnecting XLR microphones, be sure the +48V phantom power is disabled to prevent microphone damage.
**USB Port**

Stereo USB Audio Interface (Audio Resolution: 16-bit; up to 48kHz sample rate). Attach a USB A-Male to B-Male Cable (not included) to the USB port on the 615808 and to your PC or Mac.

**Bracket Mount**

Allows attachment of the included mounting bracket.

**Mounting Bracket**

Attach to the bracket mount using a flathead screwdriver. Turn clockwise until tight. Attach to a 3/8” mount/stand (not included).
Plug and Play Installation

The 615808 is a Class Compliant USB device, which means that it can communicate with your PC or Mac using device drivers that are built into the operating system. These drivers are written by Microsoft® and Apple® respectively and come pre-installed on all computers. See System Requirements for supported operating system versions. To begin the plug and play installation with your computer, attach a USB A-Male to B-Male Cable (not included) to the USB port on the left side of the 615808 and to a USB port on your PC or Mac. See Side View > USB Port.

Windows

After attaching a USB A-Male to B-Male Cable to the USB port on the left side of the 615808 and to a USB port on your PC, the device drivers will automatically install. When complete, a notification will appear (Windows 7 featured, other Windows version will vary.)

To view the details of the installed driver:

1. Click Start > Control Panel.
2. Click Hardware and Sound.
3. Click Device Manager.
4. Click Sound, video and game controllers.
5. Double-click USB Audio Codec for driver details.

Mac

After attaching a USB A-Male to B-Male Cable to the USB port on the left side of the 615808 and to a USB port on your Mac:

1. Click System Preferences.
2. Click Sound.
3. Click Output.
4. Click Input.
## Specifications

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Input Impedance:</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.7” x 8.3” x 2.7” (220x210x68mm)</td>
<td>Mic: 2.3kΩ</td>
</tr>
<tr>
<td>Weight</td>
<td>Line: 20kΩ</td>
</tr>
<tr>
<td>2.2 lbs (0.98kg)</td>
<td>CD/RCA: 24kΩ</td>
</tr>
</tbody>
</table>

### Stereo USB Audio Interface

Audio Resolution: 16-bit; up to 48kHz sample rate

### Audio Channels (8)

Inputs/Stereo Output (14)

- 4 XLR/¼” TS mic/line inputs
- 4 additional ¼” TS line inputs
- USB 2-in/2-out to computer
- RCA 2-in/2-out
- 2-in CD input (stereo 3.5mm)
- ¼” Headphones Output

+48V Phantom Power

All mic inputs

### 2 Band EQ

±15dB EQ at 80Hz &12KHz

### Variable Gain

- Mic Inputs -20dB to +45dB
- Line Inputs -20dB to +25dB

### Aux Send on each channel

4 LED

### Level Indicator

Stand Mountable

Stand mount included

USB Plug-N-Play

PC & Mac (no driver needed)

### Power Supply

DC 12V +

Power Consumption

11W

### Audio Specifications

- Frequency Response: 20Hz – 20KHz @ +/-1dB
- THD+N (0 dBu): <0.008%
- Signal-To-Noise Ratio:
  - -103dB: Main Outputs
  - -90dB: USB, RCA & Phones Outputs
  - -85dB: Aux Send
Regulatory Information

CE Marking
CE marking on this product represents the product is in compliance with all directives that are applicable to it.
Warranty Information

You are entitled to the manufacturer’s limited expressed warranty, if any, that accompanies the product. Monoprice.com makes no additional or independent warranty. All other warranties, expressed or implied, including the warranties of merchantability and fitness for a particular purpose are disclaimed.

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Warranty Period

Limited 1 Year Warranty (Parts and Labor). Monoprice guarantees this product to be free from defects in material and workmanship. Please visit www.monoprice.com for full warranty support and details.

Limited Manufacturer’s Warranty

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For Refunds: All returns for refund must be authorized by Monoprice.com within 30 days of the delivery date. There is NO RESTOCKING FEE applied to any returned item(s). However, S&H cost is not refundable.

For Replacements: Replacements will be provided for any defective product within the specified warranty period for that product. Replacements will be the only recourse for returns after 30 days from the delivery date have passed. Monoprice.com will only replace item(s) for the exact same item(s) during its warranty period. Sorry, we cannot exchange one item with a different item. The Product ID (PID) must be the same.

Out of Stock or Discontinued Items: If you return a product for replacement and it is Out of Stock or Discontinued when the item is received, you may be contacted by the Monoprice.com Returns team and offered a suitable replacement or option for a store credit.

All returns, whether for refund or replacement, require a Return Merchandise Authorization (RMA). Products that are returned without prior RMA and the RMA# clearly printed on the address label will be refused and sent back to the sender. Please use the label provided when your RMA is issued. If you did not receive a copy of the label in your e-mail confirmation, you can print a copy from the RMA Status page in the My Account section of the website after you have logged in.

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Contact Information

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Toll Free at 1-877-271-2592
Availability
Monday ~ Friday: 6:00AM ~ 7:00PM PT
Saturday & Sunday: 9:00AM ~ 6:00PM PT
support@monoprice.com

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