

# MONOPRICE®

## PRO AUDIO SERIES



# 615808

8-CHANNEL AUDIO MIXER WITH USB I/O

USER GUIDE

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## Product Overview

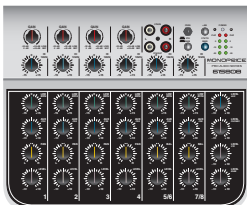
Thank you for purchasing the Model 615808 8-Channel Audio Mixer with USB I/O by Monoprice®. The 615808 is a 14-input, 8-channel mixer that features a full suite of input options, including four balanced XLR microphone inputs, four unbalanced mono 1/4" TS line inputs, two pairs of unbalanced mono 1/4" 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



Power Supply



Mounting Bracket



User Guide

## Installation Requirements

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

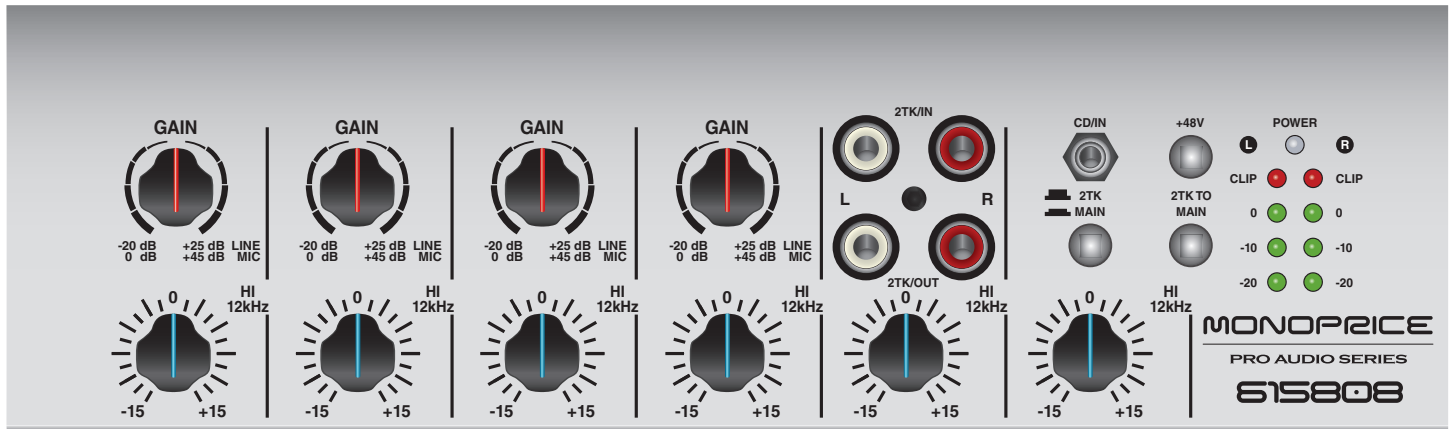
## System Requirements

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

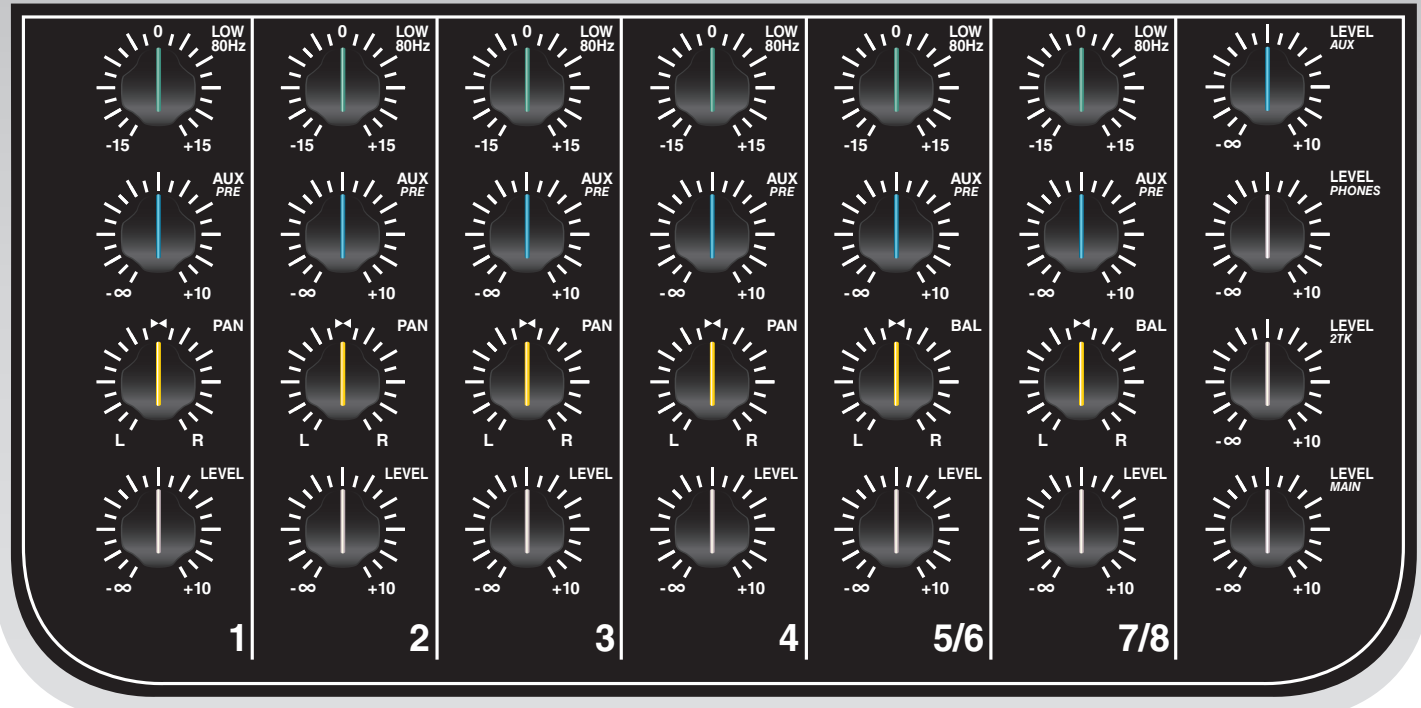
## Hardware Overview & Installation

- Stereo USB Audio Interface (Audio Resolution: 16-bit; up to 48kHz sample rate)
- 8 audio channels
- 14 Inputs/Stereo Output
  - 4 XLR/1/4" TS microphone/line input
  - 4 additional 1/4" TS line inputs
  - USB 2-in/2-out to computer
  - RCA 2-in/2-out
  - 2-in CD input (stereo 3.5mm)
  - 1/4" 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

# Top View



**MONOPRICE**  
PRO AUDIO SERIES  
**615808**



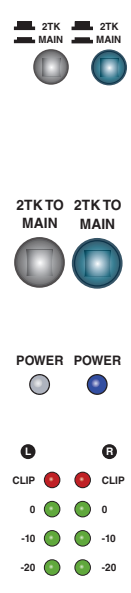
**GAIN** The GAIN analog level control knobs adjust the input level of the corresponding channel's microphone (0dB to +45dB ) or line (-20dB to +25dB) input.

**HI** The HI frequency equalizer control knobs adjust the level of the corresponding channel +/- 15dB at the 12KHz frequency.

**2TK/IN - 2TK/OUT Plugs** Left/Right RCA jacks for 2TK (2-track, 2-channel) input and output.

**CD/IN** 3.5mm stereo TRS jack accepts input from a CD player, MP3 player, or other audio source.

**+48V** Press the button (red) to apply +48V phantom power. Release the button for non-condensor mics or line-level inputs.



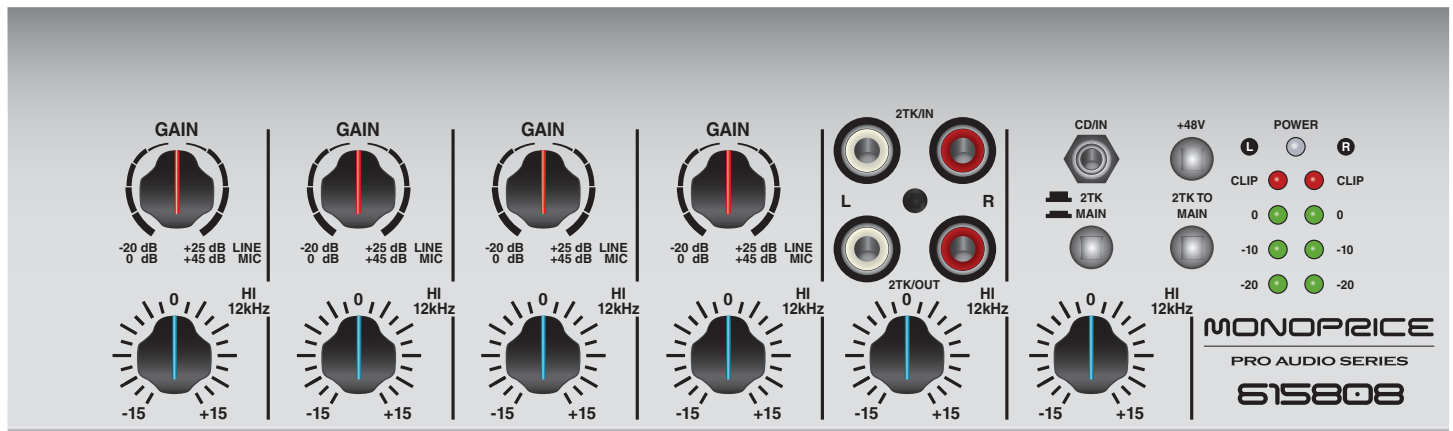
**2TK MAIN** Press the button (blue) to activate the Main input. Release the button when using the 2TK (2-track/2-channel RCA) inputs. To hear USB audio input, press both the "2TK/Main" and the "2TK to Main" buttons.

**2TK TO MAIN** 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.

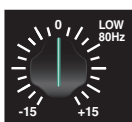
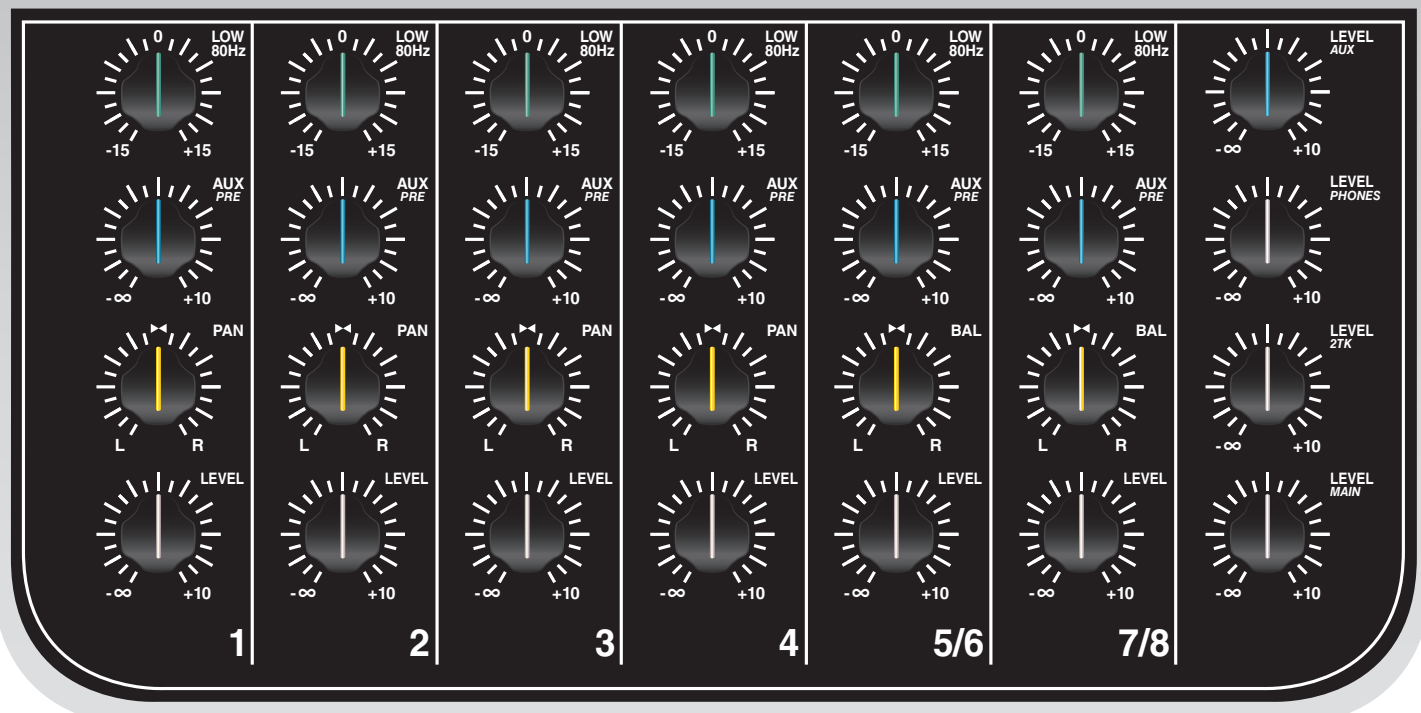
**POWER** The POWER LED will light solid blue when connected to a power source and the main power switch is ON.

**LED LEVEL INDICATORS** 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.

Top View (continued)



**MONOPRICE**  
PRO AUDIO SERIES  
**615808**



**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 1/4" headphones output.

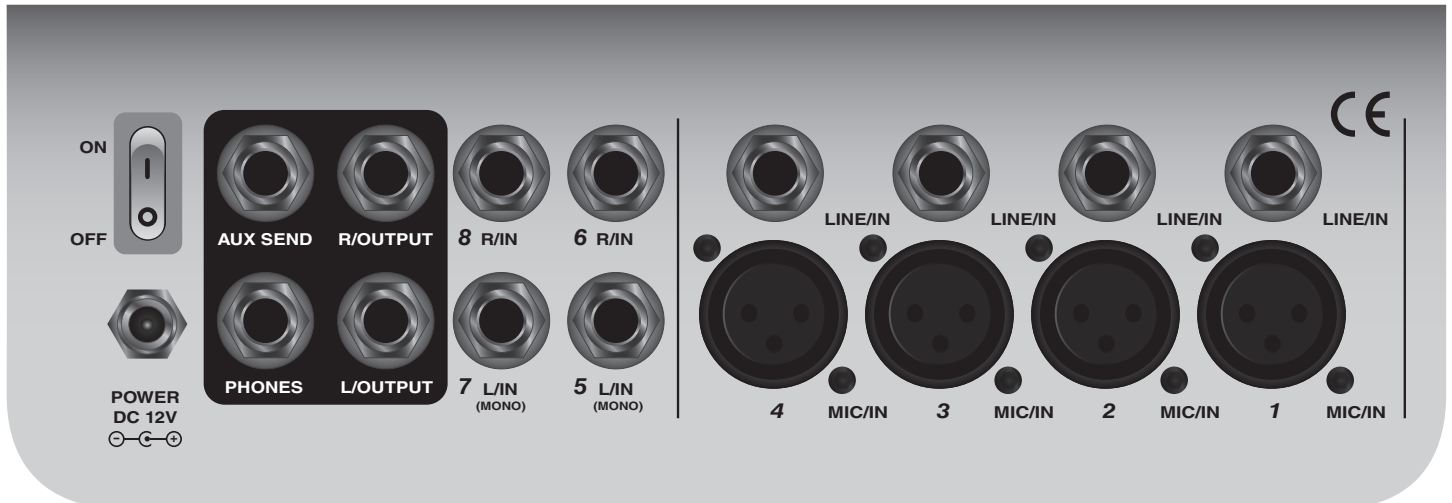


**LEVEL 2TK** The LEVEL 2TK analog level control knob adjusts the level of the RCA stereo (2TK, 2-track, 2-channel) inputs.



**LEVEL MAIN** The LEVEL MAIN analog level control knob adjusts master volume control.

# Back View



**ON/OFF** Main power switch.



**POWER DC 12V**  
⊖ ⊕

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



**AUX SEND**

**AUX SEND** 1/4" TS unbalanced mono auxiliary output.



**PHONES**

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



**R/OUTPUT**

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



**L/OUTPUT**

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



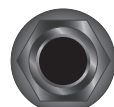
**R/IN**

**R/IN** 1/4" TS unbalanced mono audio input.



**L/IN (MONO)**

**L/IN** 1/4" TS unbalanced mono audio input.



**LINE/IN**

**LINE/IN** 1/4" TS unbalanced mono audio input.



**MIC/IN**

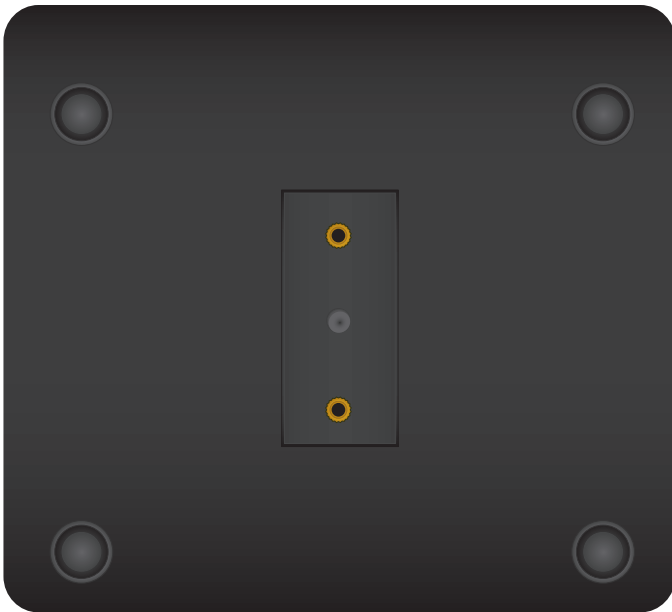
**MIC/IN** XLR inputs for either condenser microphones requiring +48V phantom power or ordinary microphones. Condenser microphones require +48V phantom power. When connecting/disconnecting XLR microphones, be sure the +48V phantom power is disabled to prevent microphone damage.

### Side View

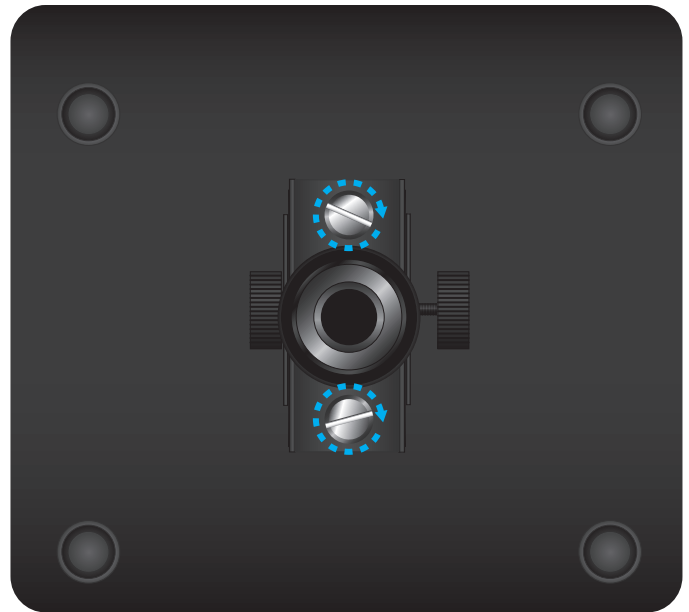


**USB Port** Stereo USB Audio Interface (Audio Resolution: 16-bit; up to 48kHz sample rate). Attach a USB A-Male to B-Male Cable (not included) to the USB port on the 615808 and to your PC or Mac.

### Bottom View



**Bracket Mount** Allows attachment of the included mounting bracket.



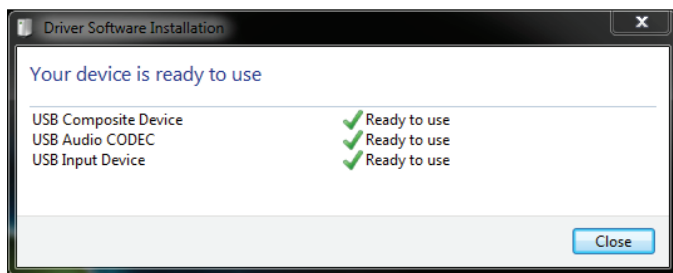
**Mounting Bracket** Attach to the bracket mount using a flathead screwdriver. Turn clockwise until tight. Attach to a 3/8" mount/stand (not included).

## 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.**

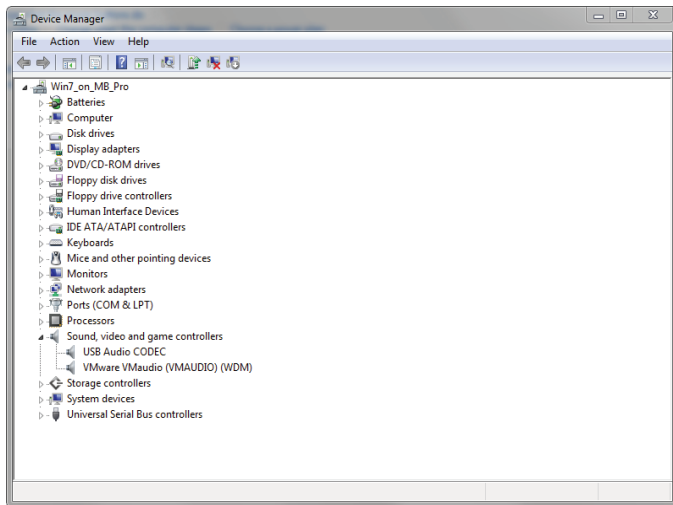
## Windows

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.*

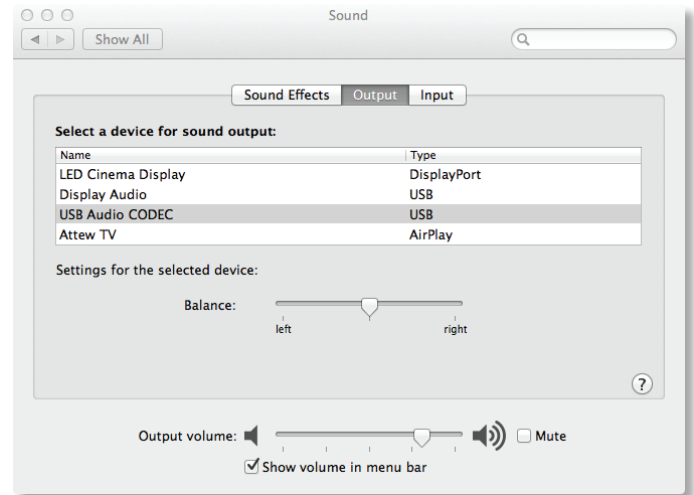


5. Double-click *USB Audio Codec* for driver details.

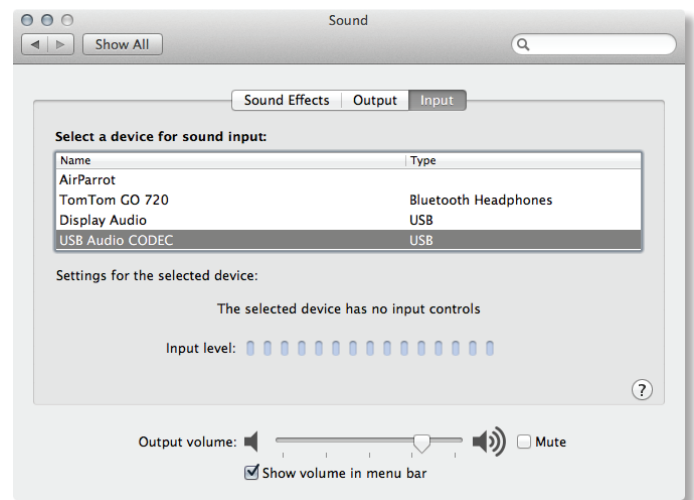
## Mac

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

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## Dimensions

8.7" x 8.3" x 2.7 "  
(220x210x68mm)

## Weight

2.2 lbs (0.98kg)

## 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

### Level Indicator

4 LED

### 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

## Input Impedance:

Mic: 2.3kΩ

Line: 20kΩ

CD/RCA: 24kΩ

# Regulatory Information

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## 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.

Monoprice.com shall under no circumstances be liable for special, incidental, or consequential damages including loss of profit, even if it has been advised of the possibility of such damages; the maximum liability for all direct damages, if any, arising out of any action shall be limited to an amount not to exceed the purchase price of the product.

### 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](http://www.monoprice.com) for full warranty support and details.

### Limited Manufacturer's Warranty

- (a) Monoprice.com warrants that it has good title to the hardware Products it sells, and that it has proper authority to license the software products it distributes.
- (b) Monoprice.com does not warrant the performance or integrity of any Product, but merely passes through to the Customer whatever end-user warranty the manufacturers or software publishers provide with their respective Products.
- (c) YEAR 2001 DISCLAIMER. MONOPRICE.COM ENCOURAGES ITS SUPPLIERS TO MAKE THEIR PRODUCTS AND SERVICES YEAR 2001 COMPLIANT. HOWEVER, MONOPRICE.COM CANNOT AND DOES NOT REPRESENT OR WARRANT THAT ANY PRODUCT IT ADVERTISES OR SELLS IS FREE FROM DATE RELATED ERRORS RESULTING FROM THE TURN OF THE CENTURY (THE YEAR 2001). ANY INFORMATION PROVIDED ON PRODUCTS HAS BEEN FURNISHED BY THE MANUFACTURER AND IS PROVIDED TO END USERS "AS IS." STATEMENTS MADE TO YOU IN THE COURSE OF ANY PRIOR, CURRENT, OR FUTURE SALE ARE SUBJECT TO THE YEAR 2001 INFORMATION AND READINESS DISCLOSURE ACT. IN THE CASE OF A DISPUTE, THIS ACT MAY REDUCE YOUR LEGAL RIGHTS REGARDING THE USE OF ANY SUCH STATEMENTS, UNLESS OTHERWISE SPECIFIED BY YOUR CONTRACT OR TARIFF.
- (d) MONOPRICE.COM DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED BY LAW, INCLUDING MERCHANTABILITY AND USE FOR A PARTICULAR PURPOSE.

If a product proves to be defective during the covered period, please contact our technicians via live chat on our website at [www.monoprice.com](http://www.monoprice.com) during the hours of 6:00AM to 7:00PM PST Monday – Friday and 9:00AM – 6:00PM PST Saturday and Sunday.

### Returns

Returns of Products are subject to Monoprice.com's current return policies which are set forth here on our website and on the invoice. These policies may be subject to additional or lesser return rights adopted by the manufacturer or publisher. The Terms of Sale represent the complete and final agreement between the customer and Monoprice.com for the matters set forth herein and shall be supplemented only by the prices, quantity, and descriptions set forth in Monoprice.com's invoice for the relevant sale. Terms contained in customers' purchase orders, offers to buy, terms and conditions, and the like shall have no effect.

**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.

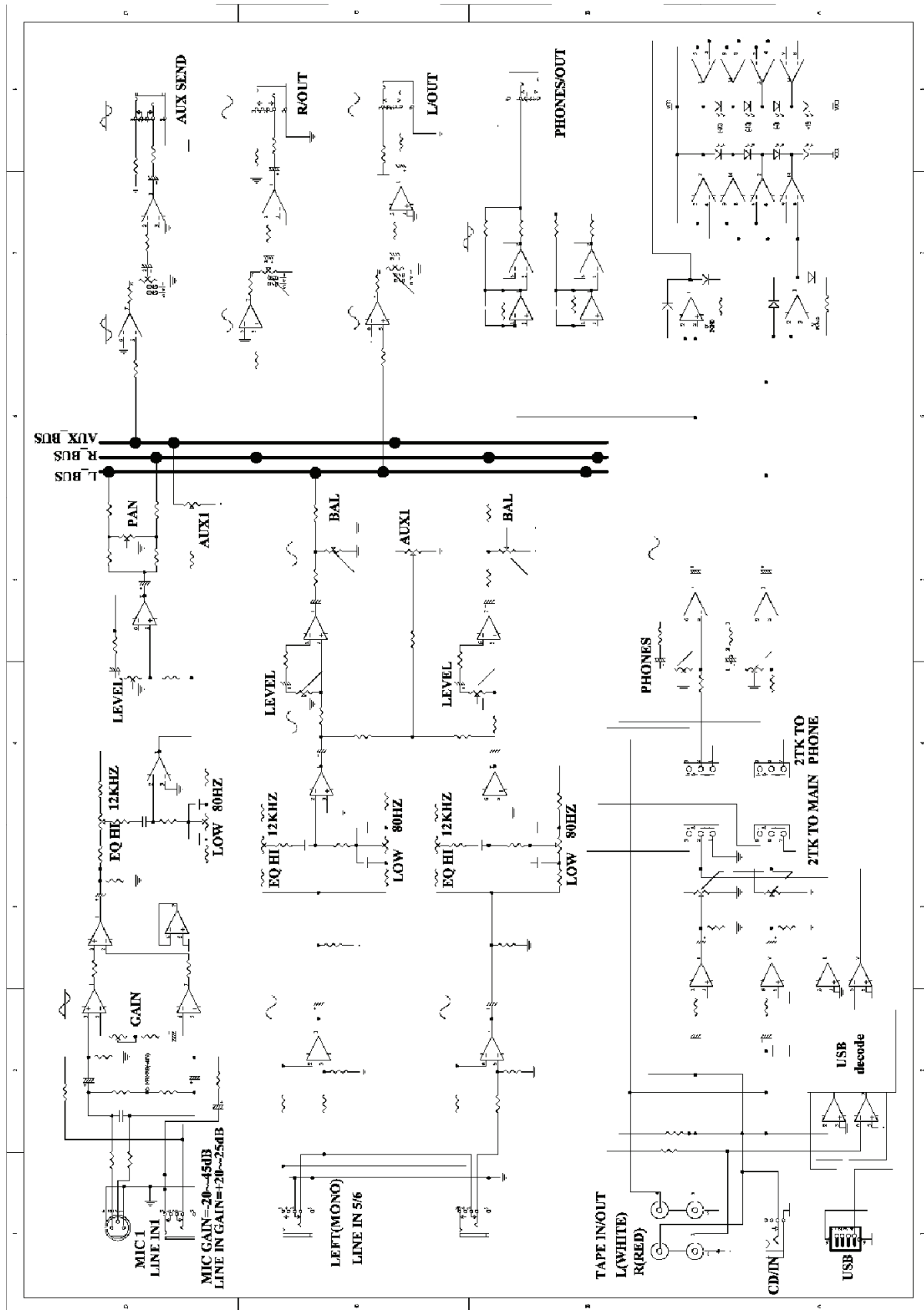
**For Replacements:** Replacements will be provided for any defective product within the specified warranty period for that product. Replacements will be the only recourse for returns after 30 days from the delivery date have passed. Monoprice.com will only replace item(s) for the exact same item(s) 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.

Monoprice.com is not liable for packages that are lost in transit. It is highly recommended that you use a trackable shipping service when you send back your merchandise.

# Block Diagram



## Contact Information

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### Customer Service

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](mailto:support@monoprice.com)

### Technical Support\* Live Chat

[www.monoprice.com](http://www.monoprice.com)

Availability

Monday ~ Friday: 6:00AM ~ 7:00PM PT

Saturday & Sunday: 9:00AM ~ 6:00PM PT

[tech@monoprice.com](mailto:tech@monoprice.com)

\*Technical Support is not available by telephone. Please use Live Chat if you have any questions regarding technical support.

### Online Requests

[www.monoprice.com/home/home.asp?pn=contact](http://www.monoprice.com/home/home.asp?pn=contact)

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