



STi12 2x2 USB Audio Recording Interface



P/N 625909

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 or any 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.

- Do not place or install this device in an area where it can be exposed to excessive amounts of dust, humidity, oil, smoke, or combustible vapors.
- 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

Besides providing the hardware inputs for your microphones or instruments, audio interfaces are critical for improving the sound of your recordings. Not only will you achieve better sound, you'll also be able to record multiple tracks at once, allowing for collaboration with others or true stereo recordings. The Stage Right™ STi12 USB Audio Recording Interface does all of the above and then some. Studio quality recording has never been as accessible.

FEATURES

- 44.1kHz, 48kHz, 88.2kHz, and 96kHz sampling rates with 24-bit audio bit depth
- Dedicated microphone input, instrument input, line input, and two sets of stereo outputs
- Built-in Analog-to-Digital Converter (ADC) with 101dB dynamic range
- Built-in Digital-to-Analog Converter (DAC) with 105dB dynamic range
- True plug-n-play device, no drivers required
- Compatible with PCs running Microsoft® Windows® or Apple® Mac® OS X®
- Compatible with all popular Digital Audio Workstation software
- Includes Kensington Security Slot™ (lock not included)

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 USB Audio Recording Interface

1x USB Cable (Type-A to Type-B)

1x User's Manual

PRODUCT OVERVIEW

Front Panel



1. **MIC GAIN1:** Controls the input volume of **MIC 1 INPUT**. The LED around the base of the knob illuminates when the signal is being clipped.
2. **GAIN2:** Controls the input volume of **INPUT2**. The LED around the base of the knob illuminates when the signal is being clipped.
3. **LED:** The LED illuminates when power is applied via the USB connection.

4. **MIC 1 INPUT:** Combination 1/4" TRS/XLR jack for connecting a condenser or dynamic microphone.
5. **+48V:** Switches +48V phantom power on or off. Phantom power is on when the button is depressed.
6. **INPUT2:** 1/4" TRS instrument/line input for connecting an instrument level or line level device.
7. **LINE/INST:** Switches **INPUT2** to accept a line level or instrument level input.
8. **DIRECT MONITOR:** Switches direct monitoring on or off. When direct monitoring is on, you can hear the instrument and microphone inputs in your headphones.
9. **HEADPHONES:** 1/4" TRS jack for connecting headphones.
10. **MONITOR:** Master control for adjusting the input and output monitoring levels.

Rear Panel



11. **K-SLOT:** Kensington Security Slot™ for use with a security lock to prevent theft. Lock not included.
12. **USB:** USB connector for connecting the device to your computer using the included USB cable. The device receives all the power it needs from the USB connection. No drivers are required.
13. **PHONE:** 3.5mm TRS connector for connecting a phone, mp3 player, or other audio device using the included 3.5mm TRRS audio cable.
14. **LINE OUTPUTS:** Two balanced 1/4" TRS jacks for connecting powered speakers or an amplifier.

INSTALLATION

Perform the following steps to connect the USB Audio Recording Interface with your computer. 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.

1. Place the device on a flat surface near your computer.
2. Rotate the **MIC GAIN1**, **GAIN2**, and **MONITOR** knobs fully counterclockwise to the minimum position.
3. Place the **+48V** switch in the off position (out).
4. Ensure that your computer is powered on.
5. Plug one end of the included USB cable into the **USB** port on the device, then plug the other end into an available USB port on your computer. Your computer will automatically install the necessary USB drivers and the **LED** on the front panel will illuminate. No external drivers are required.

6. Open your computer's audio interface and ensure that **ST112 USB** is selected as the audio input and output device.

Congratulations, your USB Audio Recording Interface is installed and ready for use!

OPERATION GUIDELINES

- To prevent transient spikes from damaging your equipment, always turn the two **MIC GAIN1, GAIN2,** and **MONITOR** knobs fully counterclockwise to the minimum position before making or breaking any connections.
- Even if using a condenser microphone that requires +48V phantom power, ensure that the **+48V** switch is in the off position (out) before plugging a microphone into the **MIC 1 INPUT** jack. Turn on +48V phantom power only when a condenser microphone is connected.
- The **PHONE** jack on the rear panel allows you to play music from a mobile device, so you can play or

sing along with audio tracks for recording or practice purposes.

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

Main Unit

P/N	625909
Sampling Rates	44.1kHz, 48kHz, 88.2kHz, and 96kHz
Bit Depth	24-bit
ADC Dynamic Range	101dB A-Weighted (all inputs)
ADC Chipset Dynamic Range	114dB
DAC Dynamic Range	105dB A-Weighted (all outputs)
DAC Chipset Dynamic Range	114dB
Compatible Operating Systems	Microsoft® Windows®, Apple® Mac® OS X®

Mic Input

Frequency Response	20Hz ~ 20kHz
Gain Range	0 ~ 1686mV _{rms}
THD	-87dB
Background Noise (EIN)	189μV _{rms}
Dynamic Range	87dB
Maximum Input Gain	35mV _{rms}

Instrument Input

Frequency Response	20Hz ~ 20kHz
Gain Range	0 ~ 291mV _{rms}
THD	-78dB
Background Noise (EIN)	203μV _{rms}
Dynamic Range	78dB
Maximum Input Gain	123mV _{rms}

Line Input

Frequency Response	20Hz ~ 20kHz
Gain Range	0 ~ 380mV _{rms}
THD	-76dB
Background Noise (EIN)	298μV _{rms}
Dynamic Range	76dB
Maximum Input Gain	205mV _{rms}

Phone Input

Frequency Response	20Hz ~ 20kHz
Gain Range	0 ~ 1390mV _{rms}
THD	-89dB
Background Noise (EIN)	301μV _{rms}
Dynamic Range	89dB
Maximum Input Gain	935mV _{rms}

Line Output

THD	-74dB
Background Noise	207 μ V _{rms}
Dynamic Range	74dB

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.

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.

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