USER'S GUIDE



Table of Contents:

Introduction.....**2**

Precautions.....**2**

Overview **3**

Getting Started **4**

Setting the XU-1648 as Your Computer's Default Sound Device.....**4-5**

Monitoring with Your Headphones.....**5**

Microphone Level Adjustment **5**

Troubleshooting.....**6-7**

Specifications **7**

Warranty.....**8**

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XU-1648

XLR-to-USB INTERFACE

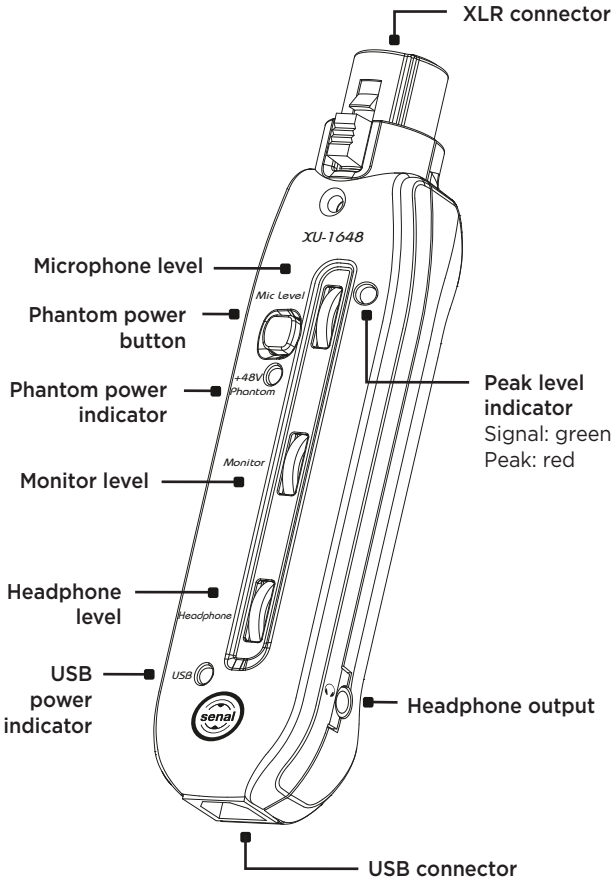
Thank you for choosing Senal.

The Senal XU-1648 XLR-to-USB Interface enables you to plug your dynamic or condenser XLR microphone into your computer's USB port. The 16-bit/48-kHz sampling rate delivers studio-quality sound, and the interface provides switchable phantom power for condenser microphones. The headphone output allows latency-free monitoring, with a headphone level for volume control and a monitor level to adjust the balance between playback audio and the microphone.

Precautions ⚠

- Please read and follow these instructions and keep this manual in a safe place.
- Exposure to high sound levels can cause permanent hearing loss. Avoid listening at high volumes for extended periods of time.
- Keep this product away from water and all flammable gases or liquids.
- Do not attempt to disassemble or repair this product.
- Clean this product with only a soft, dry cloth.
- Make sure that this product is intact and that there are no missing parts.
- All photos are for illustrative purposes only.
- Please read and follow these instructions and keep this manual in a safe place.

Overview

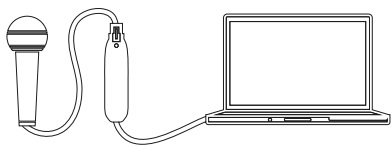


Also Included:
USB cable
User's Guide

Getting Started

1. Plug the XU-1648 into your computer via the included USB cable. The USB power indicator will glow blue.

2. Plug your microphone into the XU-1648's XLR connector. If you are using a condenser microphone, press the phantom power button to power your microphone. The phantom power indicator will glow red.

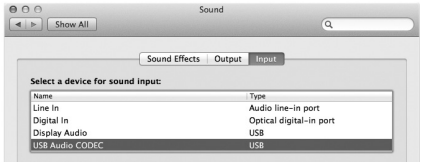


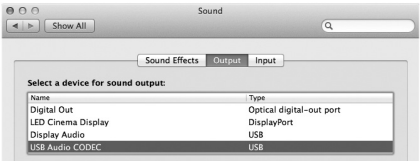
Setting the XU-1648 as Your Computer's Default Sound Device

Your computer will automatically detect the XU-1648, but it may not set it as the default sound device. If you are using a Windows operating system, open up Sounds and Audio Devices from the Control Panel. Select USB Audio CODEC as the default device for sound playback and recording.



If you are using Macintosh OS X, open up System Preferences and select Sound. Select USB Audio CODEC as the default device on the Input and Output tabs.





Monitoring with Your Headphones

You can plug your headphones directly into the XU-1648 to monitor your recording without the latency that often occurs when monitoring through a computer's headphone jack. To monitor through your XU-1648, plug your headphones into the headphone output.

Use the headphone level to adjust the headphone volume. Use the monitor level to adjust the balance between the microphone and the playback audio.

Note: Turn off monitoring in the recording channel of your audio software to prevent hearing both the delayed and the latency-free audio.

Important! To avoid an accidental burst of high volume, make sure to turn down the headphone level before plugging in your headphones.

Microphone Level Adjustment

Use the microphone level to adjust your microphone's input gain. If the peak level indicator changes from green to red, turn down the microphone level.

Troubleshooting

Problem	Solution
The XU-1648 will not turn on.	Make sure the USB cable is plugged into the XU-1648 and the computer's USB port. Make sure the USB port is powered.
The microphone will not record.	Make sure the microphone is plugged into the XU-1648. If you are using a condenser microphone, press the phantom power button. Make sure you have selected the XU-1648 as the default sound recording/audio input device.
There is no sound coming from the headphones, or the headphones are too quiet.	Make sure the headphones are plugged into the XU-1648's headphone output. Turn up headphone level on the XU-1648. Turn up the volume on your computer. If your headphones have their own built-in volume control, turn it up. Make sure you have selected the XU-1648 as the default sound playback/audio output device.
The sound is distorted.	Turn down the XU-1648's microphone level. If your microphone has a built-in gain control, turn it down.

Problem	Solution
The playback audio is not audible.	Turn up the monitor level.
The playback audio is delayed.	Turn off monitoring in the recording channel of your audio software.

Specifications

Input:	XLR
Input impedance:	1,200 Ω
Input gain range:	35 dB
Headphone output:	3.5 mm stereo
Headphone output:	50 mW (16 Ω)
USB connector:	Standard-B, digital audio interface
Sampling rate - DAC:	32, 44.1, 48 kHz
Sampling rate - ADC:	8, 11.025, 16, 22.05, 32, 44.1, 48 kHz
Bit depth:	16 bit
USB version:	1.1, 2.0
Phantom power:	48 V ±2 V, 15 mA
Frequency response:	25 Hz to 20 kHz
Power consumption:	2.2 W
Dimensions:	5.1 × 1.2 × 1.1″ (13 × 3.1 × 2.8 cm)
Weight:	3.3 oz. (94 g)

One-Year Limited Warranty

This Senal product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Senal Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Senal along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information or to arrange service, visit www.senalsound.com or call Customer Service at 212-594-2353.

Product warranty provided by the Gradus Group.
www.gradusgroup.com

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