



MVX2U

MVX2U Digital Audio Interface

User guide for MVX2U Digital Audio Interface
Version: 2.3 (2025-A)

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MVX2U

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Important Product Information

IMPORTANT SAFETY INSTRUCTIONS

1. READ these instructions.
2. KEEP these instructions.
3. HEED all warnings.
4. FOLLOW all instructions.
5. DO NOT use this apparatus near water.
6. CLEAN ONLY with dry cloth.
7. DO NOT block any ventilation openings. Allow sufficient distances for adequate ventilation and install in accordance with the manufacturer's instructions.
8. DO NOT install near any heat sources such as open flames, radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. Do not place any open flame sources on the product.
9. DO NOT defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wider blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. PROTECT the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. ONLY USE attachments/accessories specified by the manufacturer.
12. USE only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. UNPLUG this apparatus during lightning storms or when unused for long periods of time.
14. REFER all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. DO NOT expose the apparatus to dripping and splashing. DO NOT put objects filled with liquids, such as vases, on the apparatus.
16. The MAINS plug or an appliance coupler shall remain readily operable.
17. The airborne noise of the Apparatus does not exceed 70dB (A).
18. Apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.
19. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
20. Do not attempt to modify this product. Doing so could result in personal injury and/or product failure.
21. Operate this product within its specified operating temperature range.



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

WARNING

LISTENING TO AUDIO AT EXCESSIVE VOLUMES CAN CAUSE PERMANENT HEARING DAMAGE. USE AS LOW A VOLUME AS POSSIBLE. Over exposure to excessive sound levels can damage your ears resulting in permanent noise-induced hearing loss (NIHL). Please use the following guidelines established by the Occupational Safety Health Administration (OSHA) on maximum time exposure to sound pressure levels before hearing damage occurs.

90 dB SPL at 8 hours	95 dB SPL at 4 hours	100 dB SPL at 2 hours	105 dB SPL at 1 hour
110 dB SPL at ½ hour	115 dB SPL at 15 minutes	120 dB SPL Avoid or damage may occur	

Information to the user

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. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instruction manual, may cause interference with radio and television reception.

Notice: The FCC regulations provide that changes or modifications not expressly approved by Shure Incorporated could void your authority to operate this equipment.

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 the receiver.
- Connect the equipment to 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.

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

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.

Canada, ISED Notice

Notice: The Industry Canada regulations provide that changes or modifications not expressly approved by Shure Inc. could void your authority to operate this equipment.

General Description

Designed for easy portable use, the Shure MVX2U digital audio interface enables you to connect an XLR microphone directly to your computer for streaming or sending professional quality audio with exceptional definition and clarity. Consistent with Shure's commitment to quality and durability, the MVX2U features an all-metal housing for reliable performance.

Features

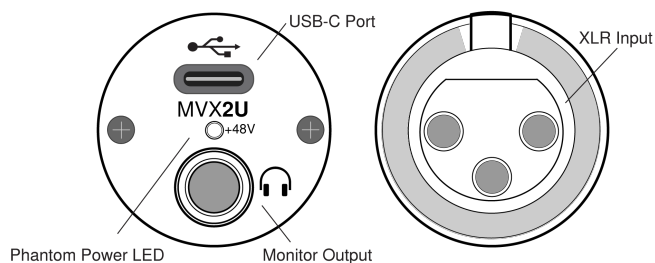
Convenient Plug-and-Play Operation

Compatible with Windows and Mac computers.

Durable, Versatile Design

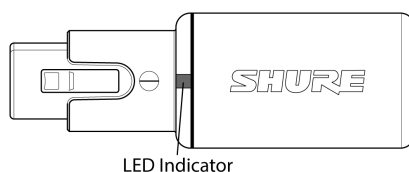
- USB connector allows XLR microphones to be used for digital recording
- Rugged, all-metal construction for outstanding reliability

MVX2U Inputs and Outputs



- **USB-C port:** Use the included USB-C cable to send and receive audio from your computer or recording device.
- **Phantom Power LED:** LED indicates whether Phantom Power is on or off.
- **3.5mm monitor output:** Connect to headphones or earphones for zero-latency direct monitoring.
- **XLR input:** Connect your microphone directly to the MVX2U or with an XLR cable.

LED Status

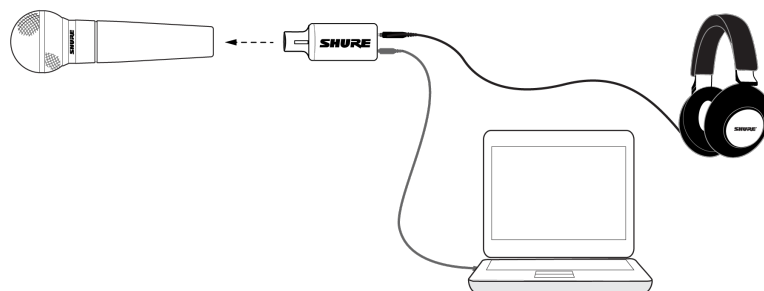


- **Green:** USB connection is made.
- **Amber:** USB connection has failed.
- **Amber Flashing:** Firmware update is in progress.
- **Red:** MVX2U has been muted.
- **Off:** No connection.

Note: Upon first connection, LED is amber and turns green once the device is ready.

Quick Setup

1. **Begin by connecting your audio equipment.** Plug your microphone into the MVX2U XLR connector directly or with an XLR cable.
2. **Connect the MVX2U to your computer with the USB-C cable.** The MVX2U LED will glow amber when the connection is made and then turn green when the mic is ready to use.
3. **Plug your headphones into the monitor output.**
4. **Check audio levels and adjust microphone settings as needed.** Adjust microphone for worry free recording.



Streaming Tips

Control your Levels

To ensure consistent volume levels, determine the microphone placement that works best for you and maintain that distance. Record several practice tests to determine the spot where your voice sounds best and background sounds are minimized.

Monitor Your Sound

To hear your audio with no latency, plug headphones into the headphone output on your MVX2U.

Mounting Instructions

The MVX2U interface fits into a standard A25D mic clip. So you can place it anywhere that you can put a standing or tabletop mic stand.

Troubleshooting

Issue	Solution
Audio is distorted	Audio distortion usually comes from overloading the microphone which causes clipping. Lower your mic gain for the best sound recording. Check that the all cables are correctly and completely connected. If listening through headphones, check the connection or try using a different pair.
General troubleshooting	Disconnect and reconnect the MVX2U. Quit and re-start the app. Reboot the computer.

Note: Contact Shure Service and Repair if you continue to experience any issues.

Specifications

Frequency Response

20 Hz to 20,000 Hz

Input Impedance

(@ 1 kHz)

5.8 k Ω

Maximum Input Level

7 dBV

Digital Noise Floor (20 Hz to 20 kHz, A-Weighted)

-105 dBFS

Minimum MIC GAIN setting

0 dB

Maximum MIC GAIN setting

60 dB

Adjustable Gain Range

(0.5 dB/step)

0 dB to 60 dB

Headphone Output

3.5 mm (1/8 inch) 20 mW @ 32Ω

Weight

100g (3.5 oz.)

MF1 Certified

No

Housing

All metal construction

Power Requirements

Powered through USB connector

Phantom Power Supply

48V, 7 mA

Max. Current Draw through USB

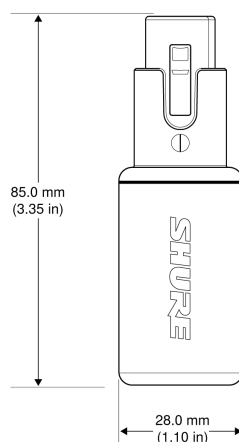
160 mA

Operational Temperature Range

-5 to 40°C (23 to 104°F)

Storage Temperature Range

-29 to 74°C (-20 to 165°F)



Dimensions

Bit Depth	Sampling Rate
24	48 kHz
16	48 kHz

Accessories

Furnished Accessories

1 m USB-C to USB-C cable	95D52640
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Certifications

Conforms to electrical safety requirements based on IEC/EN 62368-1.

CE Notice

Hereby, Shure Incorporated declares that this product with CE Marking has been determined to be in compliance with European Union requirements.

The full text of the EU declaration of conformity is available at the following site: <https://www.shure.com/en-EU/support/declarations-of-conformity>.

UKCA Notice

Hereby, Shure Incorporated declares that this product with UKCA Marking has been determined to be in compliance with UK-CA requirements.

The full text of the UK declaration of conformity is available at the following site: <https://www.shure.com/en-GB/support/declarations-of-conformity>.

This product meets the Essential Requirements of all relevant European directives and is eligible for CE marking.

Waste Electrical and Electronic Equipment (WEEE) Directive



In the European Union and the United Kingdom, this label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling.

Please consider the environment, electric products and packaging are part of regional recycling schemes and do not belong to regular household waste.

Registration, Evaluation, Authorization of Chemicals (REACH) Directive

REACH (Registration, Evaluation, Authorization of Chemicals) is the European Union (EU) and the United Kingdom (UK) chemical substances regulatory framework. Information on substances of very high concern contained in Shure products in a concentration above 0.1% weight over weight (w/w) is available upon request.

