

MVX2U GEN 2 DIGITAL AUDIO INTERFACE

SINGLE-CHANNEL XLR-TO-USB INTERFACE WITH HEADPHONE OUTPUT

OVERVIEW

The MVX2U Gen 2 is a high-performance, single-channel XLR-to-USB-C interface designed to streamline recording and streaming set ups on desktop, tablet, or smartphone. It combines advanced digital audio processing with a compact design, delivering clean, consistent audio with any connected XLR microphone.

Powered via USB-C to minimize cable clutter, MVX2U Gen 2's pocket-sized form factor supports direct plug-on connection to XLR microphones or inline use with an XLR cable. The MVX2U Gen 2 provides up to +60 dB of gain and 48V phantom power for dynamic and condenser microphones, and includes a 3.5 mm headphone jack for zero-latency monitoring.

MVX2U Gen 2 integrates MOTIV voice isolation technologies—including Auto Level Mode, Real-Time Denoiser, and Digital Popper Stopper—bringing these cutting edge audio processing features to any XLR microphone to ensure clean, consistent capture even in less-than-ideal acoustic environments. Users can manage settings on desktop, smartphone, or tablet via USB-C within MOTIV Mix, MOTIV Audio, and MOTIV Video apps, activate any audio processing, and customize their sound as desired—including tone, EQ, compression, and limiter—tailored to the needs of audio professionals and enthusiasts alike.



MVX2U GEN 2
Digital Audio Interface

FEATURES

- Onboard Shure Digital Audio Processing—including Auto Level Mode, Real-Time Denoiser, and Digital Popper Stopper™—runs with zero latency on any XLR microphone. Essential DSP features (EQ, compression, limiter, and high-pass filter) are configurable via Shure MOTIV apps. MVX2U Gen 2 stores your latest processing settings so your sound stays consistent across devices.
 - Auto Level Mode automatically adjusts gain in real time with intelligent onboard DSP for consistent output. Select your preferred tone from Dark, Natural or Bright.
 - Real-Time Denoiser removes unwanted background noise from speech. Turn off for singing or acoustic instruments.
 - Digital Popper Stopper™ mitigates plosives. Optimized for speech; best turned off for instruments.
- Plug-and-play recording or streaming with an XLR microphone. Instantly convert any dynamic or condenser XLR mic for professional podcasting or livestreaming. Provides up to +60 dB of clean gain and 48 V phantom power for your microphone—ample gain for low-sensitivity mics like the SM7B, and phantom power for condenser mics.
- Mobile and tablet-friendly, giving you the flexibility to move your work in progress across devices and create on tablet or phone.
- Plug-on or inline connection options enable flexible setups with minimal cable clutter when connecting an XLR mic to supported devices.
- Pocket-friendly interface: compact and only 100g. Requires just a USB-C cable to run on supported devices—no external batteries or AC adapters needed.
- Built-in 3.5 mm headphone jack with zero-latency monitoring lets you hear exactly what you're capturing. Set your preferred blend of monitoring and playback with Monitor Mix via MOTIV apps.
- Compatible with Mac and Windows desktops, and iOS and Android smartphones/tablets. MFi certified for iPad and iPhone. Includes a 1 m USB-C-to-USB-C cable for direct connection.
- Tri-color LED indicator displays device status at a glance.
- In-app firmware updates deliver new features and improvements to keep your device up to date.
- Compatible with both Mac and Windows, connect your XLR microphone directly to your computer with the included 1m USB-C to USB-C cable.



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SPECIFICATIONS

Input	XLR
Input impedance	5.8kΩ
Bit Depth	16-bit/24-bit
Sampling Rate	44.1kHz & 48kHz
Frequency Response	20Hz to 20,000Hz
Adjustable Gain Range	0 to +60dB
Power Requirements	Powered through USB-C
Phantom Power	+48VDC
Digital Noise Floor	+48VDC
(20 Hz to 20 kHz, A-weighted)	-117dBFS
LED Indicator	Green = Ready Amber = Error Red = Mute
(Tricolor)	Green = Ready
Amber = Error	100 g (3.5 Oz.)
Red = Mute	44 x 140 x 158mm H x W x D
Housing	All Metal
Net Weight	100 g (3.5 Oz.)
Dimension	44 x 140 x 158mm H x W x D
Headphone Output	3.5 mm (1/8 inch) 20 mW @ 32Ω
Cable	1M USB-C to USB-C cable

SYSTEM REQUIREMENTS

USB	USB 2.0
RAM	64MB RAM (minimum)
Operating System	MAC OS 14 or later, 64 bit, Minimum 2 GB of RAM, Minimum 500 MB of hard disk space Windows 10 or later, 64 bit, Minimum 2 GB of RAM, Minimum 500 MB of hard disk space iOS 17 or later Android 14 or later

AVAILABLE SKUS

MVX2UG2	Single-Channel Digital Audio Interface, XLR to USB
MVX2UG2-CHN	Single-Channel Digital Audio Interface, XLR to USB

ACCESSORIES AND REPLACEMENT PARTS

95D52640	1M USB-C to USB-C cable
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