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Steinberg UR22C

Steinberg UR22C Audio Interface User Manual

Model: UR22C | Brand: Steinberg

1. INTRODUCTION

The Steinberg UR22C is a versatile 2x2 USB 3.0 audio interface designed for recording and composing music in studio quality. It offers a robust mobile production platform compatible with iPad, Windows, and Mac computers. With its super-speed USB 3.0 connectivity, the UR22C provides reliable performance for various audio applications.



Figure 1: Steinberg UR22C Audio Interface - Front Angled View

2. KEY FEATURES

The Steinberg UR22C is equipped with advanced features to enhance your audio production experience:

- **Industry-Leading Converters:** Provides up to 32-bit/192 kHz audio resolution for pristine sound quality.
- **Super Speed USB 3.1 Gen 1 with USB-C:** Ensures fast and reliable connectivity to Mac, PC, and iOS devices.
- **Class-A D-PRE Mic Preamps:** Two onboard D-PRE preamps capture the subtleties and expressiveness of any audio source, supporting both condenser and dynamic microphones.
- **DSPMixFX Application:** Enables zero-latency monitoring with effects directly from your DAW.
- **Broad Software Compatibility:** Supports all major audio software, including ASIO, Core Audio, and WDM.

- **Steinberg Plus:** Access a selection of VST instruments, VST sound, and loop sets for free, including HALion Sonic SE 3, Groove Agent SE 5, Retrologue, and Anima, plus 2 GB of sounds and loops.

3. SETUP GUIDE

Follow these steps to set up your Steinberg UR22C audio interface:

3.1. Unpacking and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed in the packing list are present and inspect the unit for any physical damage.

3.2. Software Installation

Before connecting the UR22C to your computer or iPad, it is recommended to install the necessary drivers and software. Visit the official Steinberg website to download the latest drivers for your operating system (Windows/macOS) and register your product to access Cubase AI and Cubasis LE.

1. Download the latest UR22C driver from the Steinberg website.
2. Install the driver by following the on-screen instructions.
3. Register your product to download Cubase AI (for desktop) and Cubasis LE (for iPad).
4. Install the included software as per their respective instructions.

3.3. Connecting the UR22C

The UR22C can be powered directly from your USB 3.0 or USB-C equipped laptop or iPad Pro. For other devices or stable power, use a 5V DC power source (not included).



Figure 2: Rear Panel Connections (USB, MIDI, Main Output)

1. Connect the UR22C to your computer or iPad using a USB 3.0 or USB-C cable.
2. If using a 5V DC power source, connect it to the 5V DC port on the rear panel.
3. Connect your monitor speakers to the "MAIN OUTPUT" (L/R) jacks on the rear panel.
4. Connect your headphones to the "PHONES" jack on the front panel.

3.4. Connecting Microphones and Instruments



Figure 3: Front Panel Controls (Inputs, Gain, Monitoring)

1. **Microphones:** Plug condenser or dynamic microphones into the "INPUT 1" or "INPUT 2" combo jacks (XLR or 1/4" TRS). For condenser microphones, ensure the +48V phantom power switch on the rear panel is set to "ON".
2. **Guitars/Basses:** Connect your guitar or bass to "INPUT 2" and activate the "HI-Z" switch for optimal impedance matching.
3. **Line-Level Devices:** Connect keyboards, drum machines, or other line-level devices to "INPUT 1" or "INPUT 2" using 1/4" TRS cables.
4. **MIDI Equipment:** Connect MIDI devices (e.g., MIDI keyboards) to the "MIDI IN" and "MIDI OUT" ports on the rear panel.



Figure 4: Connecting a Guitar to the UR22C for Recording

4. OPERATING INSTRUCTIONS

Once your UR22C is set up, you can begin recording and monitoring your audio.

4.1. Adjusting Input Gain

Use the "INPUT 1 GAIN" and "INPUT 2 GAIN" knobs on the front panel to adjust the input level for your microphones or instruments. The "PEAK" indicators will light up if the input signal is too high, indicating potential clipping. Adjust the gain to ensure the "PEAK" light only flashes occasionally on the loudest parts of your signal.

4.2. Direct Monitoring with DSPMixFX

The UR22C features a DSPMixFX application that allows for zero-latency monitoring with built-in effects. This means you can hear your input signal with effects (like reverb or compression) without any noticeable delay, even when recording. The "MIX" knob on the front panel blends the direct input signal with the playback signal from your computer (DAW).

- Turn the "MIX" knob towards "INPUT" to hear more of your live input signal.
- Turn the "MIX" knob towards "DAW" to hear more of the playback from your computer.
- Use the "PHONES" knob to adjust the headphone output volume.
- Use the "OUTPUT" knob to adjust the main monitor output volume.



Figure 5: Using the UR22C for Microphone Recording

4.3. Mono/Stereo Monitoring

The "MONO" switch on the front panel allows you to switch between mono and stereo monitoring. When engaged, both inputs are summed to mono, which can be useful for checking phase compatibility or when recording a single mono source.

5. MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your Steinberg UR22C.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid using abrasive cleaners, solvents, or waxes, as these can damage the finish.
- **Storage:** When not in use, store the UR22C in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the unit with care. Avoid dropping it or subjecting it to strong impacts.
- **Ventilation:** Ensure proper ventilation around the unit to prevent overheating. Do not block any ventilation openings.
- **Power Off:** Always disconnect the power source when the unit is not in use for extended periods or during electrical storms.

6. TROUBLESHOOTING

If you encounter issues with your Steinberg UR22C, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
No sound from outputs/headphones.	Incorrect driver installation, incorrect audio settings in DAW/OS, volume knobs turned down, incorrect cable connections.	Verify driver installation and update if necessary. Check audio input/output settings in your operating system and DAW. Ensure "PHONES" and "OUTPUT" knobs are turned up. Confirm all cables are securely connected.
Input signal is distorted or clipping.	Input gain is too high.	Reduce the "INPUT GAIN" knob for the respective input until the "PEAK" indicator only flashes occasionally.
No phantom power for condenser mic.	+48V switch is off.	Ensure the +48V switch on the rear panel is set to "ON".
MIDI devices not recognized.	Incorrect MIDI connections, driver issues, DAW MIDI settings.	Verify MIDI IN/OUT connections. Check MIDI device settings in your DAW. Ensure UR22C drivers are correctly installed.

For more detailed troubleshooting or specific technical issues, please refer to the comprehensive manual available on the official Steinberg website or contact Steinberg customer support.

7. SPECIFICATIONS

Attribute	Detail
Model Number	UR22C
Brand	Steinberg
Connectivity Technology	USB

Attribute	Detail
Hardware Interface	USB 3.1 Type C
Number of Channels	2
Audio Resolution	Up to 32-bit/192 kHz
Compatible Devices	Laptop, Personal Computer
Supported Software	ASIO, WDM (Cubase AI, Cubasis LE included)
Operating System	Windows, Mac, iOS
Color Name	Black
Item Weight	2.2 pounds
Product Dimensions	9.21 x 8.07 x 4.13 inches
Country of Origin	China
Date First Available	September 30, 2019

8. WARRANTY AND SUPPORT

The Steinberg UR22C audio interface comes with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Steinberg website. Keep your proof of purchase for warranty claims.

For technical support, driver updates, software downloads, and frequently asked questions, please visit the Steinberg support page:

[Steinberg Official Support](#)



Related Documents - UR22C

  	<p>Steinberg UR22C USB Audio Interface: Startup Guide</p> <p>Get started with your Steinberg UR22C USB Audio Interface. This guide covers setup, installation of drivers and software, power supply, and important precautions for music production.</p>
  	<p>Steinberg UR22C USB Audio Interface Operation Manual</p> <p>Comprehensive operation manual for the Steinberg UR22C USB Audio Interface, detailing its features, controls, software setup, and troubleshooting.</p>
  	<p>Steinberg UR12 USB Audio Interface: Getting Started Guide</p> <p>A comprehensive guide to setting up and using the Steinberg UR12 USB Audio Interface, covering installation, precautions, technical specifications, and compliance information.</p>
  	<p>Steinberg UR22C USB Audio Interface Operation Manual</p> <p>Comprehensive operation manual for the Steinberg UR22C 2x2 USB 3.0 audio interface, detailing features, controls, software setup, recording, troubleshooting, and technical specifications.</p>
  	<p>Cubasis 3 Operation Manual - Steinberg Mobile Music Production</p> <p>Comprehensive guide to Steinberg Cubasis 3, a mobile music creation system. Learn about recording, editing, mixing, virtual instruments, effects, and advanced features for iOS and Android.</p>



[Cubase Elements, AI, LE 10.0.0 Operation Manual](#)

This manual provides detailed instructions on operating Cubase Elements, AI, and LE software, covering features, parameters, and techniques. It includes system setup, audio and MIDI configurations, project management, track operations, mixing, effects, and advanced functionalities.