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› Steinberg UR22C USB 3.0 Audio Interface User Manual

Steinberg UR22C

Steinberg UR22C USB 3.0 Audio Interface

Model: UR22C

Brand: Steinberg

1. INTRODUCTION

The Steinberg UR22C is a high-quality USB 3.0 audio interface designed for musicians, producers, and audio engineers. It offers 2 inputs and 2 outputs, supporting audio resolutions up to 32-bit/192kHz. Equipped with D-PRE microphone preamps, MIDI I/O, and USB bus power, the UR22C provides a versatile and portable solution for recording and production on both Mac and PC systems.

2. KEY FEATURES

- **2-in/2-out USB 3.0 Audio Interface:** High-speed connectivity for reliable performance.
- **32-bit/192kHz Audio Resolution:** Professional-grade audio conversion for pristine sound quality.
- **D-PRE Microphone Preamps:** Two high-quality Class-A D-PRE preamps with +48V phantom power for condenser microphones.
- **MIDI Input/Output:** Connect MIDI keyboards, controllers, and other MIDI devices.
- **USB Bus Powered:** Operates without an external power supply when connected to a USB 3.0 port.
- **Latency-Free Monitoring:** Hardware-based direct monitoring for real-time input signal monitoring.
- **Robust Metal Casing:** Durable construction for road-readiness.
- **Cross-Platform Compatibility:** Supports Windows and macOS operating systems.

3. PACKAGE CONTENTS

Please ensure all the following items are present in your package:

- Steinberg UR22C Audio Interface Unit
- USB 3.0 Type-C to Type-A Cable
- Start Guide / Important Information Sheet
- Software Download Access Code (for Cubase AI/LE and other bundled software)

4. SETUP

4.1. Hardware Connections

1. **Connect to Computer:** Use the provided USB 3.0 cable to connect the UR22C to a USB 3.0 port on your computer. The device will be bus-powered. If using a USB 2.0 port, an optional 5V DC power adapter (not included) may be required for stable operation.
2. **Connect Microphones/Instruments:** Plug your microphones into the XLR/TRS combo jacks (Inputs 1 and 2) on the front panel. For condenser microphones, activate the +48V phantom power switch located on the rear panel. For guitars or basses, connect to Input 2 and activate the HI-Z switch on the front panel.
3. **Connect Monitors/Headphones:** Connect your studio monitors to the MAIN OUTPUT (L/R) jacks on the rear panel. Plug your headphones into the PHONES jack on the front panel.



Figure 4.1: Steinberg UR22C connected to a computer via USB cable.



Figure 4.2: Front panel of the UR22C with input jacks and control knobs.



Figure 4.3: Rear panel of the UR22C with main outputs, MIDI I/O, and power options.

4.2. Software Installation

1. **Download Drivers:** Visit the official Steinberg website and navigate to the UR22C product page. Download the latest Yamaha Steinberg USB Driver for your operating system (Windows or macOS).
2. **Install Drivers:** Follow the on-screen instructions to install the downloaded drivers. Restart your computer if prompted.
3. **Install Bundled Software:** Use the provided Download Access Code to download and install Cubase AI/LE and other included software from the Steinberg website. Follow their respective installation guides.
4. **DAW Setup:** Open your Digital Audio Workstation (DAW) software. Go to its audio settings/preferences and select the Steinberg UR22C as your audio input and output device.

5. OPERATING THE UR22C

5.1. Input Gain Adjustment

Each input (1 and 2) has a dedicated GAIN knob. Adjust these knobs to set the input level for your microphone or instrument. The PEAK indicator LED will light up if the input signal is too high, indicating potential clipping. Reduce the gain until the PEAK LED no longer illuminates.



Figure 5.1: Close-up of input gain controls and PEAK indicators.

5.2. Direct Monitoring

The UR22C features a hardware-based direct monitoring function to eliminate latency during recording. Use the MIX knob to blend between the direct input signal (INPUT) and the playback signal from your DAW (DAW). The MONO button sums the stereo input to mono, useful for monitoring a single microphone through both headphone channels.

5.3. Headphone Output

The PHONES knob controls the volume of the headphone output. Adjust this to a comfortable listening level. The main OUTPUT knob controls the volume for your studio monitors.

5.4. MIDI I/O

Connect your MIDI keyboard or controller to the MIDI IN port and your MIDI sound module or other MIDI device to the MIDI OUT port. Ensure your DAW is configured to recognize the UR22C's MIDI ports for sending and receiving MIDI data.



Figure 5.2: Rear panel showing MIDI In/Out and Main Outputs.

6. TROUBLESHOOTING

• No Sound Output:

- Check all cable connections (USB, monitors, headphones).
- Ensure the UR22C is selected as the audio output device in your computer's sound settings and your DAW.
- Verify that the PHONES and OUTPUT knobs are turned up.
- Check the MIX knob position for direct monitoring.

• No Input Signal:

- Confirm microphone/instrument is properly connected to the correct input.
- Adjust the GAIN knob for the respective input.
- For condenser microphones, ensure +48V phantom power is enabled.
- For guitars/basses, ensure HI-Z is enabled for Input 2.
- Check input routing in your DAW.

• Device Not Recognized:

- Ensure the USB cable is securely connected. Try a different USB port or cable.
- Verify that the Yamaha Steinberg USB Driver is correctly installed. Reinstall if necessary.
- If using a USB 2.0 port, try connecting an optional 5V DC power adapter.

• Distorted Sound:

- Reduce input GAIN if the PEAK LED is lighting up.

- Check sample rate and buffer size settings in your DAW and the UR22C control panel.

7. SPECIFICATIONS

Feature	Specification
Connectivity	USB 3.0 (USB Type-C)
Audio Resolution	Up to 32-bit/192 kHz
Inputs	2 x XLR/TRS Combo (D-PRE Mic Preamps)
Outputs	2 x TRS Main Output, 1 x Headphone Output
Phantom Power	+48V switchable
MIDI I/O	1 x MIDI In, 1 x MIDI Out
Power Requirements	USB Bus Power (USB 3.0), 5V DC (optional for USB 2.0)
Operating Systems	macOS, Windows
Dimensions (Approx.)	23.6 x 20.8 x 10.4 cm (Package)
Weight (Approx.)	1.46 kg (Package)

8. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid abrasive cleaners or solvents.
- **Storage:** Store the UR22C in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the unit to strong impacts.
- **Ventilation:** Ensure proper ventilation around the unit to prevent overheating.

9. WARRANTY AND SUPPORT

The Steinberg UR22C comes with a manufacturer's warranty. For detailed warranty information, please refer to the documentation included with your product or visit the official Steinberg website. For technical support, driver updates, and additional resources, please visit the Steinberg support page:

<https://www.steinberg.net/support/>

Please register your product on the Steinberg website to receive updates and access to full support services.

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