

UR 22 mk II

USB AUDIO INTERFACE

Getting Started

Einführung

Prise en Main

Cómo Empezar

Introdução

Guida Introduttiva

Приступая к работе

セットアップガイド



EN
DE
FR
ES
PT
IT
RU
JA

 **steinberg**

FCC INFORMATION (U.S.A.)

1. IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by Yamaha may void your authority, granted by the FCC, to use the product.

2. IMPORTANT:

When connecting this product to accessories and/or another product use only high quality shielded cables. Cable/s supplied with this product MUST be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the USA.

3. NOTE:

This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the users manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC

regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "OFF" and "ON", please try to eliminate the problem by using one of the following measures:

Relocate either this product or the device that is being affected by the interference.

Utilize power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter/s.

In the case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300 ohm ribbon lead, change the lead-in to co-axial type cable.

If these corrective measures do not produce satisfactory results, please contact the local retailer authorized to distribute this type of product. If you can not locate the appropriate retailer, please contact Yamaha Corporation of America, Electronic Service Division, 6600 Orangethorpe Ave, Buena Park, CA90620

The above statements apply ONLY to those products distributed by Yamaha Corporation of America or its subsidiaries.

* This applies only to products distributed by Yamaha Corporation of America.

(class B)

COMPLIANCE INFORMATION STATEMENT (DECLARATION OF CONFORMITY PROCEDURE)

Responsible Party : Yamaha Corporation of America
Address : 6600 Orangethorpe Ave., Buena Park, Calif. 90620
Telephone : 714-522-9011
Type of Equipment : USB Audio Interface
Model Name : UR22mkII

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, and
- 2) this device must accept any interference received including interference that may cause undesired operation.

See user manual instructions if interference to radio reception is suspected.

* This applies only to products distributed by Yamaha Corporation of America.

(FCC DoC)

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For detailed instructions and information on the functions of the product, read the Operation Manual included in the TOOLS for UR22mkII CD-ROM.

PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING

Please keep this manual in a safe place for future reference.

WARNING

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following:

Do not open

- This device contains no user-serviceable parts. Do not open the device or attempt to disassemble the internal parts or modify them in any way. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified Yamaha service personnel.

Water warning

- Do not expose the device to rain, use it near water or in damp or wet conditions, or place on it any containers (such as vases, bottles or glasses) containing liquids which might spill into any openings. If any liquid such as water seeps into the device, turn off the power of the amplifier immediately and unplug the USB cable from the computer. Then have the device inspected by qualified Yamaha service personnel.
- Never insert or remove an electric plug with wet hands.

Hearing loss

- Do not use headphones for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician.
- When turning on the AC power in your audio system, always turn on the power amplifier LAST, to avoid hearing loss and speaker damage. When turning the power off, the power amplifier should be turned off FIRST for the same reason.

Fire warning

- Do not place any burning items or open flames near the device, since they may cause a fire.

If you notice any abnormality

- If any of the following problems occur, immediately unplug the USB cable from the computer.
 - Unusual smells or smoke are emitted.
 - Some object has been dropped into the device.
 - There is a sudden loss of sound during use of the device.
 - Cracks or other visible damage appear on the device.Then have the device inspected or repaired by qualified Yamaha service personnel.
- If this device should be dropped or damaged, immediately turn off the power switch, disconnect the electric plug from the outlet, and have the device inspected by qualified Yamaha service personnel.

CAUTION

Always follow the basic precautions listed below to avoid the possibility of physical injury to you or others, or damage to the device or other property. These precautions include, but are not limited to, the following:

Location

- Do not place the device in an unstable position where it might accidentally fall over and cause injuries.
- Do not place the device in a location where it may come into contact with corrosive gases or salt air. Doing so may result in malfunction.
- Before moving the device, remove all connected cables.

Connections

- Before connecting the device to other devices, unplug the USB cable from the computer. Also, before turning the power of all devices on or off, make sure that all volume levels are set to the minimum. Failing to do so may result in electric shock, hearing loss, or equipment damage.

Maintenance

- Remove the USB cable from a computer when cleaning the device.

Handling caution

- Do not rest your weight on the device or place heavy objects on it, and avoid use excessive force on the buttons, switches or connectors to prevent injuries.

Yamaha cannot be held responsible for damage caused by improper use or modifications to the device, or data that is lost or destroyed.

NOTICE

To avoid the possibility of malfunction/ damage to the product, damage to data, or damage to other property, follow the notices below.

■ Handling and maintenance

- Do not use the device in the vicinity of a TV, radio, home audio/video equipment, mobile phone, or other electric devices. Otherwise, the device, TV, or radio may generate noise.
- Do not expose the device to excessive dust or vibration, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day), in order to prevent the possibility of panel discoloration, unstable operation, or damage to the internal components.
- Do not place vinyl, plastic or rubber objects on the device, since this might discolor the panel.
- When cleaning the device, use a dry and soft cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths.
- Condensation can occur in the device due to rapid, drastic changes in ambient temperature—when the device is moved from one location to another, or air conditioning is turned on or off, for example. Using the device while condensation is present can cause damage. If there is reason to believe that condensation might have occurred, leave the device for several hours without turning on the power until the condensation has completely dried out.
- This disk containing the software is not meant for use with an audio/visual system (CD player, DVD player, etc.). Do not attempt to use the disk on equipment other than a computer.
- Always unplug the USB cable from a computer or turn off the computer when the device is not in use.

■ Connectors

- XLR-type connectors are wired as follows (IEC60268 standard): pin 1: ground, pin 2: hot (+), and pin 3: cold (-).

Information

■ About copyrights

- The software included in the TOOLS for UR22mkII CD-ROM and the copyrights thereof are under exclusive ownership by Yamaha Corporation.
- This manual is the exclusive copyrights of Yamaha Corporation.
- Copying of the software or reproduction of this manual in whole or in part by any means is expressly forbidden without the written consent of the manufacturer.
- This product incorporates and bundles computer programs and contents in which Steinberg Media Technologies GmbH and Yamaha Corporation own copyrights or with respect to which it has license to use others' copyrights. Such copyrighted materials include, without limitation, all computer software, style files, MIDI files, WAVE data, musical scores and sound recordings. Any unauthorized use of such programs and contents outside of personal use is not permitted under relevant laws. Any violation of copyright has legal consequences. DON'T MAKE, DISTRIBUTE OR USE ILLEGAL COPIES.

■ About this manual

- The illustrations and LCD screens as shown in this manual are for instructional purposes only.
- Steinberg Media Technologies GmbH and Yamaha Corporation make no representations or warranties with regard to the use of the software and documentation and cannot be held responsible for the results of the use of this manual and the software.
- Windows is a registered trademark of Microsoft® Corporation in the United States and other countries.
- Apple, Mac, iOS and iPad are trademarks of Apple Inc., registered in the U.S. and other countries.
- Steinberg and Cubase are registered trademarks of Steinberg Media Technologies GmbH.
- The company names and product names in this manual are the trademarks or registered trademarks of their respective companies.
- Software may be revised and updated without prior notice.

The model number, serial number, power requirements, etc., may be found on or near the name plate, which is at the bottom of the unit. You should note this serial number in the space provided below and retain this manual as a permanent record of your purchase to aid identification in the event of theft.

Model No.

Serial No.

(bottom_en_01)

Information for Users on Collection and Disposal of Old Equipment



This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery and recycling of old products, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC.

By disposing of these products correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

[For business users in the European Union]

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

[Information on Disposal in other Countries outside the European Union]

This symbol is only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

(weee_battery_eu_en_01)

Package Contents

The package of this product contains the following items. After opening the package, make sure that it includes everything listed below.

- **UR22mkII Main unit**
- **TOOLS for UR22mkII CD-ROM**
- **Getting Started (this book)**
- **CUBASE AI DOWNLOAD INFORMATION (printed)**
- **USB cable**

Disk Contents

The TOOLS for UR22mkII CD-ROM contains the following.

Yamaha Steinberg USB Driver

This software allows communication between the device and a computer. Make sure to install it before initially using the device.

Operation Manual (PDF)

The files are in the folder [Documentation], and are separated by language. Drag and drop the file onto the desktop.

File name

UR22mkII_OperationManual_en

NOTE

To view PDF files, you need to install Adobe Reader on your computer. You can download the latest version at the following website.
<http://www.adobe.com/>

Manuals

Getting Started (this book)

Read this manual when setting up the device. After finishing the setup as indicated in this manual, read the Operation Manual.

Operation Manual

This is included in the TOOLS for UR22mkII CD-ROM. Read through this manual to understand how to use the features of the product.

Conventions in this manual

Windows or Mac

When the procedures or explanations are specific to only one of the platforms, Windows or Mac, this is properly indicated in the manual. When the platforms do not appear, procedures or explanations are for both Windows and Mac.

Procedures

An arrow “→” is shown for some procedures in the manual. For example, the string [Devices] → [Device Setup] → [Control Panel] indicates that you should perform the procedures in the following order.

1. Click the [Devices] menu.
2. Select the [Devices Setup] option.
3. Click the [Control Panel] button.

Cubase

The phrase “Cubase” in this manual applies to all Cubase programs and versions (except Cubase LE). If a specific version is indicated, the version is described in the text.

Screens

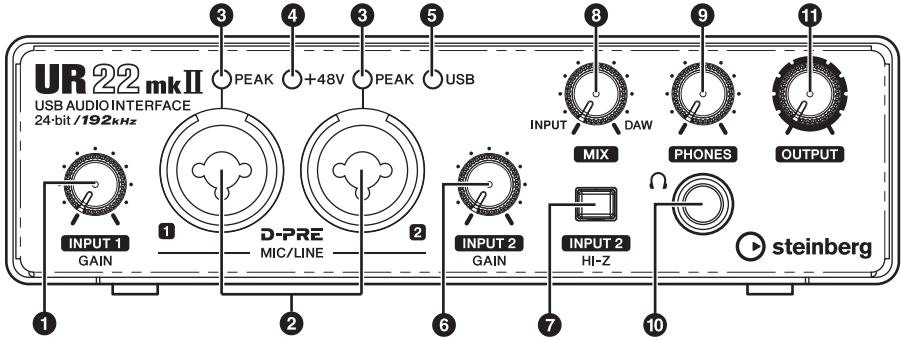
This manual predominantly uses screenshots of Windows. However, Mac screenshots are used when instructions of the function apply only to the Mac. Also, this manual uses screenshots of Cubase Pro 8. If you are using another version of Cubase, the actual screenshots might not be the same. For details, refer to the Cubase manuals (PDF) opened from the [Help] menu.


Version information

The letters “x.x.x” and “x.xx” indicate the version number.

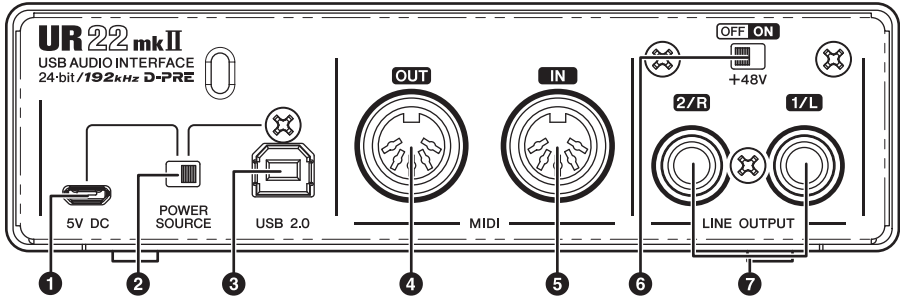
Panel Controls and Terminals

Front Panel



- ❶ [INPUT 1 GAIN] knob
- ❷ [MIC/LINE 1/2] jacks
- ❸ [PEAK] indicator
- ❹ [+48V] indicator
- ❺ [USB] indicator
- ❻ [INPUT 2 GAIN] knob
- ❼ [INPUT 2 HI-Z] switch
- ❽ [MIX] knob
- ❾ [PHONES] knob
- ❿ [PHONES ] jack
- ⓫ [OUTPUT] knob

Rear Panel



- ❶ [5V DC] port
- ❷ [POWER SOURCE] switch
- ❸ [USB2.0] terminal
- ❹ [MIDI OUT] jack
- ❺ [MIDI IN] jack
- ❻ [+48V] switch
- ❼ [LINE OUTPUT 2/R 1/L] jacks

Power supply

The UR22mkII is a bus-powered type device which can be powered by the host computer connected via a USB cable. The power automatically turns on when the device is connected to the computer via a USB cable and turns off when the device is disconnected from the computer.

WARNING

When turning on the AC power in your audio system, always turn on the power amplifier LAST. When turning the power off, the power amplifier should be turned off FIRST.

HINT

Connecting to an iPad

The power also can be supplied via a USB power adapter or USB mobile battery from the [5V DC] port at the rear panel. The [5V DC] port is used only for power supply. The [USB 2.0] terminal is also used for transferring digital audio data.

Setting Up

The following two setup procedures are required before you can use the device with a computer.

- 1. Installing Yamaha Steinberg USB Driver**
- 2. Downloading Cubase AI**

NOTE

Installing the Yamaha Steinberg USB Driver is not necessary when connecting the device to an iPad.

1. Installing Yamaha Steinberg USB Driver

Follow the steps below to install the Yamaha Steinberg USB Driver.

NOTE

- You are only permitted to use this software pursuant to the terms and conditions of the "License Agreement" shown during the installation.
- Future upgrades of application and system software and any changes in specifications and functions will be announced at the following website.
<http://www.steinberg.net/>

Windows

- 1. Disconnect all USB devices other than the mouse and keyboard from the computer.**
- 2. Start the computer and log on to the Administrator account.**
Exit any open applications and close all open windows.
- 3. Insert the TOOLS for UR22mkII CD-ROM into the CD-ROM drive.**

- 4. Open the CD-ROM then double-click [setup.exe].**
- 5. Follow the on-screen instructions to install the software.**
- 6. When installation has been completed, click [Finish].**
If a window requiring you to restart your computer appears, follow the onscreen instructions and restart the computer.
- 7. Connect the device directly to the computer by using the included USB cable.**
Make sure not to connect it to a USB hub.
- 8. Confirm that the [USB] indicator of the device is lit.**

NOTE

If the computer or iPad does not recognize the device, the [USB] indicator flashes continuously.

Installation of the Yamaha Steinberg USB Driver is now complete.

Mac

- 1. Disconnect all USB devices other than the mouse and keyboard from the computer.**
- 2. Start the computer and log in to the Administrator account.**
Exit any open applications and close all open windows.
- 3. Insert the TOOLS for UR22mkII CD-ROM into the CD-ROM drive.**
- 4. Open the CD-ROM then double-click [Yamaha Steinberg USB Driver V***.pkg].**
*** represents the version number.
- 5. Follow the on-screen instructions to install the software.**

- 6. When installation has been completed, click [Restart] to restart the computer.**
- 7. Connect the device directly to the computer by using the included USB cable.**

Make sure not to connect it to a USB hub.
- 8. Confirm that the [USB] indicator of the device is lit.**

NOTE

If the computer or iPad does not recognize the device, the [USB] indicator flashes continuously.

Installation of the Yamaha Steinberg USB Driver is now complete.

2. Downloading Cubase AI

We are offering Cubase AI as a free download via our website, specifically for customers who have purchased the UR22mkII. In order to download the software, you'll need to first create a MySteinberg account in the Steinberg website. For the latest information, see the Steinberg website below.

<http://www.steinberg.net/getcubaseai/>

NOTE

A valid "Download access code" is required for Cubase AI download. It is printed on the included CUBASE AI DOWNLOAD INFORMATION.

The setup is now complete.

After setup is complete

For detailed instructions and information on the functions of the product, read the Operation Manual included in the TOOLS for UR22mkII CD-ROM.

Appendix

Uninstalling Yamaha Steinberg USB Driver

Windows

- 1. Disconnect all USB devices other than the mouse and keyboard from the computer.**
- 2. Start the computer and log on to the Administrator account.**
Exit any open applications and close all open windows.
- 3. Open the window for the uninstall operation as follows.**
Select [Control Panel] → [Uninstall a Program] to call up the [Uninstall or change a program] panel.
- 4. Select [Yamaha Steinberg USB Driver] from the list.**
- 5. Click the [Uninstall] / [Uninstall / Change].**
If the [User Account Control] window appears, click [Continue] or [Yes].
- 6. Follow the on-screen instructions to remove the software.**


Uninstalling Yamaha Steinberg USB Driver is now complete.

Mac

- 1. Disconnect all USB devices other than the mouse and keyboard from the computer.**
- 2. Start the computer and log in to the Administrator account.**
Exit any open applications and close all open windows.
- 3. Insert the TOOLS for UR22mkII CD-ROM into the CD-ROM drive.**
- 4. Open the CD-ROM then double-click [Uninstall Yamaha Steinberg USB Driver].**
- 5. Click [Run] when the “Welcome to the Yamaha Steinberg USB Driver uninstaller.” message appears.**
After that, follow the on-screen instructions to uninstall the software.
- 6. Click [Restart] when the “Uninstallation completed.” message appears.**
- 7. When the message prompting you to restart your computer appears, click [Restart].**

Uninstalling Yamaha Steinberg USB Driver is now complete.

Technical Specifications

MIC INPUT 1/2 (Balanced)	
Frequency Response	+0.1/-0.3 dB, 20 Hz – 22 kHz
Dynamic Range	101 dB, A-Weighted
THD+N	0.0035 %, 1 kHz, -1 dBFS, 22 Hz/22 kHz BPF
Maximum Input Level	+4 dBu
Input Impedance	4 kΩ
Gain Range	+6 dB – +60 dB
LINE INPUT 1/2 (Balanced)	
Maximum Input Level	+24 dBu
Input Impedance	20 kΩ
Gain Range	-14 dB – +40 dB
HI-Z INPUT 2 (Unbalanced)	
Maximum Input Level	+8.5 dBV
Input Impedance	1 MΩ
Gain Range	-0.7 dB – +53.3 dB
LINE OUTPUT 1/L 2/R (Impedance balanced)	
Frequency Response	+0.1/-0.3 dB, 20 Hz – 22 kHz
Dynamic Range	104 dB, A-Weighted
THD+N	0.005 %, 1 kHz, -1 dBFS, 22 Hz/22 kHz BPF
Maximum Output Level	+10 dBu
Output Impedance	150 Ω
PHONES	
Maximum Output Level	6 mW+6 mW, 40 Ω
USB	
Specification	USB2.0, 24 bit, 44.1 kHz/48 kHz/88.2 kHz/96 kHz/176.4 kHz/192 kHz
XLR INPUT	
Polarity	 <ul style="list-style-type: none"> 1: Ground 2: Hot (+) 3: Cold (-)

General Specifications

Power Requirements	2.5 W
Dimensions	159 (W) × 46 (H) × 159 (D) mm
Net weight	1030 g
Operating Free-air Temperature Range	0 – 40 °C
Included Accessories	<ul style="list-style-type: none"> • TOOLS for UR22mkII CD-ROM • Getting Started (brochure) • CUBASE AI DOWNLOAD INFORMATION (printed) • USB Cable

The contents of this manual apply to the latest specifications as of the printing date. Since Steinberg/Yamaha makes continuous improvements to the product, this manual may not apply to the specifications of your particular product. To obtain the latest manual, access the Steinberg website then download the manual file. Since specifications, equipment or separately sold accessories may not be the same in every locale, please check with your Steinberg/Yamaha dealer.

Steinberg Website
<http://www.steinberg.net/>

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