

Operation Manual GB

Benutzerhandbuch D

Fonctions Détaillées F

Manual de Operaciones E

Manuale Operativo IT

オペレーションマニュアル J

# USB AUDIO INTERFACE **CI 1**



EN  
DE  
FR  
ES  
IT  
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 : C11

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)

이 기기는 가정용(B급)으로 전자파적합등록을  
한 기기로서 주로 가정에서 사용하는 것을 목적  
으로 하며, 모든 지역에서 사용할 수 있습니다.

# 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

- Do not open the device or attempt to disassemble the internal parts or modify them in any way. The device contains no user-serviceable parts. 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 containers on it containing liquids which might spill into any openings. If any liquid such as water seeps into the device, unplug the USB cable from this device immediately. Then have the device inspected by qualified Yamaha service personnel.
- Never insert or remove a USB cable with wet hands.

#### Fire warning

- Do not put burning items, such as candles, on the unit. A burning item may fall over and cause a fire.



### 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 expose the device to excessive dust or vibrations, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration or damage to the internal components.
- Do not use the device in the vicinity of a TV, radio, stereo equipment, mobile phone, or other electric devices. Otherwise, the device, TV, or radio may generate noise.
- Do not place the device in an unstable position where it might accidentally fall over.
- Before moving the device, remove all connected cables.

#### Connections

- Before connecting the device to other electronic components, turn off the power for all components. Before turning the power on or off for all components, set all volume levels to minimum. Also, be sure to set the volumes of all components at their minimum levels and gradually raise the volume controls while playing the device to set the desired listening level.

#### Maintenance

- When cleaning the device, use a soft, dry cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths.

### Handling caution

- When turning on the AC power in your audio system, always turn on monitor speakers LAST, to avoid speaker damage. When turning the power off, monitor speakers should be turned off FIRST for the same reason.
- Do not insert a finger or hand in any gaps on the device.
- Never insert or drop paper, metallic, or other objects into the gaps on the panel. If this happens, unplug the USB cable from this device immediately. Then have the device inspected by qualified Yamaha service personnel.
- Do not place vinyl, plastic or rubber objects on the device, since this might discolor the panel.
- Do not rest your weight on, or place heavy objects on the device, and do not use excessive force on the buttons, switches or connectors.
- Do not use the instrument/device or 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.

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

Always unplug the USB cable from a computer or turn off the computer to turn off the device when the device is not in use.

### NOTICE

- This manual is the exclusive copyrights of Yamaha Corporation.
- Use of the software and this manual is governed by the license agreement which the purchaser fully agrees to upon breaking the seal of the software packaging. (Please read carefully the Software Licensing Agreement at the end of this manual before installing the application.)
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- Yamaha Corporation makes 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.
- Future upgrades of application and system software and any changes in specifications and functions will be announced separately.
- The screen displays as illustrated in this manual are for instructional purposes, and may appear somewhat different from the screens which appear on your computer.
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- This product incorporates and bundles computer programs and contents in which Steinberg Media Technologies GmbH and Yamaha Corporation owns 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.
- Copying of the commercially available musical data including but not limited to MIDI data and/or audio data is strictly prohibited except for your personal use.
- Windows is a registered trademark of Microsoft® Corporation in the United States and other countries.
- Apple, Mac and Macintosh are trademarks of Apple Inc., registered in the U.S. and other countries.
- The company names and product names in this manual are the trademarks or registered trademarks of their respective companies.

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# Introduction

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Thank you for your purchase of the USB AUDIO INTERFACE CI1. The CI1 is a highly intuitive, indispensable aid in recording. Simply install the included software, then connect the CI1 to your computer via USB—and enjoy a simple yet powerful environment for complete music production.

Please read the Operation Manual (this book) so that you can take full advantage of its superlative features and enjoy trouble-free operation for years to come. Also keep it in a safe place for future reference.

## Features

### ■ USB bus-powered

The CI1 can be simply connected to a USB terminal on your computer and can operate on USB bus power.

### ■ Phantom power (+48V) can be used

Phantom power can be supplied to two analog input jacks (XLR type).

### ■ Compatible with Core Audio (Mac OS X) and ASIO/WDM (Windows)

Using with a Core Audio/ASIO compatible DAW software application such as Cubase helps to reduce latency (sound delay).

### ■ Sequel LE/WaveLab LE DAW Software Supplied

Sequel LE/WaveLab LE software, included in this package, offers versatile, high-performance hard-disk recording capability, editing, sound shaping, and mastering.

## Package Contents

The CI1 package contains the following items. After opening the CI1 package, make sure that it includes all of the items listed below.

- CI1
- CI1 Operation Manual (this book)
- TOOLS for CI1 CD-ROM
- STEINBERG SOFTWARE PACKAGE FOR CI1 DVD-ROM
- USB Cable

#### NOTE

For Sequel LE/WaveLab LE, documentation is supplied as a file. You can open this file by selecting the corresponding option on the [Help] menu of Sequel LE/WaveLab LE.

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

## About the Included Disks

### Disk Contents

Each of the included disks contains the following software (driver).

#### TOOLS for C11 CD-ROM

- Yamaha Steinberg USB Driver

#### STEINBERG SOFTWARE PACKAGE FOR C11 DVD-ROM

- Sequel LE
- WaveLab LE

### Special Notices



#### CAUTION

- Steinberg and Yamaha make no representations or warranties with regard to any problems while attempting to copy the disks or software and cannot be held responsible for the results of attempts to copy the data.
- These disks are NOT for audio/visual purposes. Do not attempt to play the disks on a CD/DVD player. Doing so may result in irreparable damage to your audio CD/DVD player.

#### IMPORTANT

- Before breaking the seal of TOOLS for C11 disk packages, please read carefully the Software License Agreement on page 21 of this manual. By opening this disk packages, you indicate your agreement with the use terms of the software and concurrence with the Software License Agreement.
- Yamaha Steinberg USB Driver included in the TOOLS for C11 and the copyrights thereof are under exclusive ownership by Yamaha.
- The software included in the STEINBERG SOFTWARE PACKAGE FOR C11 DVD-ROM and the copyrights thereof are under exclusive ownership by Steinberg Media Technologies GmbH.
- Copying/reproduction of the software in whole or in part by any means is expressly forbidden without the written consent of the manufacturer.
- For the latest information of the software contained in the accessory disk, please see the site below:
- Future upgrades of application and system software and any changes in specifications announced separately on the website.  
[http://service.steinberg.de/goto.nsf/show/supportupdates\\_c11\\_gb](http://service.steinberg.de/goto.nsf/show/supportupdates_c11_gb)

## System Requirements for Software

The system requirements below are necessary for installing software included in the accessory disks (TOOLS for C11 and STEINBERG SOFTWARE PACKAGE FOR C11).

### Windows

<b>OS:</b>	Windows XP Professional (SP3)/ Windows XP Home Edition (SP3)/ Windows Vista (SP1 or later, 32-bit/64-bit*)/ Windows 7 (32-bit/64-bit*)
<b>CPU:</b>	2GHz or more (dual core CPU recommended)
<b>Memory:</b>	1GB or more
<b>Display Resolution:</b>	1280 x 800 — full color
<b>Interface:</b>	Equipped with a USB terminal
<b>Hard Disk:</b>	Free disk space of 1GB or more; high-speed hard disk

\* Sequel LE and WaveLab LE run as a 32-bit application on Windows Vista 64-bit and Windows 7 64-bit.

## Mac OS X

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<b>OS:</b>	Mac OS X 10.5.5 or later/ Mac OS X 10.6.x
<b>CPU:</b>	Intel processor
<b>Memory:</b>	1GB or more
<b>Display Resolution:</b>	1280 x 800 — full color
<b>Interface:</b>	Equipped with a USB terminal
<b>Hard Disk:</b>	Free disk space of 1GB or more; high-speed hard disk

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### NOTE

- A DVD drive is required for installation.
- User registration for the software included in STEINBERG SOFTWARE PACKAGE FOR CI1 requires an Internet connection.
- Note that the system requirements may be slightly different from those described above depending on the particular operating system.
- The audio input and output functions of the CI1 also work properly on Mac OS X 10.4.11. Install TOOLS for CI1 to use the functions.

## About the power supply

### Power supply

The power of the CI1 is supplied only from the computer via a USB cable. A power cable is not necessary.

### Precautions when using the USB terminal

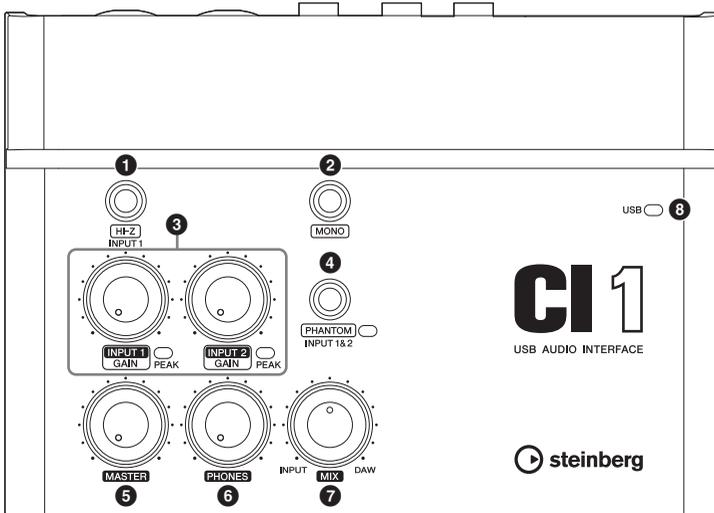
Be sure to observe the following points when connecting to the computer's USB interface. Failing to do so may result in the computer freezing or shutting down, as well as corruption or even loss of data. If the device or computer does freeze, restart the application or computer.

### NOTICE

- **Be sure to wake the computer from sleep/suspended/standby mode before making a connection to the computer's USB terminal.**
- **Always quit all applications running on the computer before connecting or disconnecting the USB cable.**
- **When connecting or disconnecting the USB cable, be sure to set the MASTER control to the minimum.**
- **Wait at least 6 seconds between connecting or disconnecting the USB cable.**

# The Controls and Connectors

## Front Panel



### 1 [HI-Z INPUT 1] button

This button switches the HI-Z on (☐)/off (■) for the analog input jack 1. When directly connecting an electric guitar or electric bass that has passive pickups and no built-in preamp to the analog input jack 1, turn the [HI-Z] button on.

#### NOTE

- Use an unbalanced phone cable when you connect an electric guitar or electric bass and turn the [HI-Z] button on. If you use a balanced cable or an XLR cable in such a case, this device will not work correctly.
- If no device is connected to analog input jack 1, turn this button off. Otherwise noise may occur.

### 2 [MONO] button

This button allows analog input jacks 1 and 2 to be used either as separate mono channels or as a stereo pair. When the button is on (☐), analog input jacks 1 and 2 function as independent mono channels feeding both the L and R LINE OUT jacks. It is used to monitor the sound of the microphone or guitar connected to the analog input jack 1 in the center of the monitor speakers. When the button is off (■), analog input jack 1 and 2 function as a stereo pair: the analog input jack 1 signal feeds the L LINE OUT jack and the analog input jack 2 signal feeds the R LINE OUT jack. Switching this button on/off does not affect the signal sent to the computer.

### ③ INPUT 1/2 GAIN controls/PEAK Indicator

Adjusts the input signal level. The signal that has passed through the GAIN control will be sent to the computer. To achieve the best balance of the recording level between S/N ratio and dynamic range, adjust the level so that the PEAK Indicator lights only occasionally and briefly on the highest input transients.

### ④ [PHANTOM INPUT 1&2] button/Indicator

This button switches the phantom power (+48V) on (☐)/off (■). If you turn the button on, the CI1 supplies phantom power to the analog input jack 1 and 2 (XLR-type). The indicator lights when the button is turned on. Turn this button on when using a phantom-powered condenser microphone.



#### CAUTION

- **Make sure that phantom power is turned OFF unless it is needed.**
- **When turning phantom power ON, make sure that no equipment other than phantom-powered devices such as condenser microphones are connected. Devices other than condenser microphones may be damaged if connected to the phantom power supply. Note, however, that the switch may be left on when connecting to balanced dynamic microphones. When connecting an unbalanced device to the analog input jacks (1/4" phone type) and phantom power is turned on, hum or noise may result; this is not a malfunction or failure in the device.**
- **Do not connect or disconnect a device while phantom power is applied. Doing so can damage the connected device and/or the unit itself.**
- **To protect your speaker system, leave the monitor speakers (powered speakers) turned off when switching the phantom power on/off. It's also a good idea turn all master control and output volume controls down to minimum. Neglect of these precautions may result in large noise bursts that may damage your equipment, your ears, or both.**

### ⑤ MASTER control

Adjusts the signal level sent to the LINE OUT jacks. This allows you to adjust the overall volume without changing the relative volume balance among the channels. This control does not affect the signal sent to the computer.

### ⑥ PHONES control

Adjusts the signal level sent to the PHONES jack, since this output signal is not affected by the MASTER control.

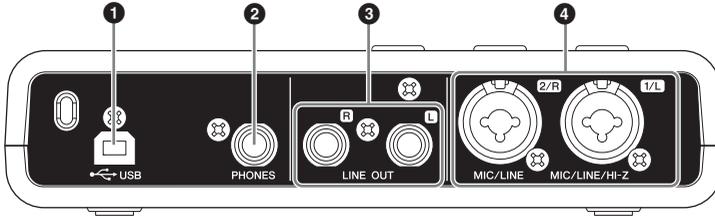
### ⑦ MIX control (INPUT—DAW)

Adjusts the signal level balance between the signal from the analog input jacks and the signal from an application software, such as DAW. This control does not affect the signal sent to the computer.

### ⑧ USB Indicator

This indicator shows the communication state of CI1 and computer. The indicator lights when the CI1 is connected to the computer via a USB cable and communication with the computer is enabled.

## Rear Panel



### 1 USB terminal

This terminal is used to connect the CI1 and the computer by using the included USB cable.

### 2 PHONES jack

A pair of headphones can be plugged in here. This jack outputs the mixed signal from the analog input jacks and the signal from a DAW or other audio software. The output level can be adjusted using the PHONES control. This output signal is not affected by the MASTER control.

### 3 LINE OUT jacks L/R

These jacks would typically be connected to monitor speakers (powered speakers). These jacks output the mixed signal from the analog input jacks and the signal from a DAW or other audio software. The output level can be adjusted using the MASTER control.

#### NOTE

The volume balance between the analog input signal and the application software like DAW output signal can be adjusted using the MIX control.

### 4 MIC/LINE/2/R jack 1/L (analog input jack 1)/ MIC/LINE jack 2/R (analog input jack 2)

Microphones and instruments such as guitars can be connected here using XLR or phone jack cables. The signal received by these jacks is sent to the LINE OUT jacks and computer.

#### NOTE

You can directly connect an electric guitar or electric bass without the need for a separate DI box or amp simulator to analog input jack 1. In this case, turn on ( ) the [HI-Z] button on the front panel. Make sure to use an unbalanced phone cable when you connect an electric guitar or electric bass. If you use a balanced cable, it will not work correctly.

# Software Installation

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To use the C11, you must first install the software on the computer. This section explains the software installation. Install Sequel LE/WaveLab LE in the STEINBERG SOFTWARE PACKAGE FOR C11 DVD-ROM, then install the Yamaha Steinberg USB Driver in the TOOLS for C11 CD-ROM.

## NOTE

Before installing the software, confirm the "System Requirements for Software" on page 7. The latest information (e.g. OS compatibility, software update, etc.) is available on the following Steinberg website.  
<http://www.steinberg.net/en/support.html>

## Installing Sequel LE/ WaveLab LE

To install the Sequel LE/WaveLab LE, there are two steps:

- Software installation
- User registration

## NOTE

The "User registration" requires an Internet connection.

### Software installation

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Install the software using the STEINBERG SOFTWARE PACKAGE FOR C11 DVD-ROM. Follow the instructions below.

- 1. Start the computer and log on to the Administrator account.**
- 2. Insert the STEINBERG SOFTWARE PACKAGE FOR C11 DVD-ROM into the DVD-ROM drive.**
- 3. When the "WELCOME TO SEQUEL LE AND WAVELAB LE" window appears, click the corresponding national flag icon to choose your preferred language.**

## NOTE

If this window does not appear automatically, open the DVD-ROM then double-click the file "C11 Start Center."

- 4. Click "Install (software name)."**
- 5. Follow the onscreen instructions to install the software.**

### User registration

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Register your personal information on "MySteinberg" in the Steinberg website. See the following website for details.  
<https://www.steinberg.net/en/mysteinberg.html>

Installation for Sequel LE/WaveLab LE is now complete.

## Installing TOOLS for CI1

TOOLS for CI1 consists of software component: Yamaha Steinberg USB Driver. Yamaha Steinberg USB Driver enables communication between the CI1 and your computer. The TOOLS for CI1 Installer installs this software component. Follow the instructions below to install the component.

**Windows:** ..... page 13

**Mac OS X:** ..... page 15

### Windows

#### Preparing to install 1

1. **Disconnect all the 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.

#### Preparing to install 2 (Windows XP only)

For Windows Vista/Windows 7 users, this setting is not necessary. Go on to step 6.

3. **Select [Start] → ([Settings] →) [Control Panel], click “Switch to Classic View” in the upper left of the window.**

#### **NOTE**

After completing the installation, make sure to restore the original settings if necessary.

4. **Go to [System] → [Hardware] → [Driver Signing] → [Driver Signing Options], and select the radio button to the left of “Ignore – Install the software anyway and don't ask for my approval” and click [OK].**

#### **NOTE**

After completing the installation, make sure to restore the original settings if necessary.

5. **Close the System Properties window by clicking the [OK] button or the Close button ([X]) to close the Control Panel.**

### Software Installation

6. **Insert the TOOLS for CI1 CD-ROM into the CD-ROM drive.**

7. **Open the CD-ROM, then double-click the file “setup.exe.”**

A “Welcome to the InstallShield Wizard for Yamaha Steinberg USB Driver” window appears.

(Windows Vista/Windows 7)

If the “User Account Control” window appears, click [Continue] or [Yes].

8. **Click [Next] to start the installation.**

To cancel the installation, click [Cancel].

9. **When a message appears indicating that the software has been installed, click [Finish].**

10. **When a window appears requiring you to restart your computer, follow the on-screen instructions to restart the computer.**

11. **Connect the CI1 directly to the computer (without using a hub) by using the included USB cable.**

## Initial settings of driver (Windows XP only)

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For Windows Vista/Windows 7 users, the initial settings of the driver are set automatically. Go on to step 15.

### 12. The “Found New Hardware Wizard” window appears.

Some computers may take a while to display the window.

A dialog box may appear asking you whether you wish to connect to Windows Update. In this case, select the radio button to the left of “Not at this time,” then click [Next].

### 13. Select the radio button next to “Install the software automatically” then click [Next].

If a message “The software you are installing has not passed Windows Logo Testing” appears, click [Continue Anyway]. You do not need to abort the installation.

### 14. When a message appears indicating that the installation has been completed, click [Finish].

### 17. Click on the [+] mark or [>] mark next to “Sound, video and game controllers,” and confirm that “Steinberg C11” is listed.

The installation is now complete.

## Confirming the installation

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### 15. Select [Control Panel] from the Start menu.

### 16. Open the Device Manager window as follows.

(Windows Vista/Windows 7)

Select [Hardware and Sound], then click [Device Manager].

If the “User Account Control” window appears, click [Continue] or [Yes].

(Windows XP)

Double-click on the System icon to call up the System Properties window, then select the Hardware tab and click [Device Manager].

## Mac OS X

### Software Installation

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1. **Disconnect all the devices other than the mouse and keyboard from the computer.**
2. **Insert the TOOLS for CI1 CD-ROM into the CD-ROM drive of your computer.**
3. **Open the CD-ROM, then double-click the file “Yamaha Steinberg USB Driver.mpkg.”**

4. **A dialog box appears asking if you want to install the software. Click [Continue].**

The “Welcome to the Yamaha Steinberg USB Driver Installer” window appears.

5. **Click [Continue].**

The “Installation Type” window appears

6. **Click [Install].**

The “Authenticate” window appears.

7. **Enter the Administrator name and the password, then click [OK].**

A message appears prompting you to restart the computer after the installation.

8. **Click [Continue Installation]**

The “Install” window appears indicating the installation progress. When the installation is complete, the “Summary” window appears.

9. **Click [Restart] to restart the computer.**

10. **Connect the CI1 directly to the computer (without using a hub) by using the included USB cable.**

### Confirming the installation (Mac OS X 10.5)

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For Mac OS X 10.6 users, go on to step 13.

11. **From the hard disk to which the OS is installed (usually Macintosh HD), click [Applications] → [Utilities], then double-click [Audio MIDI Setup].**

The “Audio MIDI Setup” window appears.

12. **Click [Audio Devices], then select “Steinberg CI1” from the pull-down menu in [Properties For].**

The current audio settings are shown in the [Audio input] and [Audio Output] fields.

#### NOTE

By selecting “Steinberg CI1” for [Default Output] in System Settings, you can output audio signals of the system sounds and audio player software (e.g., iTunes, etc.) from the CI1.

The installation is now complete.

### Confirming the installation (Mac OS X 10.6)

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13. **From the hard disk to which the OS is installed (usually Macintosh HD), click [Applications] → [Utilities], then double-click [Audio MIDI Setup].**

The “Audio Devices” window appears.

14. **Select “Steinberg CI1” from the list of audio devices.**

The current audio settings are shown in the right side of the window.

#### NOTE

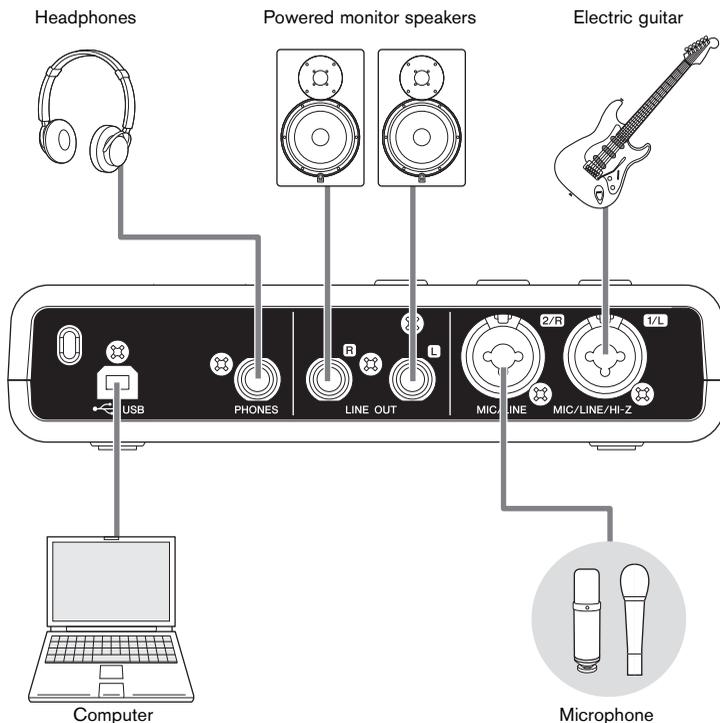
By selecting “using this device for sound output” in the Action menu at the left bottom of the window, you can output audio signals of audio player software (e.g., iTunes, etc.) from the CI1.

The installation is now complete.

# Connecting to an External Device

English

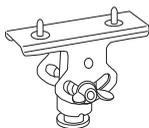
## Connection Examples



## Options

### Microphone stand adaptor

A Yamaha BMS-10A microphone stand adaptor can be attached to the underside of the CI1. The CI1 attached with the microphone stand adaptor can then be used with a conventional microphone stand.



BMS-10A

# Audio driver settings of the software

This section explains the audio driver setup with Sequel LE/WaveLab LE.

## Sequel LE

1. Start Sequel LE.
2. Click the [Program Setting Page] icon in the bottom left corner of the screen.
3. Click the right side of “Audio Connection” in the “Audio Settings” section, then select “Yamaha Steinberg USB ASIO (Windows)” or “Steinberg CI1 (Mac).”
4. When “Do you want to switch the ASIO driver?” window appears, click [Switch].

Setup is now complete.

For instructions on using Sequel LE, refer to the PDF manual, available from [Help] in the [File] menu on the upper left corner of the screen.

## WaveLab LE

1. Start WaveLab LE.
2. Select [Option] in the WaveLab menu, then click [Audio Streaming Settings].
3. Select “Yamaha Steinberg USB ASIO (Windows)” or “Steinberg CI1 (Mac)” from the list of Audio Devices.
4. Click [OK].

Setup is now complete.

For instructions on using WaveLab LE, refer to the manual, available from [Help] in the WaveLab menu.

### TIP

#### Setting the audio driver buffer size

Noise produced when using audio applications such as DAW software may affect audio recording and/or playback. In most cases, you can solve these problems by adjusting the audio driver buffer size (the size of memory used to temporarily hold data to avoid intermittent playback). The buffer size can usually be adjusted via the audio driver setup window in the application. (When using ASIO compatible software for Windows, the buffer size can be adjusted in the ASIO Buffer Size parameter via the Control Panel of the Yamaha Steinberg USB Driver.) While the higher buffer size reduces load to the computer CPU but produces latency (time lag) during recording/playback, the smaller buffer size may result in noise or the sound cutting off. Make sure to set the buffer size to an appropriate value depending on the performance of your computer, the number of audio/MIDI tracks being recorded/played back on the DAW software, the number of plug-in software, and so on.

For more information on this product, please visit the following Steinberg website:  
<http://www.steinberg.net/>

# Troubleshooting

## The power of the device does not turn on.

- **Make sure that the CI1 is properly connected to the computer via a USB cable.**  
The USB bus-power is necessary to use the CI1.
- **Confirm whether or not a proper USB cable is used.**  
If the USB cable is broken or damaged, have the USB cable replaced with a known working one. Use a USB cable no longer than 1.5 meters.
- **Connect the CI1 to a computer without a USB hub.**

## No sound.

- **Make sure that the MASTER/PHONES/MIX controls are set properly.**
- **Are your speaker cables connected properly?**  
Refer to "Connection Examples" on page 16.
- **Are your speaker cables shorted?**
- **Are the volume controls of your sources, audio devices, applications software, computer operating system, etc., set at appropriate levels?**
- **(Windows only) Is the output of your computer operating system muted?**
- **Do you have several applications running at the same time?**  
Be sure to quit all applications you are not using.

## Noise occurs, or the sound is intermittent or distorted.

- **Is the PEAK indicator flashing red?**  
You might have to lower GAIN control level to avoid distortion.
- **Does your computer satisfy the system requirements?**  
Refer to "System Requirements" on page 7.
- **Is the buffer size setting of the Yamaha Steinberg USB Driver set properly?**  
Refer to the "Setting the audio driver buffer size" on page 17.
- **Are any other applications, device drivers, or USB devices (scanners, printers, etc.) running at the same time?**  
Be sure to quit all applications you are not using.
- **Are you playing back a large number of audio tracks?**  
The number of tracks you can play at the same time will depend on the performance of the computer you are using. You may experience intermittent playback if you exceed your computer's capabilities.
- **Are you recording or playing long continuous sections of audio?**  
The audio data processing capabilities of your computer will depend on a number of factors including CPU speed and access to external devices.
- **Is the network adaptor running?**  
Disable the suspected network adaptor. Some network adaptors can cause noise.

# Uninstalling the TOOLS for CI1

To uninstall TOOLS for CI1, you must remove the following software component.

- Yamaha Steinberg USB Driver

## Windows

- 1. Disconnect all other USB devices except mouse and keyboard from the computer.**

- 2. 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.**

(Windows Vista/Windows 7)

From the Start menu, select [Control Panel] → [Uninstall a Program] to call up the "Uninstall or change a program" panel.

(Windows XP)

From the Start menu, select ([Settings] → ) [Control Panel] → [Add or Remove Programs] to display the Add or Remove Programs panel. Click "Change or Remove Programs" located in the upper left.

- 4. Select "Yamaha Steinberg USB Driver" from the list.**

- 5. Uninstall them as follows.**

(Windows Vista/Windows 7)

Click the [Uninstall]/[Uninstall/Change].

If the "User Account Control" window appears, click [Continue] or [Yes].

Follow the on-screen instructions to remove the software.

(Windows XP)

Click [Change/Remove]/[Remove].

Follow the on-screen instructions to remove the software.

## Mac OS X

- Remove the following folders and files from the boot disk (usually Macintosh HD).**

/System/Library/Extensions

YamahaSteinbergUSBAudio.kext

/Application/Yamaha/USBDriver/

Yamaha Steinberg USB Control Panel.app

/Library/PreferencePanes/

Yamaha Steinberg USB.prefPane

/Library/Preferences/

com.yamaha.YamahaSteinbergUSBDriver.plist

/Library/Audio/MIDI Drivers/

YamahaSteinbergUSBMIDI.plugin

/Library/Audio/MIDI Devices/Yamaha/Images/

USB\_1500.tiff

USB\_1502.tiff

/Library/Receipts/

YamahaSteinbergUSBAudioDriver.pkg

YamahaSteinbergUSBControlPanel.pkg

YamahaSteinbergUSBDriverplist.pkg

YamahaSteinbergUSBMIDIPlugIn.pkg

YamahaSteinbergUSBMIDIIcon.pkg

YamahaSteinbergUSBPrefPane.pkg

# Appendix

## Input and Output Specifications

Analog Input	Type	Input Level		
		Nominal Level	Maximum Level	Input Impedance
<b>MIC 1/L, 2/R</b>	XLR type, balanced +48V Phantom powered	-60dBu — -16dBu	-6dBu	3k $\Omega$
<b>HI-Z 1/L</b>	Phone type, unbalanced	-44dBu — 0dBu	+10dBu	500k $\Omega$
<b>LINE 1/L, 2/R</b>	TRS phone type, balanced	-34dBu — +10dBu	+20dBu	62k $\Omega$

Analog Output	Type	Output Level		
		Nominal Level	Maximum Level	Input Impedance
<b>LINE OUT L, R</b>	TRS phone type, impedance balanced	+4dBu	+10dBu	10k $\Omega$
<b>PHONES</b>	TRS phone type, stereo	3.6mW	6.0mW	40 $\Omega$

## General Specifications

<b>USB Terminal</b>	USB1.1, 44.1/48 kHz, 24bit, bus-powered
<b>Dimensions (W x H x D)</b>	W190 x H44.6 x D134.5 mm
<b>Net Weight</b>	640 g
<b>Included Accessories</b>	<ul style="list-style-type: none"> <li>▪ Operation Manual</li> <li>▪ TOOLS for CI1 CD-ROM</li> <li>▪ STEINBERG SOFTWARE PACKAGE FOR CI1 DVD-ROM</li> <li>▪ USB cable</li> </ul>

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