EDIROL by Roland

Read this first!

UA-4FX Owner's Manual

Check the contents of the package

The UA-4FX comes with the following items. When you open the package, check that you have all of these items. If any are missing, contact the dealer where you purchased the UA-4FX.

- **UA-4FX**
- **USB cable**
  Use this to connect the UA-4FX's USB connector to the USB connector of your computer. For details on connections, refer to **"You must install the driver first"** (p. 2). You must use the included USB cable.
- **UA-4FX CD-ROM**
  The CD-ROM contains a driver and VSC-DXi for using the UA-4FX.
- **SONAR LE CD-ROM**

* *You must read the separate license agreements before opening the included CD-ROM.*

* *Do not touch the underside (the data side) of the disc or allow it to be scratched. Doing so may make the data unreadable. If the disc gets dirty, use a commercially available CD cleaner to clean it.*

* *You must read the various Readme files on the CD-ROM. The most recent supplementary information will be included in the Readme files.*

* *Do not play back the CD-ROM in a conventional audio CD player. Doing so will produce a loud noise that may damage your hearing and your speakers.*

- **Read this first!**
  This is the manual you are reading. Be sure to read this before you begin using the UA-4FX. When using the UA-4FX, keep this at hand for reference.
- **Advanced operation**
  Read this when you want to learn how to use the UA-4FX's advanced capabilities.
- **License agreements**
  These license agreements grant you permission to use certain software whose copyrights are the property of Roland Corporation. You must read these before opening the CD-ROM package. The terms of the license may also be displayed in the course of installing the software; you must read these as well.

You will need to provide the following items yourself

- External amp, speakers, headphones, mic
- MD or DAT recorder, digital input/output cables, etc.

You must install the driver first

A **"driver"** is software that transfers data between the UA-4FX and application software running on your computer, when your computer and the UA-4FX are connected by a USB cable. The driver sends data from your application to the UA-4FX, and from the UA-4FX to your application.

The installation procedure will differ depending on your system.
Please proceed to one of the following sections, depending on the system you use.

Steps in which you operate the UA-4FX itself are indicated by a Operation of the UA-4FX symbol.

Driver installation and settings (Windows)

Driver installation

Windows XP/2000 users

1. With the UA-4FX disconnected, start up Windows.

Don't connect the UA-4FX to your computer until step 12 (p. 4).

* *Disconnect all USB cables except for a USB keyboard and USB mouse (if used).*

* *If you are using Windows XP Professional, you must log on using a user name with an administrative account type (e.g., Administrator). For details on user accounts, please consult the system administrator of your computer.*

2. Exit all currently running software (applications).

Also close any open windows. If you are using virus checking or similar software, be sure to exit it as well.

3. Prepare the CD-ROM.

Insert the CD-ROM into the CD-ROM drive of your computer.

* *If the screen indicates* ***"Windows can perform the same action each time you insert a disk or connect a device with this kind of file,"*** *click* ***[Cancel]****.*

4. Open **My Computer**.

Windows XP users:

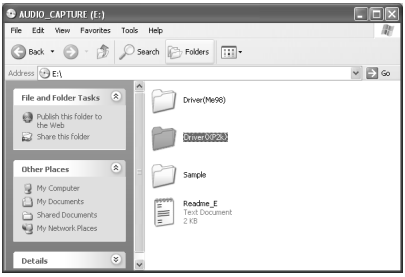
From the Windows **Start** menu, choose **My Computer**.

Windows 2000 users:

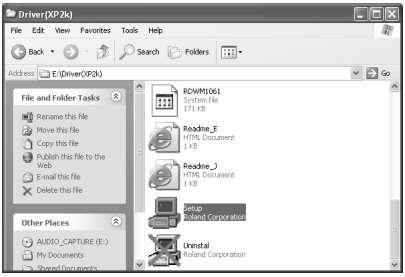
Double-click **My Computer** on your desktop.

5. Double-click **AUDIO_CAPTURE**.

6. Double-click **Driver(XP2k)**.



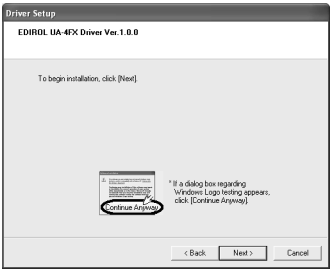
7. Double-click **Setup**.



8. The **Driver Setup** dialog box will appear.

Click **[Next]**.

9. To begin the installation, click **[Next]** once again. The installation will begin.



Windows XP users:

If the setting in the **Driver Signing Options** dialog box is anything other than "**Ignore**," a dialog box with a "!" or "x" symbol may appear. If the **[Continue]** button appears, click **[Continue]** to continue the installation. If you are unable to continue, click **[OK]** to cancel the installation, change the Driver Signing Options setting to **"Ignore"**, and then perform the procedure once again from step 1.

(Refer to ➔ Advanced operation "Driver Signing Options settings," p. 46)

Windows 2000 users:

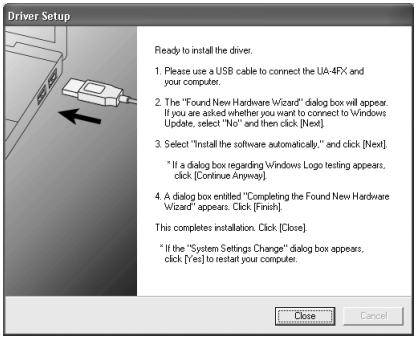
If the setting in the **Driver Signing Options** dialog box is not set to **"Ignore"**, a dialog box indicating **"Could not find digital signature"** may appear.

If the **[Yes]** button is shown, click **[Yes]** to proceed with the installation. If this button is not shown, click **[OK]** to cancel the installation, change the **Driver Signing Options** setting to "**Ignore**," and then perform the procedure once again from step 1.

(Refer to ➔ Advanced operation "Driver Signing Options settings," p. 46)

10. A dialog box indicating **"Ready to install the driver"** will appear.

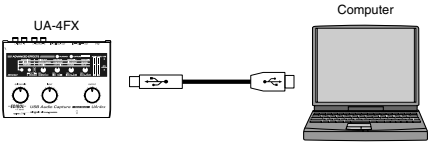
You are now ready to install the driver.



11. Operation of the UA-4FX Set the UA-4FX's **ADVANCED (Model select) switch** to the **ON** position.

* *The installation will not proceed as described below if the* ***ADVANCED (Mode select) switch*** *is turned* ***OFF****.*

12. Operation of the UA-4FX Use the **USB cable** to connect the **UA-4FX** to your **computer**.



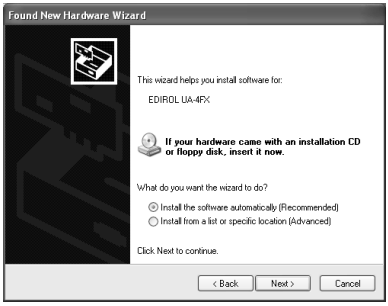
Your computer will indicate **"Found New Hardware"**. Please wait.

* *This unit is equipped with a protection circuit. A brief interval (a few seconds) after connecting the USB cable is required before the unit will operate normally.*

Windows XP users:

1. The **Found New Hardware Wizard** will appear.
   If the **Found New Hardware Wizard** asks whether you want to connect to Windows Update, choose **"No, ..."** and click **[Next]**.

2. Make sure that the screen indicates **"EDIROL UA-4FX "**, select **"Install the software automatically (Recommended)"**, and click **[Next]**.



* *In some cases a dialog box with a **"!"** symbol} may appear. Click **[Continue]** to continue the installation.*

Windows 2000 users:

In some cases a dialog box indicating **"Digital Signature Not Found"** may appear. If a **[Yes]** button is displayed, click **[Yes]** to continue with the installation.

13. The screen will indicate **"Completing the Found New Hardware Wizard"**.

Click **[Finish]**.

14. In the **Driver Setup** dialog box, click **[Close]**.

If the **System Settings Change** dialog box appears, click **[Yes]**.
Windows will restart automatically.

* *If this is not shown, you don't need to restart.*

Next, you need to make the driver settings.
(➔ **Driver settings** (p. 6))

Windows Me/98 users

1. With the UA-4FX disconnected, start up Windows.

Don't connect the UA-4FX to your computer until step 9.

2. Exit all currently running software (applications).

Also close any open windows. If you are using virus checking or similar software, be sure to exit it as well.

3. Prepare the CD-ROM.

Insert the CD-ROM into the CD-ROM drive of your computer.

4. Click the Windows **Start** button. From the menu that appears, select **Run...**.

The **"Run..."** dialog box will appear.

5. In the dialog box that appears, input the following into the **"Open"** field, and click **[OK]**.

(drive name) : \Driver(Me98)\Setup.exe

* *In the explanatory example shown here, the drive name is given as **"D:"**. The drive name **"D:"** may be different for your system. Specify the drive name of your CD-ROM drive.*

6. The **Driver Setup** dialog box will appear.

Click **[NEXT]**.

7. To begin the installation, click **[Next]** once again. Installation will begin.

A dialog box indicating **"Ready to install the driver"** will appear.
You are now ready to install the driver.

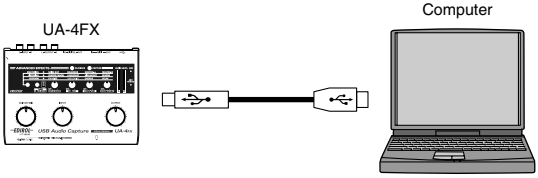
8. Operation of the UA-4FX Set the UA-4FX's **ADVANCE (mode select) switch** to the **ON** position.

* *The installation will not proceed as described below if **ADVANCED (Mode select) switch** is turned **OFF**.*

9. Operation of the UA-4FX Use the **USB cable** to connect the **UA-4FX** to your **computer**.

Your computer will indicate **"Found New Hardware"**. Please wait.

* *This unit is equipped with a protection circuit. A brief interval (a few seconds) after connecting the USB cable is required before the unit will operate normally.*



10. In the **Driver Setup** dialog box, click **[Close]**.

Next, you need to make the driver settings. (→ **Driver settings** (p. 6))

Driver settings

In order to get the best performance from the software you are using, you must set the correct device settings.

Specifying the input/output destination

If you want to use Media Player (included with Windows) with the UA-4FX, proceed as follows to specify the input/output device.
The UA-4FX audio driver supports WDM/ASIO 2.0, but the procedure for making device settings will depend on the software you're using. For details, refer to the manual for your software.

Windows XP users:

* *Depending on how your system is set up, the **Sound and Audio Devices** icon may be displayed directly in the **Control Panel** (the Classic view). In this case, double-click the **Sound and Audio Devices** icon.*

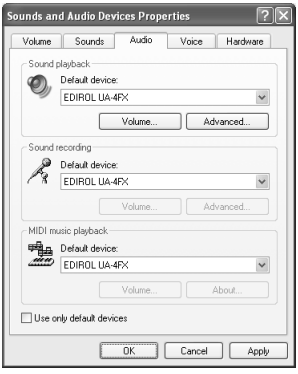
1. Open the **Sounds and Audio Devices Properties** dialog box.

1. Click the Windows **Start** button, and from the menu that appears, select **Settings | Control Panel**.
2. In **"Pick a category"**, click **"Sound, Speech, and Audio Devices".**
3. In **"or pick a Control Panel icon"**, click the **sounds and Audio Devices** icon.

2. Click the **Audio** tab.

3. In the **Sound playback**, **Sound recording**, and **MIDI music playback** areas, click the **Default device** field. From the list that appears for each field, choose the device shown below.

Sound playback	EDIROL UA-4FX
Sound recording	EDIROL UA-4FX
MIDI music playback	EDIROL UA-4FX



4. Click **[OK]** to close the **Sounds and Audio Devices Properties** dialog box.

This completes the audio and MIDI input/output settings.
Proceed to **"Checking that you hear sound"** (p. 8).

Windows 2000/Me users:

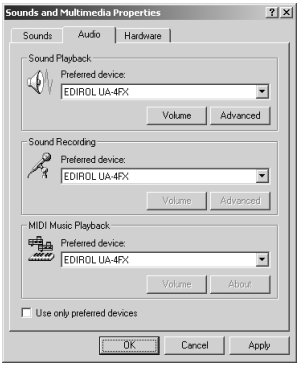
1. Open the **Sounds and Multimedia Properties** dialog box

1. Click the Windows **Start** button and select **Settings | Control Panel**.
2. In **Control Panel**, double-click the **Sounds and Multimedia** icon to open the **"Sounds and Multimedia Properties"** dialog box.

* *If the **Sound and Multimedia** icon is not displayed, click **"View all control panel options"** in the frame at the left.*

2. Click the **Audio** tab.

3. For **Sound Playback**, **Sound Recording**, and **MIDI music playback** areas, click the ▼ located at the right of **[Preferred device]**, and select the following from the list that appears.



Sound Playback	EDIROL UA-4FX
Sound Recording	EDIROL UA-4FX
MIDI music playback	EDIROL UA-4FX

4. Close the **Sounds and Multimedia Properties** dialog box.

Click **OK** to complete the settings.

This completes the audio and MIDI input/output settings. Proceed to **"Checking that you hear sound"** (p. 8).

Windows 98 users:

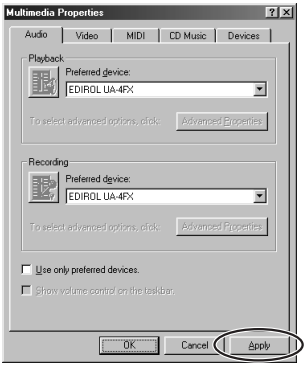
1. Open the **Multimedia Properties** dialog box.

1. Click the Windows **Start** button and select **Settings | Control Panel**.
2. In **Control Panel**, double-click the **Multimedia** icon to open the **"Multimedia Properties"** dialog box.

2. Click the **Audio** tab.

3. Specify the **"Preferred device"**.

Click the **Playback** field and **Recording** field, make the following selections from the list that appears, and click **[Apply]**.



Playback	EDIROL UA-4FX
Recording	EDIROL UA-4FX

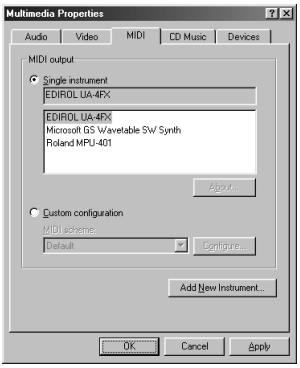
4. Click the **MIDI** tab.

5. Specify the **"MIDI output"**.

   Add a check mark to **[Single instrument]**, click **[EDIROL UA-4FX]** in the list.

6. Close the **Multimedia Properties** dialog box.

   Click **[OK]** to complete the settings.



This completes the audio and MIDI input/output settings.
Proceed to **"Checking that you hear sound"** (p. 8).

Checking that you hear sound

Now, let's play back the sample data to verify that the connections and settings are correct. We will use standard Windows functionality to play back the sample data provided on the included CD-ROM. Before you continue, connect headphones or monitor speakers to the UA-4FX as described in **"Basic connections for the UA-4FX"** (p. 12).

Use of the song data supplied with this product for any purpose other than private, personal enjoyment without the permission of the copyright holder is prohibited by law. Additionally, this data must not be copied, nor used in a secondary copyrighted work without the permission of the copyright holder.

1. Insert the CD-ROM into the CD-ROM drive of your computer.
2. From the **Sample** folder of the CD-ROM, drag **Alright(.wav)** onto your desktop.
3. Set the UA-4FX's **sample rate select switch** to **44.1 kHz**.

   If you change the UA-4FX's sample rate, you must disconnect the USB cable that connects the UA-4FX to your computer, and then re-connect the USB cable in order for the new setting to take effect.
4. Right-click the **Alright(.wav)** file you copied.

   Windows Me/98 users:

   1. From the menu that appears, choose **Properties**.
   2. Click the **Preview** tab, and then click the ▶ button.

   Windows XP/2000 users:

   1. From the menu that appears, choose **Play**.

Playback begins.
If the sample data plays correctly, the UA-4FX is correctly connected to your computer, and the driver has also been installed correctly.

* *If you're using Windows XP, we recommend that you make settings to give priority to background processing so that driver processing is as smooth as possible.*
(Refer to ➔ Advanced operation ***"Giving priority to background services"*** *(p. 44))*

Driver installation and settings (Mac OS X)

* *If you're using Mac OS 9, refer to* ***Advanced Operation*** *(p. 39).*

Installing the driver

* *If an* ***Authentication*** *dialog box appears during installation, enter the password and click* ***[OK]****.*

* *The contents of the display may differ depending on your system.*

1. Disconnect all USB cables other than those for your keyboard and mouse, and restart your Macintosh.

2. Close all software that is currently running.

3. Prepare the CD-ROM.

Insert the CD-ROM into the CD-ROM drive of your computer.

4. In the **Driver (Mac OS X)** folder of the CD-ROM, double-click **UA4FXUSBDriver.pkg**.

A message such as "A program that determines whether installation is possible ..." may appear.
Click **[Continue]**.

5. The display will indicate **"Welcome to the EDIROL UA-4FX USB Driver Installer"**.

Click **[Continue]**.

6. The display will indicate **"Select a Destination"**.

Click the drive in which the operating system is installed to select it, and then click **[Continue]**.

* *Select your startup disk as the drive.*

7. The display will indicate **"Easy Install"**.

Click **Install** or **Upgrade**.

8. The display will indicate **"Installing this software requires you to restart your computer when the installation is done"**.

Click **[Continue Installation]**.

9. The screen will indicate **"Click 'Restart' and ..."**.

Click **[Restart]** to restart your computer.

This completes installation of the UA-4FX driver.
Next, make MIDI device and audio device settings.

Driver settings

If you want to use the UA-4FX with the iTunes software included with your Macintosh, specify the input/output devices as follows.
The procedure for making device settings differs depending on the software you are using. For details, refer to the owner's manual for your software.

1. Operation of the UA-4FX Set the UA-4FX's **ADVANCED (Mode select) switch** to the **ON** position.
2. Operation of the UA-4FX Use the **USB cable** to connect the **UA-4FX** to your **computer**.

   Connect the UA-4FX to a USB connector on the Macintosh itself. Don't connect it to a USB connector on your keyboard.

   * *This unit is equipped with a protection circuit. A brief interval (a few seconds) after connecting the USB cable is required before the unit will operate normally.*
3. Open **"System Preferences"** and click **"Sound"**.
4. In the **Sound Effects** tab, set **"Play alerts and sound effects through"** to **"EDIROL UA-4FX 44.1 kHz"**.

   * *Although **"44.1 kHz"** is used for the purpose of explanation within this document, this changes depending on the actual setting of the **sampling frequency select** on your UA-4FX.*
5. In the **Output** tab, set **"Choose a device for sound output"** to **"EDIROL UA-4FX 44.1 kHz"**.

   * *If you want alerts to be played not from the UA-4FX but from the internal speakers of your Macintosh, choose **"Internal speakers"** for the **"Play alerts and sound effects through"** setting.*
6. In the **Input** tab, set **"Choose a device for sound input"** to **"EDIROL UA-4FX 44.1 kHz"**.

   When you have finished making settings, close the dialog box.

   * *You'll need to make MIDI device settings within the sequencer you're using. For details, refer to the owner's manual for your sequencer software.*

Cautions for use

Before you use your software with the UA-4FX, please note the following.

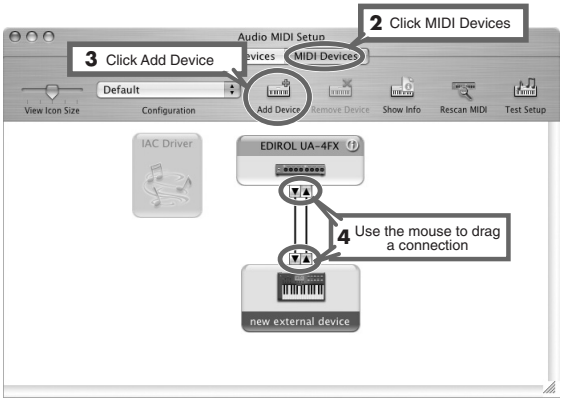
- Before you start up your software, use a USB cable to connect the UA-4FX with your computer.
- Do not disconnect the UA-4FX's USB cable while your software is running.
- Close your software before you unplug the UA-4FX's USB cable.
- Turn off the Sleep setting of your Macintosh.
- The UA-4FX will not work in the Classic environment of Mac OS X. Use it when the Classic environment is not running.
- Depending on the model of Macintosh you are using, starting up the Macintosh when the UA-4FX is connected may cause operation to become unstable. In this case, start up the Macintosh and then connect the UA-4FX.

For details on making device settings appropriate for the device you're using, refer to the owner's manual of your software.

MIDI settings

You must perform this setup if you want to use MIDI.

1. Open the **Applications** folder of your Macintosh hard disk. In the **Utilities** folder, double-click **Audio MIDI Setup** to open the **Audio MIDI Setup**.



2. Click the **MIDI Devices** tab.
3. Click **Add Device**.

   New external device will appear.
4. Connect the ▼ and ▲ symbols (which signify the outputs and inputs) of the **EDIROL UA-4FX** icon to those of the **New External Device** icon by using the mouse to drag between them.

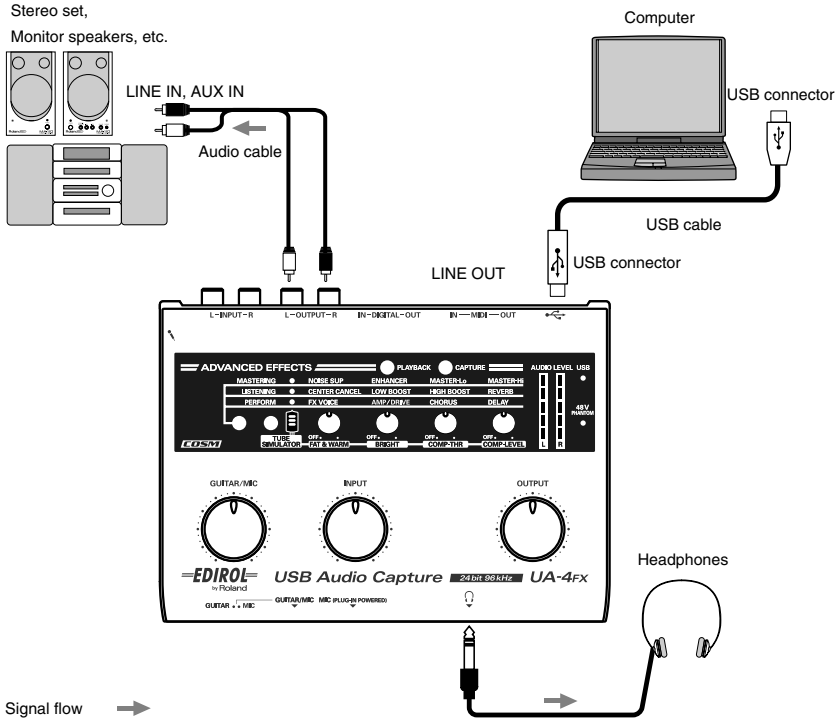
* *Change icons and set other items according to the MIDI devices that are connected to the UA-4FX's MIDI connectors. If you double-click **new external device**, the **new external device Properties** dialog box will appear, allowing you to specify a variety of things, such as the device name.*

Next, you need to connect your headphones, monitor speakers, etc.
(Refer to ➔ **"Basic connections for the UA-4FX"** (p. 12))

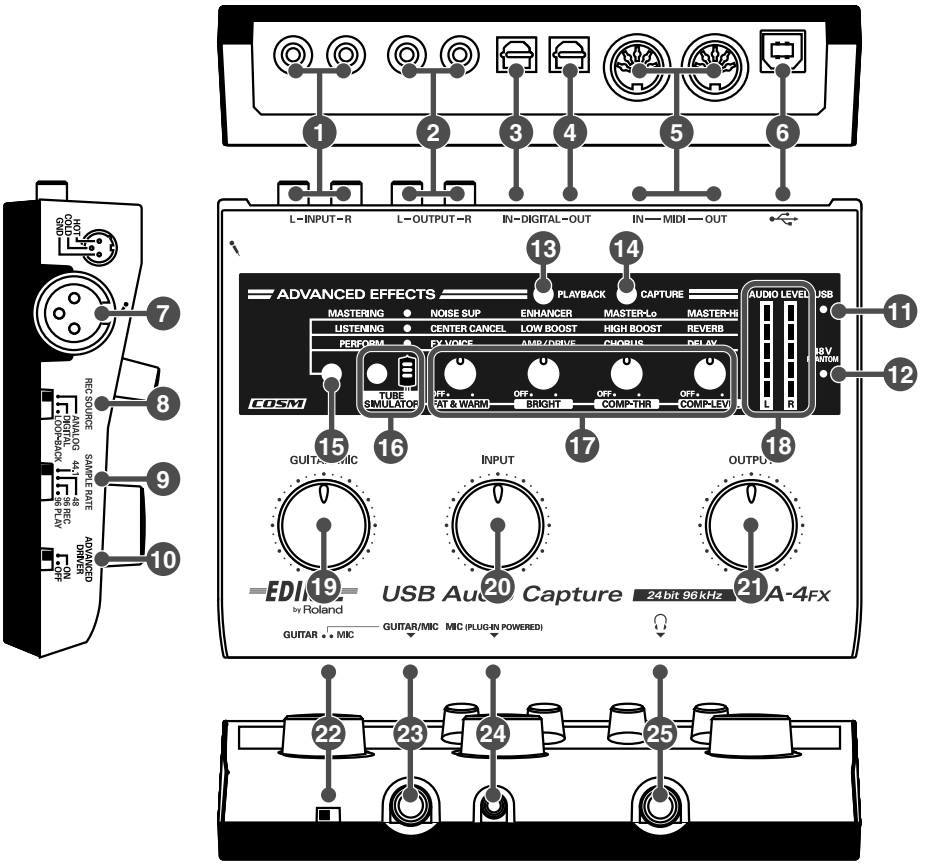
Basic connections for the UA-4FX

* *To prevent malfunction and/or damage to speakers or other devices, always turn down the volume on all your audio equipments before making any connections.*

You can connect headphones and/or monitor speakers as shown in the diagram, and monitor the playback of your application.



Names of things and what they do



1 Line input jacks

Connect these when you want to input audio from an audio device or MIDI sound module. Use the **Input volume** 20 to adjust the volume.

2 Line output jacks

Connect these jacks to your audio system, such as amplified speakers or a stereo set. Use the **Output volume** 21 control to adjust the volume that is output from these jacks.

3 Digital input connector (optical)

Connect this when you want to input digital audio from an audio device such as a CD/MD/DAT. Use an optical digital cable for connection.

4 Digital output connector (optical)

Connect this when you want to output audio to a digital device such as an MD or DAT, or to a Dolby Digital or DTS format decoder amp. Use an optical digital cable for connection.

5 MIDI IN/OUT connectors

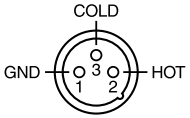
You can connect MIDI equipment here to transmit and receive MIDI messages.

6 USB connector

Use the included USB cable to connect this to your computer so that audio and MIDI signals can be transferred.

7 Mic input jack (XLR type)

This is an analog audio input jack with a mic preamp. It can accept either balanced or unbalanced connections.
Input level: -45 – -12 dBu
This jack can supply 48V phantom power, allowing you to connect a phantom-powered condenser mic. In this case, turn on the **phantom power switch** 27 located on the bottom panel.



* *This instrument is equipped with balanced (XLR) type jacks. Wiring diagrams for these jacks are shown below. Make connections after first checking the wiring diagrams of other equipment you intend to connect.*

8 Recording source select switch

This selects the input signal that will be sent via USB to your computer as the recording source.

ANALOG	The analog audio signal from the guitar/mic input jack or line input jacks will be sent to your computer.
DIGITAL	The signal from the **digital input connector** will be sent to your computer. * *If DIGITAL is selected, you will not hear the sound from your computer.* * *If DIGITAL is selected but no signal is being input from the digital input connector, the UA-4FX will operate as if ANALOG was selected.*
LOOP-BACK	The audio signal output from your computer via USB will be sent through the UA-4FX and returned to your computer.

9 Sampling frequency select switch

This selects the sampling frequency for recording/playing audio data. After you switch the sampling frequency, you will need to disconnect and then reconnect the USB cable that connects the UA-4FX to your computer.

* *If you change the setting of this switch, you will need to disconnect and then reconnect the USB cable that connects the UA-4FX to your computer.*

* *This is valid only when the **ADVANCED switch** is on. If the **ADVANCED switch** is off, the UA-4FX will operate at 44.1 kHz regardless of the setting of this switch.*

* *Limitations when 96 kHz is selected.*
You can't record and play back simultaneously, nor can you use effects.

10 ADVANCED (mode select) switch

This switches the driver mode.
Normally, you should leave this turned on (Advanced mode).
(Refer to ➔ Advanced operation **"Standard driver mode (ADVANCED switch OFF)"** (p. 47))

* *If you change the setting of this switch, you will need to disconnect and then reconnect the USB cable that connects the UA-4FX to your computer.*

11 USB indicator

This will light in blue if the UA-4FX is connected to your computer via the USB cable and the computer has recognized the UA-4FX correctly.

12 Phantom power indicator

This will light when the bottom panel **phantom power switch** 27 is on.

13 Playback button (Playback effect)

If you want to apply effects to the audio signal being played back by your computer, press the **playback button** to turn it on (lit red).
You will hear the effect applied to the audio signal that was input, but the effect is not applied to the recorded audio signal.
When the **playback button** is lit in red, pressing it turns off the effect and extinguishes the indicator. When the effect is off, you will hear the playback "as-is"; i.e., unprocessed by the effect.
(Refer to ➔ Advanced operation **"Applying effects to the playback"** (p. 21))

* *This can be turned on only when operating at 44.1 kHz or 48 kHz.*

14 Capture button (Record effect)

If you want to apply effects to the audio signal being recorded on your computer, press the **capture button** to turn it on (lit red).
When the **capture button** is lit in red, pressing it turns off the effect and extinguishes the indicator. When the effect is off, the sound unprocessed by the effect will be recorded.
(Refer to ➔ Advanced operation **"Applying effects to the recording"** (p. 21))

* *This can be turned on only when operating at 44.1 kHz or 48 kHz.*

15 Effect variation button

This selects the type of effect (**1. MASTERING / 2. LISTENING / 3. PERFORM**).
For details, refer to Advance Operation, **"Applying effects"** (p. 19).

16 Tube simulator button

This turns on a COSM effect that simulates a vacuum tube amp. It simulates the distinctively fat and warm sound that is typical of a tube amp.

* *Since this models the subtle response of a vacuum tube amp, the effect may be difficult to distinguish in some cases.*

17 Effect knobs

These adjust the depth of the effects.
The parameters available for control will depend on the effect type (MASTERING/ LISTENING/PERFORM/TUBE SIMULATOR).
For details, refer to Advance Operation, **"Applying effects"** (p. 19).

18 Input/output level indicators

These LEDs light to indicate the level of the signals being input at each input jack or being sent out from the output connectors. When the input signal has been absent for a certain length of time, these LEDs will switch to operating as output indicators.
When operating as input level indicators:
The LEDs will light red at the level immediately before the sound distorts (-6 dB). Adjust the GUITAR/MIC input volume control or the INPUT volume control so that no LEDs light in red.
When operating as output level indicators:
The LEDs will indicate the state of the audio signal output. The number of LEDs that light will depend on the volume of the output from the digital output connector.

19 Guitar/mic input volume

This adjusts the volume that is input from the **mic input jack (plug-in powered mic)** 24 , **Mic input jack (XLR type)** 7 or the **guitar/ mic input jack** 23 .

* *If you're not using a guitar or mic, leave this volume knob turned all the way toward the left.*

* *This knob acts as the sensitivity adjustment when you're using the mic input jack (XLR type). If a mic is plugged in, its signal will still be input even if this knob is turned all the way to the left.*

20 Input volume

This adjusts the volume that is input from the **line input jacks** 1 .

* *Leave this volume knob turned all the way down if nothing is connected.*

21 Output volume

This adjusts the volume that is output from the **headphone jack** 25 and the **line Output jacks** 2 . Turn this toward the left to decrease the volume, or toward the right to increase the volume.

* *Turn this volume down before you connect the USB cable.*

22 Input select switch

Set this according to the device that you connect to the **guitar/mic input jack** 23 . Set the switch to **GUITAR** if you connect a guitar, or to **MIC** if you connect a mic.

* *Turn down the volume of your connected equipment before changing the position of this switch.*

23 Guitar/mic input jack

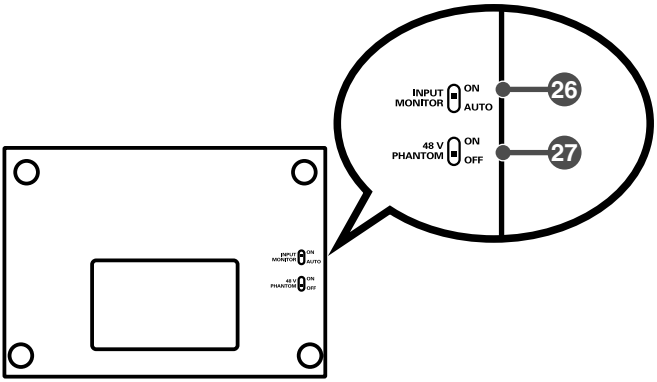
You can connect a guitar or mic here.
Use the **guitar/mic input volume** 19 to adjust the volume.

24 Mic input jack (plug-in powered mic)

A miniature condenser mic that requires a power supply can be connected to this jack. You must use a mic that supports plug-in power. This jack provides a 3.3 V power supply.
Use the **guitar/mic input volume** 19 to adjust the volume.

25 Headphone jack

You can connect headphones here.
Even if headphones are connected, sound will still be output from the **line output jacks** 2 .



26 Input monitor switch

This selects whether the audio signals received from all input jacks will be sent to the **headphone jack** and **line output jacks**.
If this switch is ON, the input signals will be output. If you are using the ASIO driver in Advanced mode, you can set this switch to AUTO so that your software can switch input monitoring on/off. (Refer to ➔ Advanced operation **"Using ASIO Direct Monitor (Windows/Mac OS 9)"** (p. 37))
If you are not using the ASIO driver, this will be off; the input signals will not be output. Normally, you should leave this ON.

27 Phantom power switch

This is an on/off switch for the phantom power supplied to the mic input jack (XLR type) located on the side panel.
You must leave the phantom power switch in the OFF position unless you have connected a condenser microphone that requires a phantom power supply.
Malfunctions may occur if phantom power is supplied to a dynamic mic or an audio playback device. For details on the specifications of your mic, refer to the owner's manual for your mic.
(The UA-4FX's phantom power supply provides DC 48 V at a maximum current of 5 mA.)