EDIROL

UM-2 USB MIDI Interface

Owner's Manual
Bedienungsanleitung
Mode d'emploi
Manuale d'uso

Before using this unit, carefully read the sections entitled: **"USING THE UNIT SAFELY" (**p. 3**)** and **"IMPORTANT NOTES" (**p. 5**)**. These sections provide important information concerning the proper operation of the unit. Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, this manual should be read in its entirety. The manual should be saved and kept on hand as a convenient reference.

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For EU Countries

This product complies with the requirements of European Directive 89/336/EEC.

For the USA

FEDERAL COMMUNICATIONS COMMISSION
RADIO FREQUENCY INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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.

Tested To Comply With FCC Standards

FOR HOME OR OFFICE USE

Unauthorized changes or modification to this system can void the users authority to operate this equipment.
This equipment requires shielded interface cables in order to meet FCC class B Limit.

For Canada

NOTICE

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

AVIS

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

USING THE UNIT SAFELY

INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

About ⚠WARNING and ⚠CAUTION Notices

⚠WARNING	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
⚠CAUTION	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets.

About the Symbols

⚠	The △ symbol alerts the user to important instructions or warnings.The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger.
	The ⃠ symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
	The ● symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

ALWAYS OBSERVE THE FOLLOWING

⚠WARNING

- Before using this unit, make sure to read the instructions below, and the Owner's Manual.

- Do not open or perform any internal modifications on the unit.

- Do not attempt to repair the unit, or replace parts within it (except when this manual provides specific instructions directing you to do so). Refer all servicing to your retailer, the nearest Roland / EDIROL Service Center, or an authorized Roland distributor, as listed on the "Information" page.

- Never use or store the unit in places that are:
  - Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are
  - Damp (e.g., baths, washrooms, on wet floors); or are
  - Humid; or are
  - Exposed to rain; or are
  - Dusty; or are
  - Subject to high levels of vibration.

- Make sure you always have the unit placed so it is level and sure to remain stable. Never place it on stands that could wobble, or on inclined surfaces.

- Do not allow any objects (e.g., flammable material, coins, pins); or liquids of any kind (water, soft drinks, etc.) to penetrate the unit.

- Immediately turn the power off, and request servicing by your retailer, the nearest Roland / EDIROL Service Center, or an authorized Roland / EDIROL distributor, as listed on the "Information" page when:
  - Objects have fallen into, or liquid has been spilled onto the unit; or
  - The unit has been exposed to rain (or otherwise has become wet); or
  - The unit does not appear to operate normally or exhibits a marked change in performance.

- In households with small children, an adult should provide supervision until the child is capable of following all the rules essential for the safe operation of the unit.

- Protect the unit from strong impact. (Do not drop it!)



- DO NOT play a CD-ROM disc on a conventional audio CD player. The resulting sound may be of a level that could cause permanent hearing loss. Damage to speakers or other system components may result.



⚠ CAUTION

- Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of the reach of children.



- Never climb on top of, nor place heavy objects on the unit.



- Disconnect all cords coming from external devices before moving the unit.



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* MacOS is a trademark of Apple Computer, Inc.
* All product names mentioned in this document are trademarks or registered trademarks of their respective owners.
* OMS is a registered trademark of Opcode Systems, Inc.
* FreeMIDI is a trademark of Mark of the Unicorn, Inc.

IMPORTANT NOTES

In addition to the items listed under "USING THE UNIT SAFELY" on page 3 , please read and observe the following:

Power Supply

- Before connecting this unit to other devices, turn off the power to all units. This will help prevent malfunctions and / or damage to speakers or other devices.

Placement

- This device may interfere with radio and television reception. Do not use this device in the vicinity of such receivers.
- Do not expose the unit to direct sunlight, place it near devices that radiate heat, leave it inside an enclosed vehicle, or otherwise subject it to temperature extremes. Excessive heat can deform or discolor the unit.
- To avoid possible breakdown, do not use the unit in a wet area, such as an area exposed to rain or other moisture.

Maintenance

- For everyday cleaning wipe the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use a cloth impregnated with a mild, non-abrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.
- Never use benzine, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and / or deformation.

Additional Precautions

- Use a reasonable amount of care when using the unit's jacks and connectors. Rough handling can lead to malfunctions.
- When connecting / disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.
- To avoid disturbing your neighbors, try to keep the unit's volume at reasonable levels. You may prefer to use headphones, so you do not need to be concerned about those around you (especially when it is late at night).
- When you need to transport the unit, package it in the box (including padding) that it came in, if possible. Otherwise, you will need to use equivalent packaging materials.
- Do not excessively twist or bend the USB cable, nor place heavy objects on it. Doing so can damage the cable, producing severed elements and short circuits. Damaged cable are fire and shock hazards!

Handling CD-ROMs

- Avoid touching or scratching the shiny underside (encoded surface) of the disc. Damaged or dirty CD-ROM discs may not be read properly. Keep your discs clean using a commercially available CD cleaner.

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Introduction

Contents of the Package

The UM-2 package contains the following items. As soon as you open the package, please verify that all items are present. If any items are missing, please contact the dealer where you purchased the package.

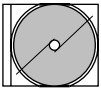
■ UM-2 USB MIDI Interface



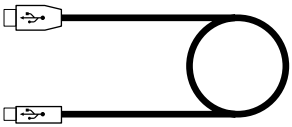
■ "UM-2 Driver CD-ROM" (one disk)

* *Be sure to read the Readme_E.txt file that is found in the UM-2 Driver CD-ROM.*

Any changes that occurred after the owner's manual was printed or additional information will be given in the Readme_E.txt file.



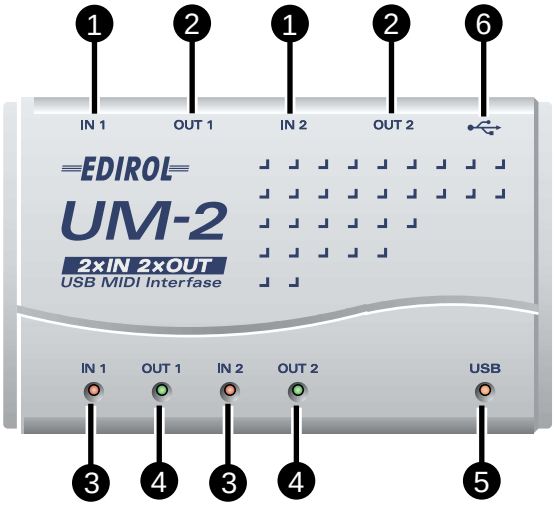
■ USB Cable (one cable)



■ UM-2 Owner's Manual (this document)



Front and Rear Panel



1 MIDI IN 1/2 Connectors

Connect these to the MIDI OUT connector of the keyboard or other devices that will transmit MIDI messages to your computer.

2 MIDI OUT 1/2 Connectors

Connect these to the MIDI IN connector of the sound modules or other devices that you wish to play from your computer.

3 MIDI IN Indicators 1/2

These indicators will blink when MIDI messages are received at the MIDI IN connectors.

4 MIDI OUT Indicators 1/2

These indicators will blink when MIDI messages are transmitted from the MIDI OUT connectors.

5 USB Indicator

This indicator will light when the unit is connected to your computer and is ready to operate.

6 USB Connector

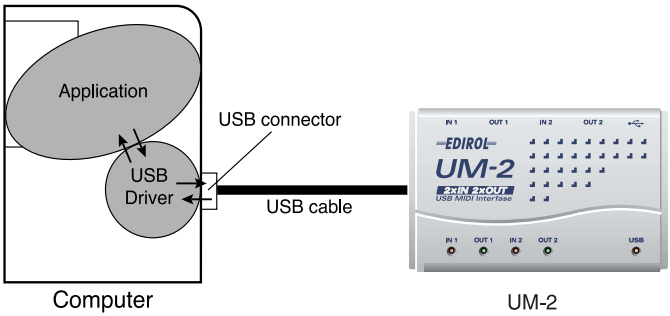
Use a USB cable to connect this to your computer and a USB hub.

Installing & Setup the Driver

In order to use the UM-2, you must first install the UM-2 driver. The UM-2 Driver is included in the **"UM-2 Driver CD-ROM."**

■ What is UM-2 Driver?

The UM-2 Driver is software which passes data between the UM-2 and the application (sequencer software etc.) that is running on the USB-connected computer.
The UM-2 Driver sends data from the application to the UM-2, and passes data from the UM-2 to the application.



The explanation about installing and setup the driver is organized according to the computer and MIDI driver that you are using. Please proceed to the following pages.

Windows XP Users → P.10

Windows 98 / Me Users → P.16

Windows 2000 Users → P.21

Using OMS on the Macintosh → P.27

Using FreeMIDI on the Macintosh → P.31

Windows XP users

1

With the UM-2 disconnected, start up Windows.

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

2

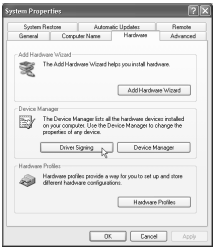
Open the **System Properties** dialog box.

1. Click the Windows **start** menu, and from the menu, select **Control Panel**.
2. In **"Pick a category"**, click **"Performance and Maintenance"**.
3. In **"or pick a Control Panel icon"**, click the **System** icon.

3

Click the **Hardware** tab, and then click **[Driver Signing]**.

Open the **Driver Signing Options** dialog box.



4

Make sure that **"What action do you want Windows to take?"** is set to **"Ignore"**.



If it is set to **"Ignore"**, simply click **[OK]**.
If it is not set to **"Ignore"**, make a note of the current setting ("Warn" or "Block"). Then change the setting to **"Ignore"** and click **[OK]**.
After installing the driver, restore the original setting.
(→ **If you changed "What action do you want Windows to take?"** (p. 14))

NOTE

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.

MEMO

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

MEMO

If you changed **"What action do you want Windows to take?"** in **step 4**, you must restore the previous setting after you have installed the driver. (→**If you changed "What action do you want Windows to take?"** (p. 14))

5

Click **[OK]** to close the **System Properties** dialog box.

6

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.

7

Prepare the CD-ROM.

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

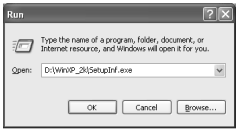
8

Click the Windows **start** button. From the menu that appears, select **"Run..."**

Open the **"Run..."** dialog box.

9

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



D:\WINXP_2K\Setupinf.exe

* *The drive name **"D:"** may be different for your system. Specify the drive name of your CD-ROM drive.*

10

The **SetupInf** dialog box will appear.

You are now ready to install the driver.



MEMO

In this manual, the location of folders and files is given in terms of the file path, using **** as the delimiter.
For example, **WINXP_2K\SETUPINF.EXE** indicates the **SETUPINF.EXE** file found in the **WINXP_2K** folder.

11

Use the USB cable to connect the UM-2 to your computer.

Near the task bar, your computer will indicate **"Found New Hardware"**. Please wait.

12

The **Found New Hardware Wizard** will appear.

Make sure that the screen indicates **"EDIROL UM-2 "**, select **"Install from a list or specific location (Advanced)"**, and click **[Next]**.



13

The screen will indicate **"Please choose your search and installation options"**.

Select **"Don't search. I will choose the driver to install"**, and click **[Next]**.



14

Make sure that the **"Model"** field indicates **"EDIROL UM-2 "**, and click **[Next]**. Driver installation will begin.



MEMO

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

15

The **Insert Disk** dialog box will appear.

Click **[OK]**.



MEMO

The **Insert Disk** dialog may not appear. In that case, proceed to **step 16**.

16

The **Files Needed** dialog box will appear. Input the following into the **"Copy files from"** field, and click **[OK]**.



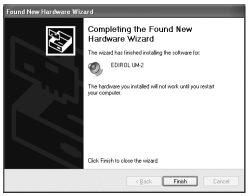
D:\WINXP_2K

* *The drive name **"D:"** may be different for your system. Specify the drive name of your CD-ROM drive.*

17

The **Found New Hardware Wizard** will appear.

Verify that **"EDIROL UM-2 "** is displayed, and click **[Finish]**.



Wait until **"Found New Hardware"** appears near the taskbar.

18

When driver installation has been completed, the **System Settings Change** dialog box will appear.

Click **[Yes]**. Windows will restart automatically.

If you changed "What action do you want Windows to take?"

If you changed the **What action do you want Windows to take?** setting, restore the original setting after Windows restarts.

1. If you are using **Windows XP Professional**, log on to Windows using the user name of an **administrative account** (e.g., Administrator).
2. Click the Windows **start** menu, and from the menu, select **Control Panel**.
3. In **"Pick a category"**, click **"Performance and Maintenance"**.

   ** Depending on how your system is set up, the **System** icon may be displayed directly in the **Control Panel** (classic view). In this case, double-click the **System** icon.*
4. In **"or pick a Control Panel icon"**, click the **System** icon. The System Properties dialog box will appear.
5. Click the **Hardware** tab, and then click **[Driver Signing]**. The **Driver Signing Options** dialog box will appear.
6. Return the **What action do you want Windows to take?** setting to the original setting (either "Warn" or "Block"), and click **[OK]**.
7. Click **[OK]**. The **System properties** dialog box will close.

■ Specifying the Output Destination for MIDI Data

1

Open **Control Panel**.

Click the Windows **start** button, and from the menu that appears, select **Control Panel**.

2

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

In **"Pick a category"** click **"Sound, Speech, and Audio Devices"**. Next, in **"or pick a Control Panel icon"**, click the **Sounds and Audio Devices** icon.

3

Click the **Audio** tab.

4

For **MIDI music playback**, click the ▼ located at the right of **[Default device]** and select the following from the list that appears.

EDIROL UM-2 MIDI1



5

Close the **Sounds and Audio Devices Properties** dialog box.
Click **OK** to complete the settings.

MEMO

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

Windows 98 / Me Users

Use the following procedure to install the UM-2 driver.

* *Disconnect the UM-2 from your computer before starting up Windows.*

1

With all USB cables disconnected, start up Windows. (except the keyboard and mouse)

2

Exit all applications before you begin installing the driver.

3

Insert the UM-2 Driver CD-ROM into the CD-ROM drive.

4

From the Windows Start menu, select **"Run."**



5

In the **"Open"** field of the dialog box that appears, enter **"Q:\Win98_Me\Setupinf .exe"** and click **"OK."**



* *Enter the dri ve name **Q:** appropriate for the drive name of your CD-ROM drive.*

NOTE

If the UM-2 is already connected to your computer and a message of **"Add New Hardware Wizard"** is displayed, go to the **UM-2 Driver CD-ROM** folder named **Win98_Me**, open the file **Readme_e.htm**, and read the **"Troubleshooting"** section entitled **"You attempted to install using the above procedure, but were not able to."**

NOTE

The UM-2 cannot be used with Windows95 or Windows NT.

NOTE

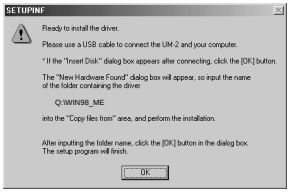
If you wish to use the UM-2 at the same time as another USB device connected to your computer, disconnect the other USB device from the USB connector before installing the UM-2 driver. If another USB device is connected to your computer when you install the UM-2 driver, the UM-2 driver may not be installed correctly.

NOTE

To check the drive name of your CD-ROM drive, double-click the **My Computer** icon.

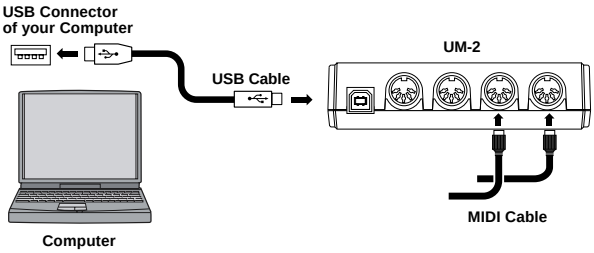
6

The SETUPINF dialog box will appear, and the display will indicate **"Ready to install the driver.–"**



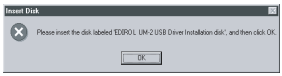
7

Use the USB cable to connect the UM-2 and your computer.



8

In some cases, the **"Insert Disk"** dialog box may appear. Click **"OK."**



9

The **"New Hardware Found"** dialog box will appear.

In the **"Copy files from"** area, input **"Q:\Win98_Me"** and click the **"OK"** button. Installation will be completed.



* *Change the drive name Q: to match the drive name of your CD-ROM drive. For example if your CD-ROM drive is named D:, you would input "D: \ Win98_Me".*

NOTE

If the **"Ready to install the driver.---"** dialog box does not appear, go to the **UM-2 Driver CD-ROM** folder named **Win98_Me**, open the **Reademe_e.htm** file, and read the section entitled **"Installation."**

MEMO

If the display indicates **"The driver is already installed.–"**, you can connect the UM-2's USB cable to the computer and use it.

NOTE

If the display indicates **"The driver was not deleted completely.–"**, refer to **Deleting the UM-2 Driver** (p. 26) to re-install it.

NOTE

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

10

Click **"OK"** button in the **"SETUPINF"** dialog box.

Then refer to **Specifying the Output Destination for MIDI Data** (the section that follows), and make settings for the UM-2 to be used from your computer. The UM-2 cannot be used unless you make these settings.

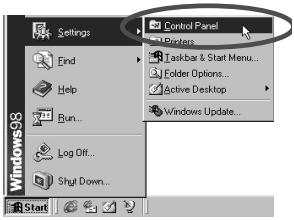
■ Specifying the Output Destination for MIDI Data

Here you can make settings for using the UM-2 driver with applications such as the **"Media Player"** that is included with Windows.

Windows 98 users

1

Click the Windows **[Start]** button, select **[Settings]** from the menu that appears, and select **[Control Panel]**.



2

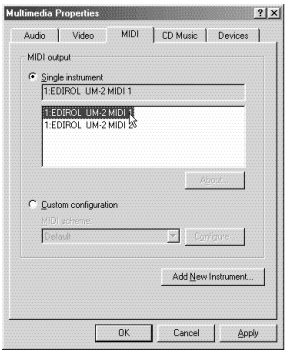
In the Control Panel, double-click the **[Multimedia]** icon.


Multimedia

3

In Multimedia Properties, click the **[MIDI]** tab.

In the **"MIDI Output"** field select **[1: EDIROL UM-2 MIDI 1]** .



MIDI devices correspond to MIDI ports as follows.

MIDI Output Device	MIDI Output Port
EDIROL UM-2 MIDI 1	MIDI OUT 1
EDIROL UM-2 MIDI 2	MIDI OUT 2

4

Click **[OK]**.

5

Use a MIDI cable to connect the **MIDI OUT 1 connector** of the UM-2 to a MIDI sound module.

6

Start up **Windows Media Player** or **Media Player**, select a MIDI file, and play back.

NOTE

If you are using the UM-2 with a sequencer, do not disconnect the MIDI cable connected to the UM-2 while a song is playing back.

MEMO

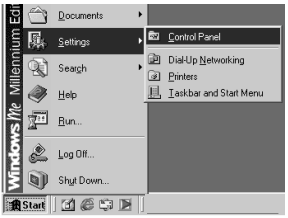
Windows Media Player is located in **Start menu** -> **Programs**-**Accessories**-**Entertainment**-**Windows Media Player**.

English
Deutsch
Français
Italiano

Windows Me users

1

Click the Windows **[Start]** button, select **[Settings]** from the menu that appears, and select **[Control Panel]**.



2

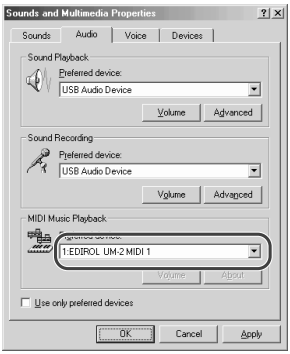
In the Control Panel, double-click the **[Sounds and Multimedia]** icon.



3

In Multimedia Properties, click the **[Audio]** tab.

In the **"MIDI Music Playback"** field select **[EDIROL UM-2 MIDI 1]** .



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MIDI Output Device	MIDI Output Port
EDIROL UM-2 MIDI 1	MIDI OUT 1
EDIROL UM-2 MIDI 2	MIDI OUT 2

4

Click **[OK]**.

5

Use a MIDI cable to connect the **MIDI OUT 1 connector** of the UM-2 to a MIDI sound module.

6

Start up **Windows Media Player** or **Media Player**, select a MIDI file, and play back.

NOTE

If you are using the UM-2 with a sequencer, do not disconnect the MIDI cable connected to the UM-2 while a song is playing back.

MEMO

Depending on your settings, "Sounds and Multimedia" may not appear in the "Control Panel." In this case, click **"View all Control Panel options."**

MEMO

Windows Media Player is located in **Start menu** -> **Programs**-**Accessories**-**Entertainment**-**Windows Media Player**.

Windows 2000 Users

Use the following procedure to install the UM-2 driver.

* *Disconnect the UM-2 from your computer before starting up Windows.*
* *To install the driver, you must log on to Windows as the **Administrator** or other user with the privileges of the Administrators group. For more information regarding this, consult your computer system administrator.*

1

With all USB cables disconnected, start up Windows. (except the keyboard and mouse)

2

Log onto Windows as an **Administrator**, or other user that is a member of the Administrators group.

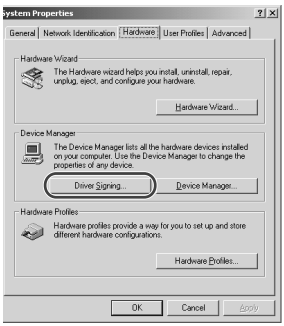
3

Exit all applications before performing the installation.

4

Make **"Driver Signing"** settings.

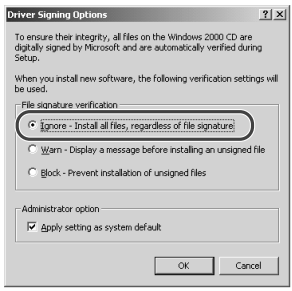
Open the **"Control Panel,"** and double-click **"System."** Click the **"Hardware"** tab, and then click the **"Driver Signing"** button. The **"Driver Signing Options"** dialog box will appear.



5

Make sure that **"File signature verification"** is set to **"Ignore."**

If it is set to **"Ignore,"** click **"OK."** If not, make a note of the current setting; then change it to **"Ignore"** and click the **"OK"** button.



NOTE

If the UM-2 is already connected to your computer and a message of **"Found New Hardware Wizard"** is displayed, go to the **UM-2 Driver CD-ROM** folder named **WinXP_2K**, open the file **Readme_e.htm**, and read the **"Troubleshooting"** section entitled **"You attempted to install using the above procedure, but were not able to."**

NOTE

The UM-2 cannot be used with Windows95 or Windows NT.

NOTE

If you wish to use the UM-2 at the same time as another USB device connected to your computer, disconnect the other USB device from the USB connector before installing the UM-2 driver. If another USB device is connected to your computer when you install the UM-2 driver, the UM-2 driver may not be installed correctly.

6

Click the **"OK"** button to close **"System Properties."**

7

Insert the UM-2 Driver CD-ROM into the CD-ROM drive.

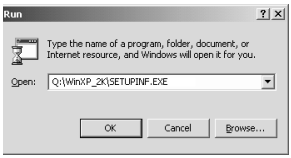
8

From the Windows Start menu, select **"Run."**



9

In the **"Open"** field of the dialog box that appears, enter **"Q:\WinXP_2K\Setupinf.exe"** and click **[OK].**



* *Enter the drive name **Q:** appropriate for the drive name of your CD-ROM drive.*

10

The SETUPINF dialog box will appear, and the display will indicate **"Ready to install the driver.–"**



NOTE

To check the drive name of your CD-ROM drive, double-click the **My Computer** icon.

NOTE

If the **"Ready to install the driver.---"** dialog box does not appear, go to the **UM-2 Driver CD-ROM** folder named **WinXP_2K**, open the **Reademe_e.htm** file, and read the section entitled **"Installation."**

MEMO

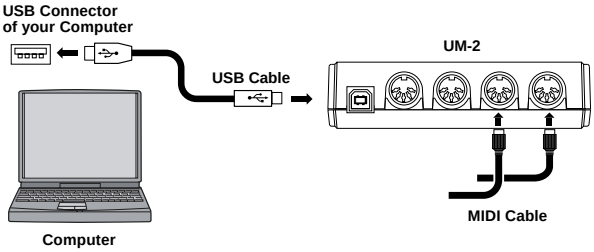
If the display indicates **"The driver is already installed.–"**, you can connect the UM-2's USB cable to the computer and use it.

NOTE

If the display indicates **"The driver was not deleted completely.–"**, refer to **Deleting the UM-2 Driver** (p. 26) to re-install it.

11

Use the USB cable to connect the UM-2 and your computer.



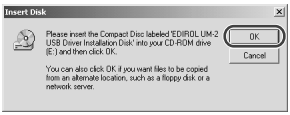
NOTE

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

12

The **"Insert Disk"** dialog box will appear.

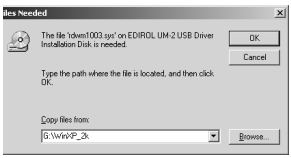
Click the **"OK"** button.



13

The **"Files Needed"** dialog box will appear.

In the **"Copy files from"** area, input **"Q:\WinXP_2K"** and click the **"OK"** button. Installation will be completed.

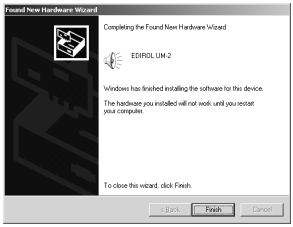


* *Change the drive name Q: to match the drive name of your CD-ROM drive. For example if your CD-ROM drive is named D:, you would input "D: \ WinXP_2K".*

14

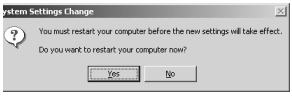
The **"Found New Hardware Wizard"** will appear.

Make sure that **"EDIROL UM-2"** is displayed, and click the **"Finish"** button.



15

The **"System Settings Change"** dialog box will appear.



Click the "Yes" button and restart Windows.

16

If you changed the setting for **"Verify file signature"** in **step 5**, set it back to the previous setting.

(To restore the setting, the **Administrator** or user belonging to the Administrators group must log on to Windows.)

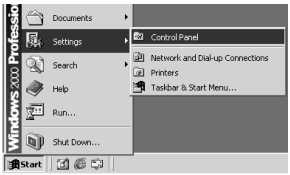
Then **refer to Specifying the Output Destination for MIDI Data** (the section that follows), and make settings for the UM-2 to be used from your computer. The UM-2 cannot be used unless you make these settings.

■ Specifying the Output Destination for MIDI Data

Here you can make settings for using the UM-2 driver with applications such as the **"Media Player"** that is included with Windows.

1

Click the Windows **[Start]** button, select **[Settings]** from the menu that appears, and select **[Control Panel]**.



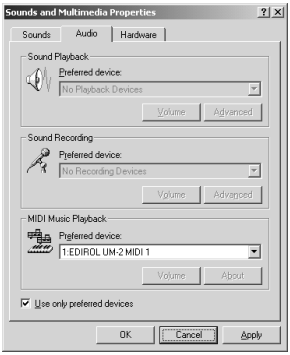
2

In the Control Panel, double-click the **[Sounds and Multimedia]** icon.



3

Click the **"Audio"** tab, and in **"MIDI Music Playback,"** select **"1:EDIROL UM-2 MIDI 1."**



MIDI devices correspond to MIDI ports as follows.

MIDI Output Device	MIDI Output Port
EDIROL UM-2 MIDI 1	MIDI OUT 1
EDIROL UM-2 MIDI 2	MIDI O UT 2

4

Click **[OK]**.

5

Use a MIDI cable to connect the **MIDI OUT 1 connector** of the UM-2 to a MIDI sound module.

6

Start up **Windows Media Player** or **Media Player**, select a MIDI file, and play back.

NOTE

If you are using the UM-2 with a sequencer, do not disconnect the MIDI cable connected to the UM-2 while a song is playing back.

MEMO

Windows Media Player is located in **Start menu** -> **Programs**-**Accessories**-**Entertainment**-**Windows Media Player**.

English
Deutsch
Français
Italiano

Deleting the UM-2 Driver

If you were not able to install the UM-2 driver according to the procedure, or if you are unable to use the UM-2 even after installing the driver, you must delete the driver.

After deleting the driver, use the procedure described in " **Installing & Setup the Driver" (P.9)** to re-install the driver.

For details on how to delete the driver, refer to the explanation provided in the on-line manual within the **UM-2 Driver CD-ROM**.

Windows 98 / Me users

In the **UM-2 Driver CD-ROM** folder **Win98_Me**, open the **Readme_e.htm** file and read **"To uninstall."**

Windows XP / 2000 users

In the **UM-2 Driver CD-ROM** folder **WinXP_2K**, open the **Readme_e.htm** file and read **"To uninstall."**

Using OMS on the Macintosh

■ Installing the UM-2 Driver

Use the following procedure to install the UM-2 driver.

* *Disconnect the UM-2 from your computer before starting up Macintosh.*
* *Exit all applications before you begin installing the driver.*
* *The UM-2 OMS Driver included on the disc is provided as an additional module that allows the UM-2 to be used with OMS. In order to use it, OMS must already be installed on the start-up hard disk.*

■ To learn more about OMS

If you would like to learn more about OMS, please refer to **"OMS_2.3_Mac.pdf"** (on-line manual) located in the **"OMS 2.3.8E"** folder on the CD-ROM. In order to read **"OMS_2.3_Mac.pdf,"** you will need the Adobe Acrobat Reader.

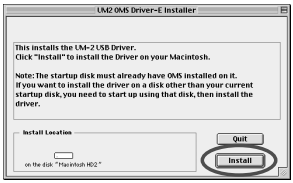
1

In the **"UM-2 Driver E"** folder of the CD-ROM, double-click the **"UM2 OMS Driver-E Installer"** icon.



2

Make sure that OMS is already installed in the location where the driver will be installed, and click **[Install]**.



3

If the following message appears, click **[Continue]** and all other currently-running applications will be exited, and installation will continue.

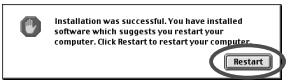


MEMO

To install OMS, double-click the **Install OMS 2.3.8** icon located in the **OMS 2.3.8E** folder.

4

When installation is completed, the following dialog box will appear. Click **[Restart]** to restart your Macintosh.

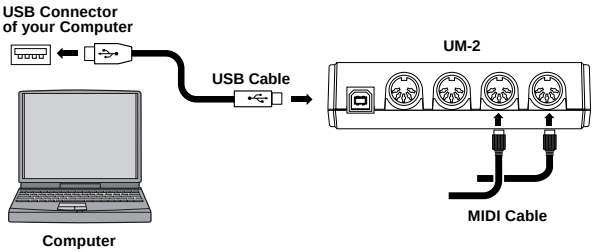


■ OMS settings

* *If other MIDI devices are connected, you must turn off the power on all devices, and then make OMS settings according to the following procedure.*

1

Use the USB cable to connect the UM-2 and your computer.



2

In the **"Opcode"** folder in the location where OMS is installed, open the **"OMS Applications"** folder, and double-click the **"OMS Setup"** icon.



3

If the **"Apple Talk"** dialog box appears, click **[Turn It Off]**.

Then, in the dialog box that appears next, click **[OK]**.



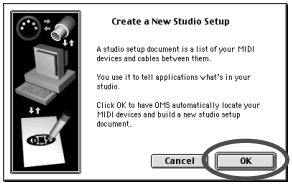
NOTE

If you are using the UM-2 with a sequencer, do not disconnect the MIDI cable connected to the UM-2 while a song is playing back.

4

The **"Create a New Studio setup"** dialog box will appear.

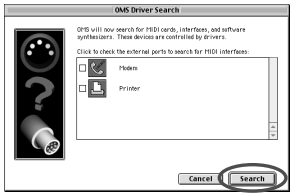
Click **[OK]**.



5

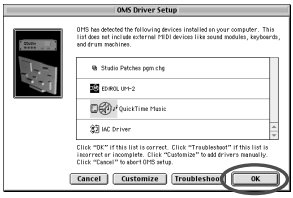
The **"OMS Driver Search"** dialog box will appear.

Click **[Search]**.



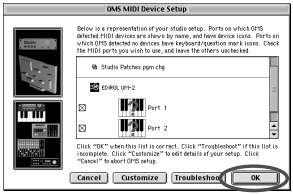
6

After the search has been completed, make sure that **"EDIROL UM-2"** is listed in the **"OMS Driver Setup"** dialog box, and click **[OK]**.



7

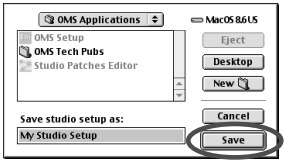
After making sure that the UM-2 is listed in the **"OMS MIDI Device Setup"** dialog box, click each check box for Port1 through Port2 to check them all, and click **[OK]**.



8

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

Input the desired file name, and click **[Save]**.



MEMO

If the **"Create a New Studio setup"** dialog box does not appear, click **[New Studio setup]** in the **[File]** menu.

NOTE

If an error dialog box is displayed during the setup, disconnect all MIDI cables connected to the UM-2, and make the OMS settings once again.

9

If a sound module is connected to a MIDI connector of the UM-2, select **[Test Studio]** in the **[Studio Menu]** and check it in order to Test Studio whether sound is produced.



NOTE

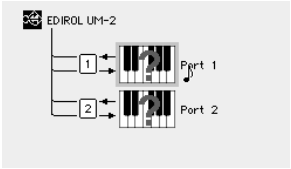
The following step will cause a relatively loud sound to be produced by the sound module, so turn down the volume of your sound module before continuing.

10

Turn on the power of the MIDI device connected to the UM-2.

11

In the **"My Studio Setup Window,"** click the keyboard icon.



When you move the mouse cursor near the keyboard icon, the cursor will change to the shape of an eighth note. Verify that you can hear sound from your sound module.

* Port 1 is MIDI IN / OUT 1 of the UM-2
Port 2 is MIDI IN / OUT 2 of the UM-2

12

After you have finished the above check, exit OMS Setup.

This completes driver settings.

Using FreeMIDI on the Macintosh

■ Installing the UM-2 Driver

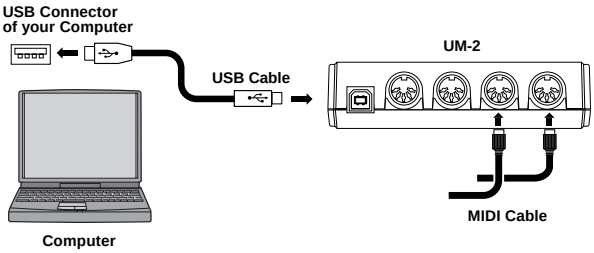
Use the following procedure to install the UM-2 driver.

* *Disconnect the UM-2 from your computer before starting up Macintosh.*

* *Exit all applications before you begin installing the driver.*

1

Use the USB cable to connect the UM-2 and your computer.



2

In the **"UM-2 Driver E"** folder of the CD-ROM, double-click the **"UM2 FreeMIDI Driver-E Installer"** icon to start up the installer.



3

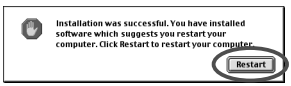
Click **[Install]**.

If the dialog box that all other currently-running applications will be exited appears, click **[Continue]**.



4

When installation is completed, click **[Restart]** to restart your computer.



This completes installation of the UM-2 Driver.
Next you will make FreeMIDI settings.

NOTE

The UM-2 FreeMIDI Driver included on the disc is provided as an additional module that allows the UM-2 to be used with FreeMIDI. In order to use it, FreeMIDI must already be installed on the start-up hard disk.

■ FreeMIDI settings

1

Open the **"FreeMIDI Applications"** folder, and double-click the **"FreeMIDI Setup"** icon.



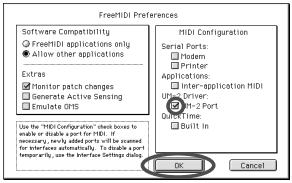
2

The first time FreeMIDI is started up, a **"Welcome to FreeMIDI!"** dialog box will appear. Click **[Continue]**.

If this is the second or later time, select **"FreeMIDI Preferences"** from the File menu.

3

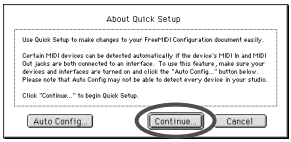
In the **"FreeMIDI Preferences"** dialog box, check **"UM-2 Port"** which is located below UM-2 Driver in MIDI Configuration, and click **[OK]**.



4

The **About Quick Setup** dialog box will appear.

Click **[Continue]**.



NOTE

If you are using the UM-2 with a sequencer, do not disconnect the MIDI cable connected to the UM-2 while a song is playing back.

MEMO

There will be a version number following **"FreeMIDI Setup"** as the actual icon name.

NOTE

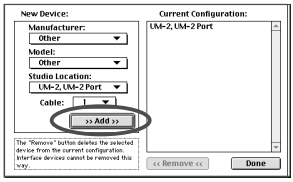
If the dialog box does not show **"UM-2 Driver,"** check whether the UM-2 is connected correctly, and start up FreeMIDI Setup once again.

MEMO

If the **About Quick Setup** dialog box is not displayed, select **Quick Setup...** from the **Configuration** menu.

5

In the dialog box that appears, select the MIDI equipment that is connected to each port of the UM-2, and click **[>>Add>>]**.



Manufacturer:
Select the manufacturer of your MIDI equipment. If the appropriate manufacturer does not appear in the list, select **"Other."**

Model:
Select the model of your MIDI equipment. If the appropriate model does not appear in the list, select **"Other."**

Studio Location:
Select **"UM-2,"** and for **"Cable"** that appears below it, select the port to which your MIDI equipment is connected.

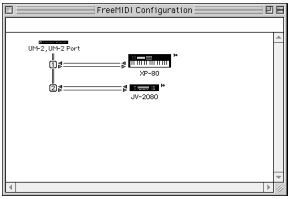
6

If two units of MIDI equipment are connect, repeat **step 5.**

7

When settings are complete, click **[Done]**.

A setting window like the following will appear.



MEMO

This is one example of a setting window. The window that appears will depend on your setup.

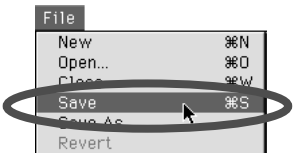
8

If you selected **"Other"** for Model, double-click the appropriate icon in the setting window to make settings for your MIDI equipment.

(For details refer to the documentation included with your software.)

9

From the File menu, select **[Save]**, and save your settings.



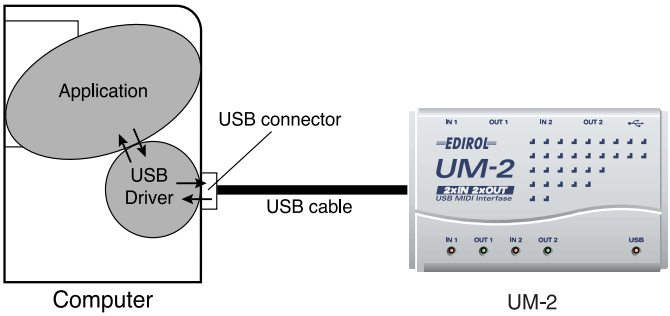
This completes driver settings.

Installation & Einrichtung des Treibers

Bevor Sie das UM-2 verwenden können, müssen Sie den UM-2-Treiber installieren. Der UM-2 Treiber befindet sich auf der **"UM-2 Driver CD-ROM."** (UM-Treiber-CD)

■ Was ist der UM-2-Treiber?

Der UM-2-Treiber ist Software, die Daten zwischen dem UM-2 und der Anwendung (Sequenzer-Software etc.) überträgt, die auf dem an die USB-Schnittstelle angeschlossenen Computer ausgeführt wird.
Der UM-2-Treiber sendet die Daten der der Anwendung an das UM2 und überträgt die Daten des UM-2 an die Anwendung.



Die Beschreibung der Installation und Einrichtung des Treibers wurde entsprechend dem Computer und MIDI-Treiber organisiert, den Sie benutzen. Bitte lesen Sie deshalb auf den nachfolgend genannten Seiten weiter.

WindowsXP-Anwender→ S.35

Windows 98- / Me-Anwender→ S.41

Windows 2000-Anwender→ S.46

Verwendung von OMS auf dem Macintosh → S.53

Verwendung von FreeMIDI auf dem Macintosh → S.57

Windows XP-Anwender

1

Starten Sie Windows, wobei das UM-2 ausgesteckt ist.

Stecken Sie alle USB-Kabel außer der USB-Tastatur und der USB-Maus aus (falls vorhanden).

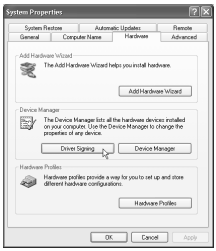
2

Öffnen Sie das Dialogfeld **Systemeigenschaften**.

1. Klicken Sie auf die Windows-Schaltfläche **[Start]** und wählen Sie im daraufhin angezeigten Menü **Systemsteuerung**.
2. Klicken Sie in **"Wählen Sie eine Kategorie"** auf **"Leistung und Wartung"**.
3. Klicken Sie in **"oder wählen Sie ein Systemsteuerungssymbol"** auf das Symbol **System**.

3

Klicken Sie auf die Registerkarte **Hardware** und klicken Sie anschließend auf **[Treibersignierung]**.



Öffnen Sie das Dialogfeld **Treibersignaturoptionen**.

4

Prüfen Sie, ob **"Wie soll Windows vorgehen?"** auf **"Ignorieren"** eingestellt ist.



Wenn **"Ignorieren"** eingestellt ist, klicken Sie einfach auf **[OK]**.
Wenn **"Ignorieren"** nicht eingestellt ist, notieren Sie sich die aktuelle Einstellung ("Warnen" oder "Sperren"). Anschließend ändern Sie die Einstellung auf **"Ignorieren"** und klicken auf **[OK]**.
Nachdem Sie den Treiber installiert haben, stellen Sie die ursprünglichen Einstellungen wieder her.
(→ **Wenn Sie "Wie soll Windows vorgehen?" geändert haben** (S. 39))

NOTE

Wenn Sie Windows XP Professional verwenden, müssen Sie sich mit einem Benutzernamen vom Typ Administrationskonto (zum Beispiel Administrator) anmelden. Einzelheiten zu Benutzerkonten erfahren Sie vom Systemadministrator Ihres Computers.

MEMO

Abhängig von der Konfiguration Ihres Systems kann es vorkommen, dass das Symbol **System** sofort in der **Systemsteuerung** (in der klassischen Anzeige) angezeigt wird. Doppelklicken Sie in diesem Fall auf das **System**-Symbol.

MEMO

Wenn Sie **"Wie soll Windows vorgehen?"** in **Schritt 4** geändert haben, müssen Sie die vorherigen Einstellungen wieder herstellen, nachdem Sie den Treiber installiert haben. (→**Wenn Sie "Wie soll Windows vorgehen?" geändert haben** (S. 39))

5

Klicken Sie auf **[OK]**, um das Dialogfeld **Systemeigenschaften** zu schließen.

6

Beenden Sie alle aktuell ausgeführten Programme (Anwendungen).

Schließen Sie außerdem alle noch geöffneten Programmfenster. Wenn Sie ein Virenschutzprogramm oder ähnliche Software verwenden, müssen Sie diese ebenfalls beenden.

7

Halten Sie die CD-ROM bereit.

Legen Sie die CD-ROM in das CD-ROM-Laufwerk Ihres Computers ein.

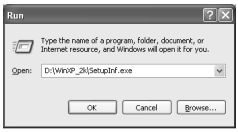
8

Klicken Sie auf die Windows-Schaltfläche **Start**. Wählen Sie im daraufhin angezeigten Menü die Option **"Ausführen..."**.

Öffnen Sie das Dialogfeld **Ausführen...**.

9

Geben Sie im angezeigten Dialogfeld Folgendes in das Feld **"Öffnen"** ein und klicken Sie auf **[OK]**.



D:\WinXP_2K\Setupinf.exe

* *Der Laufwerknamen **"D:"** kann auf Ihrem System anders lauten. Geben Sie statt dessen den Laufwerknamen Ihres CD-ROM-Laufwerks an.*

MEMO

In diesem Dokument wird die Position der Ordner und Dateien als Dateipfade unter Verwendung von \ als Trennzeichen angegeben. Zum Bsp. informiert Sie **WINXP_2K\SETUPINF.EXE** darüber, dass die Datei **SETUPINF.EXE** im Ordner **WINXP_2K** befindet.

10

Das Dialogfeld **SetupInf** wird angezeigt.

Jetzt kann der Treiber installiert werden.



11

Verwenden Sie das USB-Kabel, um das UM-2 an Ihren Computer anzuschließen.

Der Computer zeigt neben der Task-Leiste folgende Meldung an: **“Neue Hardware gefunden”**. Bitte warten Sie.

MEMO

Dieses Gerät ist mit einem Schutzschaltkreis ausgestattet. Nach dem Anschluss eines USB-Steckers benötigt das Gerät eine kurze Zeitspanne (einige Sekunden), bis es den normalen Betrieb aufnimmt.

12

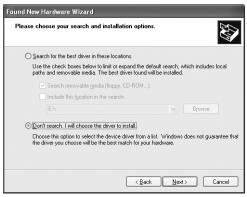
Der **Assistent für das Suchen neuer Hardware** erscheint.



Prüfen Sie, ob der Bildschirm **“EDIROL UM-2”** anzeigt, wählen Sie **“Software von einer Liste oder bestimmten Quelle installieren (für fortgeschrittene Benutzer)”** und klicken Sie auf **[Weiter]**.

13

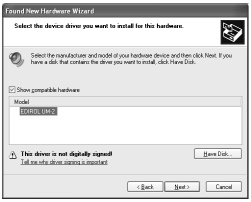
Im Bildschirm wird folgende Meldung angezeigt: **“Wählen Sie die Such- und Installationsoptionen”**.



Wählen Sie **“Nicht suchen, sondern den zu installierenden Treiber selbst wählen”**, und klicken Sie auf **[Weiter]**.

14

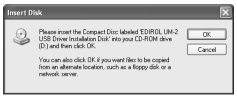
Prüfen Sie, ob das Feld **“Modell” “EDIROL UM-2”** anzeigt und klicken Sie auf **[Weiter]**. Die Installation des Treibers beginnt.



15

Das Dialogfeld **Diskette einlegen** wird angezeigt.

Klicken Sie auf **[OK]**.



MEMO

Das Dialogfeld **Diskette einlegen** wird eventuell nicht angezeigt. Arbeiten Sie in diesem Fall mit **Schritt 16** weiter.

16

Das Dialogfeld **Benötigte Dateien** wird angezeigt. Geben Sie im angezeigten Dialogfeld Folgendes in das Feld **“Dateien kopieren von”** ein und klicken Sie auf **[OK]**.

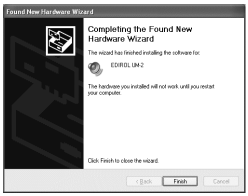


D:\WinXP_2K

* *Der Laufwerknamen **“D:”** kann auf Ihrem System anders lauten. Geben Sie statt dessen den Laufwerknamen Ihres CD-ROM-Laufwerks an.*

17

Der **Assistent für das Suchen neuer Hardware** erscheint.



Prüfen Sie, ob **“EDIROL UM-2 ”** angezeigt wird und klicken Sie auf **[Beenden]**.
Warten Sie, bis die Meldung **“Neue Hardware gefunden”** in der Nähe der Task-Leiste angezeigt wird.

18

Nachdem der Treiber installiert wurde, wird das Dialogfeld **Geänderte Systemeinstellungen** angezeigt.

Klicken Sie auf **[Ja]**. Windows startet anschließend automatisch neu.

Wenn Sie "Wie soll Windows vorgehen?" geändert haben

Wenn Sie die Einstellung **"Wie soll Windows vorgehen?"** geändert haben, müssen Sie die ursprüngliche Einstellung nach dem Neustart von Windows wiederherstellen.

1. Wenn Sie **Windows XP Professional** verwenden, melden Sie sich in Windows mit dem Benutzernamen eines **Administrationskontos** an (z.B. Administrator).
2. Klicken Sie auf die Windows-Schaltfläche**[Start]** und wählen Sie im daraufhin angezeigten Menü **Systemsteuerung**.
3. Klicken Sie in **"Wählen Sie eine Kategorie"** auf **"Leistung und Wartung".**

   ** Abhängig von der Konfiguration Ihres Systems kann es vorkommen, dass das Symbol **System** sofort in der **Systemsteuerung** (in der klassischen Anzeige) angezeigt wird. Doppelklicken Sie in diesem Fall auf das **System**-Symbol.*
4. Klicken Sie in **"oder wählen Sie ein Systemsteuerungssymbol"** auf das Symbol **System**. Daraufhin werden die Systemeigenschaften angezeigt.
5. Klicken Sie auf die Registerkarte **Hardware** und klicken Sie anschließend auf **[Treibersignierung]**. Daraufhin werden die **Treibersignaturoptionen** angezeigt.
6. Stellen Sie die ursprünglichen Einstellungen für **"Wie soll Windows vorgehen?"** wieder her (entweder **"**Warnen**"** oder **"**Sperren**"**) und klicken Sie auf **"OK"**.
7. Klicken Sie auf **[OK]**. Das Dialogfeld **Systemeigenschaften** wird geschlossen.

■ Angabe des Ausgabeziels für die MIDI-Daten

1

Öffnen Sie die **Systemsteuerung**.

Klicken Sie in Windows auf **Start** und wählen Sie im daraufhin angezeigten Menü **Systemsteuerung**.

2

Öffnen Sie das Dialogfeld **Eigenschaften von Sounds und Audiogeräte**.

Klicken Sie in **"Wählen Sie eine Kategorie"** auf **"Sounds, Sprachein-/ausgabe und Audiogeräte"**. Klicken Sie danach in **"oder wählen Sie ein Systemsteuerungssymbol"** auf das Symbol **Sounds und Audiogeräte**.

3

Klicken Sie auf die Registerkarte **Audio**.

4

Klicken Sie bei **MIDI-Musikwiedergabe** auf das ▼, das sich rechts von **[Standardgerät]** befindet und wählen Sie folgende Option aus der angezeigten Liste aus.



EDIROL UM-2 MIDI1

5

Schließen Sie das Dialogfeld **Eigenschaften von Sounds und Audiogeräte**.
Klicken Sie auf **[OK]**, um die Konfiguration abzuschließen.

MEMO

Abhängig von der Konfiguration Ihres Systems kann es vorkommen, dass das Symbol **Sounds und Audiogeräte** sofort in der **Systemsteuerung** (in der klassischen Anzeige) angezeigt wird. In diesem Fall doppelklicken Sie auf das Symbol **Sounds und Audiogeräte**.

Windows 98- / Me-Anwender

Installieren Sie den UM-2-Treiber wie nachfolgend beschrieben.

* *Trennen Sie das UM-2 von Ihrem Computer, bevor Sie Windows starten.*

1

Starten Sie Windows, wobei alle USB-Kabel ausgesteckt sind. (Tastatur und Maus können angeschlossen bleiben)

2

Beenden sie alle Anwendungen, bevor Sie damit beginnen, den Treiber zu installieren.

3

Legen Sie die UM-2 Driver CD-ROM (UM-2 Treiber-CD) in das CD-ROM-Laufwerk ein.

4

Wählen Sie im Windows-Menü Startdie Option **"Ausführen."**



5

Geben Sie im Feld **"Öffnen"** des angezeigten Dialogfelds Folgendes ein: **"Q:\Win98_Me\Setupinf .exe"** und klicken Sie auf **"OK."**



* *Geben Sie anstatt des Laufwerknamens **Q:** den Laufwerknamen Ihres CD-ROM-Laufwerks ein.*

NOTE

Wenn das UM-2 bereits mit Ihrem Computer verbunden ist und die Meldung **"Neue Hardware gefunden"** angezeigt wird, wechseln Sie in den Ordner **UM-2 Driver CD-ROM** (UM-2-Treiber CD) mit dem Namen **Win98_Me**, öffnen die Datei **Readme_e.htm** und lesen den Abschnitt **"Troubleshooting"** (Fehlerbehebung) mit dem Titel **"You attempted to install using the above procedure, but were not able to." (Ein Installationsversuch mit oben beschriebenem Verfahren ist fehlgeschlagen)**

NOTE

Das UM-2 kann unter Windows 95 oder Windows NT nicht verwendet werden.

NOTE

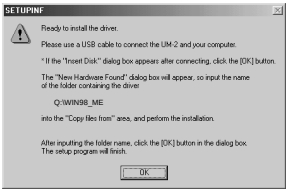
Wenn Sie das UM-2 gleichzeitig mit einem weiteren USB-Gerät verwenden möchten, das an Ihren Computer angeschlossen ist, trennen Sie das andere USB-Gerät vom USB-Anschluss, bevor Sie den UM-2-Treiber installieren. Wenn mit Ihrem Computer ein weiteres USB-Gerät verbunden ist, während Sie den UM-2-Treiber installieren, wird eventuell der UM-2-Treiber nicht korrekt installiert.

NOTE

Doppelklicken Sie auf das Symbol **Arbeitsplatz**, um den Laufwerknamen Ihres CD-ROM-Laufwerks zu prüfen.

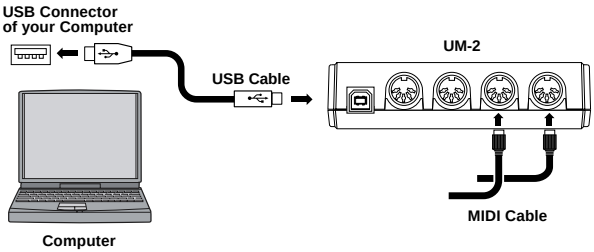
6

Das Dialogfeld SETUPINF erscheint, und in der Anzeige sehen Sie die Meldung **"Ready to install the driver.–" (Der neue Treiber kann jetzt installiert werden)**



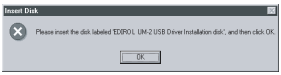
7

Verwenden Sie das USB-Kabel für den Anschluss des UM-2 an Ihren Computer.



8

In einigen Fällen kann das Dialogfeld **"Diskette einlegen"** angezeigt werden. Klicken Sie auf **"OK".**



9

Das Dialogfeld **"Neue Hardware gefunden"** wird angezeigt.

Geben Sie im Bereich **"Dateien kopieren von"** Folgendes ein: **"Q:\Win98_Me"** und klicken Sie auf die Schaltfläche **"OK"**. Die Installation wird abgeschlossen.



* *Ändern Sie den Laufwerknamen Q: auf den Laufwerknamen Ihres CD-ROM-Laufwerks. Wenn z.B. D: der Namen Ihres CD-ROM-Laufwerks ist, geben Sie „D:\Win98_Me" ein.*

NOTE

Wenn das Dialogfeld **"Ready to install the driver.---"** ("Der neue Treiber kann jetzt installiert werden") nicht erscheint, wechseln Sie auf der **UM-2 Driver CD-ROM** (UM-2 Treiber-CD) in den Ordner mit dem Namen **Win98_Me**, öffnen die Datei **Reademe_e.htm** und lesen den Abschnitt mit dem Titel **"Installation."**

MEMO

Wenn die Anzeige die Meldung **"The driver is already installed.–"** (Der Treiber wurde bereits installiert) ausgibt, können Sie das USB-Kabel des UM-2 mit dem Computer verbinden und das Gerät verwenden.

NOTE

Wenn in der Anzeige die Meldung **"The driver was not deleted completely.–" (Der Treiber wurde nicht vollständig gelöscht) erscheint,** lesen Sie bitte **Löschen des UM-2-Treibers** (S. 52), um den Treiber neu zu installieren.

NOTE

Um Fehlfunktionen und/oder Schäden an Lautsprechern oder anderen Geräten zu verhindern, reduzieren Sie stets die Lautstärke und schalten alle Geräte ab, bevor Sie die Verbindungen einrichten.

10

Klicken Sie auf die Schaltfläche **"OK"** im Dialogfeld **"SETUPINF"**.

Anschließend lesen Sie **Angabe des Ausgabeziels für die MIDI-Daten** (den folgenden Abschnitt), und nehmen die erforderlichen Einstellungen vor, um das UM-2 von Ihrem Computer aus benutzen zu können. Das UM-2 kann erst benutzt werden, nachdem Sie diese Einstellungen vorgenommen haben.

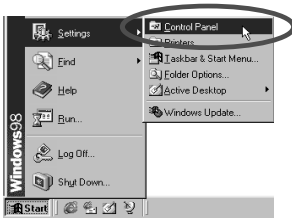
■ Angabe des Ausgabeziels für die MIDI-Daten

Hier können Sie Einstellungen für den UM-2-Treiber mit Anwendungen wie z.B. den**"Media Player"** vornehmen, der mit Windows mitgeliefert wird.

Windows 98-Benutzer

1

Klicken Sie auf die Windows-Schaltfläche **[Start]**, wählen Sie **[Einstellungen]** im daraufhin angezeigten Menü und wählen Sie **[Systemsteuerung]**.



2

Doppelklicken Sie anschließend in der Systemsteuerung auf **[Multimedia]** .



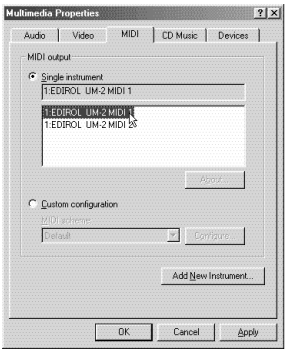
NOTE

Wenn Sie das UM-2 mit einem Sequenzer verwenden, sollten Sie das MIDI-Kabel, das an das UM-2 angeschlossen ist, nicht ausstecken, während ein Musikstück gespielt wird.

3

In Eigenschaften für Multimedia klicken Sie auf das Register **[MIDI]**.

Wählen Sie im Feld **"MIDI-Ausgabe"** die Option **[1: EDIROL UM-2 MIDI 1]** .



Die MIDI-Geräte entsprechen den MIDI-Anschlüssen wie folgt.

MIDI-Ausgabegerät	MIDI-Ausgabe-Anschluss
EDIROL UM-2 MIDI 1	MIDI OUT 1
EDIROL UM-2 MIDI 2	MIDI OUT 2

4

Klicken Sie auf **[OK]**.

5

Verwenden Sie ein MIDI-Kabel, um den **MIDI OUT 1-Anschluss** des UM-2 mit einem MIDI-Soundmodul zu verbinden.

6

Starten Sie den **Windows Media Player** oder **Media Player**, wählen Sie eine MIDI-Datei aus und spielen Sie sie ab.

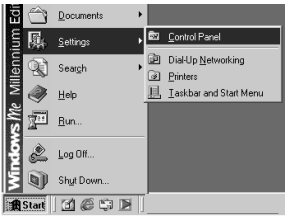
MEMO

Der Windows Media Player befindet sich im **Startmenü** -> **Programme-Zubehör-Unterhaltungsmedien-Windows Media Player**.

Windows Me-Benutzer

1

Klicken Sie auf die Windows-Schaltfläche **[Start]**, wählen Sie **[Einstellungen]** im daraufhin angezeigten Menü und wählen Sie **[Systemsteuerung]**.



2

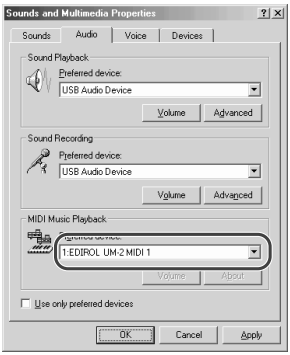
Doppelklicken Sie anschließend in der Systemsteuerung auf **[Sounds und Multimedia]** .



3

In Eigenschaften für Multimedia klicken Sie auf das Register **[Audio]**.

Wählen Sie im Feld **"MIDI-Musikwiedergabe"** die Option **[EDIROL UM-2 MIDI 1]** .



Die MIDI-Geräte entsprechen den MIDI-Anschlüssen wie folgt.

MIDI-Ausgabegerät	MIDI-Ausgabe-Anschluss
EDIROL UM-2 MIDI 1	MIDI OUT 1
EDIROL UM-2 MIDI 2	MIDI OUT 2

4

Klicken Sie auf **[OK]**.

5

Verwenden Sie ein MIDI-Kabel, um den **MIDI OUT 1-Anschluss** des UM-2 mit einem MIDI-Soundmodul zu verbinden.

6

Starten Sie den **Windows Media Player** oder **Media Player**, wählen Sie eine MIDI-Datei aus und spielen Sie sie ab.

NOTE

Wenn Sie das UM-2 mit einem Sequenzer verwenden, sollten Sie das MIDI-Kabel, das an das UM-2 angeschlossen ist, nicht ausstecken, während ein Musikstück gespielt wird.

MEMO

Abhängig von Ihren Einstellungen ist es möglich, dass "Sounds und Multimedia" in der Systemsteuerung nicht angezeigt wird. In diesem Fall klicken Sie auf **"View all Control Panel options"** (Alle Optionen der Systemsteuerung anzeigen).

MEMO

Der Windows Media Player befindet sich im **Startmenü** -> **Programme**-**Zubehör**-**Unterhaltungsmedien**-**Windows Media Player**.

Windows 2000-Benutzer

Installieren Sie den UM-2-Treiber wie anschließend beschrieben.

* *Stecken Sie das UM-2 aus Ihrem Computer aus, bevor Sie Windows starten.*

* *Um den Treiber zu installieren, müssen Sie sich in Windows als* ***Administrator*** *oder anderer Benutzer mit den Privilegien der Administratorengruppe anmelden. Weitere Informationen zur Vorgehensweise erhalten Sie von Ihrem Computersystemadministrator.*

1

Starten Sie Windows neu, wobei alle USB-Kabel ausgesteckt sind. (Tastatur und Maus können angeschlossen bleiben)

2

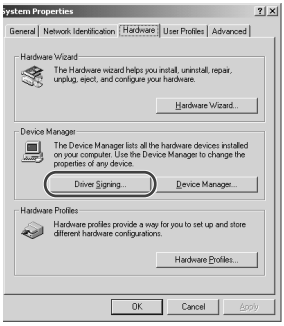
Melden Sie sich in Windows als **Administrator** oder anderer Benutzer an, der Mitglied der Administratorengruppe ist.

3

Beenden sie alle Anwendungen, bevor Sie mit der Installation beginnen.

4

Nehmen Sie die Einstellungen unter **"Treibersignierung"** vor.



Öffnen Sie die **"Systemsteuerung"** und doppelklicken Sie auf **"System."**
Klicken Sie auf die Registerkarte **Hardware** und klicken Sie anschließend auf **[Treibersignierung]**.
Daraufhin wird das Dialogfeld **Treibersignaturoptionen** angezeigt.

NOTE

Wenn das UM-2 bereits mit Ihrem Computer verbunden ist und die Meldung **"Neue Hardware gefunden"** angezeigt wird, wechseln Sie in den Ordner **UM-2 Driver CD-ROM** (UM-2 Treiber-CD) mit dem Namen **WinXP_2K**, öffnen die Datei **Readme_e.htm** und lesen den Abschnitt **"Troubleshooting"** (Fehlersuche) mit dem Titel **"You attempted to install using the above procedure, but were not able to." (Ein Installationsversuch mit oben beschriebenem Verfahren ist fehlgeschlagen)**

NOTE

Das UM-2 kann unter Windows 95 oder Windows NT nicht verwendet werden.

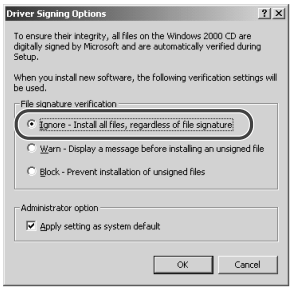
NOTE

Wenn Sie das UM-2 gleichzeitig mit einem weiteren USB-Gerät verwenden möchten, das an Ihren Computer angeschlossen ist, trennen Sie das andere USB-Gerät vom USB-Anschluss, bevor Sie den UM-2-Treiber installieren. Wenn mit Ihrem Computer ein weiteres USB-Gerät verbunden ist, während Sie den UM-2-Treiber installieren, wird eventuell der UM-2-Treiber nicht korrekt installiert.

5

Stellen Sie sicher, dass **"Dateisignaturverifizierung"** auf **"Ignorieren."** eingestellt ist.

Wenn **"Ignorieren"** eingestellt ist, klicken Sie auf **"OK."** Anderenfalls notieren Sie sich die aktuellen Einstellungen, ändern sie auf **"Ignorieren"** und klicken auf die Schaltfläche **"OK"**.



6

Klicken Sie auf die Schaltfläche **"OK"**, um die **"Systemeigenschaften."** zu schließen.

7

Legen Sie die UM-2 Driver CD-ROM (UM-2 Treiber-CD) in das CD-ROM-Laufwerk ein.

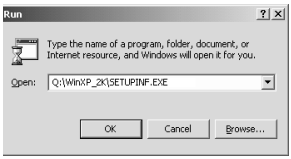
8

Wählen Sie im Windowsmenü Start **"Ausführen."**



9

Geben Sie im Feld **"Öffnen"** des angezeigten Dialogfelds Folgendes ein: **"Q:\WinXP_2K\Setupinf.exe"** und klicken Sie auf **[OK].**



* *Geben Sie anstatt des Laufwerknamens **Q:** den Laufwerknamen Ihres CD-ROM-Laufwerks ein.*

NOTE

Doppelklicken Sie auf das Symbol **Arbeitsplatz**, um den Laufwerknamen Ihres CD-ROM-Laufwerks zu prüfen.

10

Das Dialogfeld SETUPINF erscheint, und in der Anzeige sehen Sie die Meldung **“Ready to install the driver.–” (Der neue Treiber kann jetzt installiert werden)**



NOTE

Wenn das Dialogfeld **"Ready to install the driver.---"** (“Der neue Treiber kann jetzt installiert werden”) nicht erscheint, wechseln Sie auf der **UM-2 Driver CD-ROM**(UM-2 Treiber-CD) in den Ordner mit dem Namen **WinXP_2K**, öffnen die Datei **Reademe_e.htm** und lesen den Abschnitt mit dem Titel **"Installation."**

MEMO

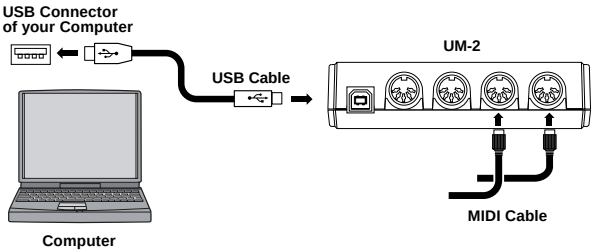
Wenn die Anzeige die Meldung **“The driver is already installed.–”** (Der Treiber wurde bereits installiert) ausgibt, können Sie das USB-Kabel des UM-2 mit dem Computer verbinden und das Gerät verwenden.

NOTE

Wenn in der Anzeige die Meldung **“The driver was not deleted completely.–” (Der Treiber wurde nicht vollständig gelöscht) erscheint,** lesen Sie bitte **Löschen des UM-2-Treibers** (S. 52), um den Treiber neu zu installieren.

11

Verwenden Sie das USB-Kabel für den Anschluss des UM-2 an Ihren Computer.

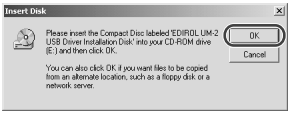


NOTE

Um Fehlfunktionen und/oder Schäden an Lautsprechern oder anderen Geräten zu verhindern, reduzieren Sie stets die Lautstärke und schalten alle Geräte ab, bevor Sie die Verbindungen einrichten.

12

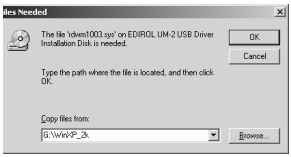
Das Dialogfeld **“Diskette einlegen”** wird angezeigt.



Klicken Sie auf die Schaltfläche **“OK”**.

13

Das Dialogfeld **"Benötigte Dateien"** wird angezeigt.

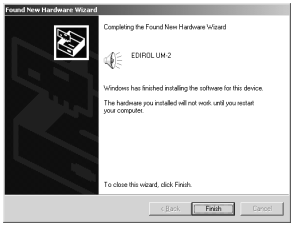


Geben Sie im Bereich **“Dateien kopieren von”** Folgendes ein: **“Q:\WinXP_2K”** und klicken Sie auf die Schaltfläche **“OK”**. Die Installation wird abgeschlossen.

* *Ändern Sie den Laufwerknamen Q: auf den Laufwerknamen Ihres CD-ROM-Laufwerks. Wenn z.B. D: der Namen Ihres CD-ROM-Laufwerks ist, geben Sie „D:\WinXP_2K“ ein.*

14

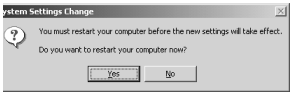
Der Assistent **"Neue Hardware gefunden"** wird angezeigt.



Prüfen Sie, ob **"EDIROL UM-2"** angezeigt wird, und klicken Sie auf die Schaltfläche **"Beenden"**.

15

Das Dialogfeld **"Geänderte Systemeinstellungen"** angezeigt.



Klicken Sie auf die Schaltfläche „Ja“ und starten Sie Windows neu.

16

Wenn Sie die Einstellungen für **"Dateisignaturverifizierung"** in **Schritt 5** geändert haben, sollten Sie die vorherigen Einstellungen wieder herstellen.

(Um die Einstellungen wiederherzustellen, muss sich der **Administrator** oder ein Benutzer, der zur Administratorengruppe gehört, in Windows anmelden.)

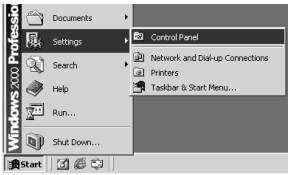
Anschließend lesen Sie **Angabe des Ausgabeziels für die MIDI-Daten** (den folgenden Abschnitt), und nehmen die erforderlichen Einstellungen vor, um das UM-2 von Ihrem Computer aus benutzen zu können. Das UM-2 kann erst benutzt werden, nachdem Sie diese Einstellungen vorgenommen haben.

■ Angabe des Ausgabeziels für die MIDI-Daten

Hier können Sie Einstellungen für den UM-2-Treiber mit Anwendungen wie z.B. den**"Media Player"** vornehmen, der mit Windows mitgeliefert wird.

1

Klicken Sie auf die Windows-Schaltfläche **[Start]**, wählen Sie **[Einstellungen]** im daraufhin angezeigten Menü und wählen Sie **[Systemsteuerung]**.



2

Doppelklicken Sie anschließend in der Systemsteuerung auf **[Sounds und Multimedia]** .

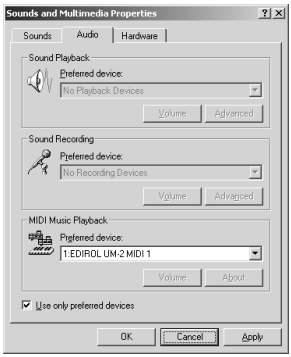


NOTE

Wenn Sie das UM-2 mit einem Sequenzer verwenden, sollten Sie das MIDI-Kabel, das an das UM-2 angeschlossen ist, nicht ausstecken, während ein Musikstück gespielt wird.

3

Klicken Sie auf das Register **"Audio"** und wählen Sie in **"MIDI-Musikwiedergabe"** die Option **"1:EDIROL UM-2 MIDI 1."** aus.



Die MIDI-Geräte entsprechen den MIDI-Anschlüssen wie folgt.

MIDI-Ausgabegerät	MIDI-Ausgabe-Anschluss
EDIROL UM-2 MIDI 1	MIDI OUT 1
EDIROL UM-2 MIDI 2	MIDI OUT 2

4

Klicken Sie auf **[OK]**.

5

Verwenden Sie ein MIDI-Kabel, um den **MIDI OUT 1-Anschluss** des UM-2 mit einem MIDI-Soundmodul zu verbinden.

6

Starten Sie den **Windows Media Player** oder **Media Player**, wählen Sie eine MIDI-Datei aus und spielen Sie sie ab.

MEMO

Der Windows Media Player befindet sich im **Startmenü** -> **Programme**-**Zubehör**-**Unterhaltungsmedien**-**Windows Media Player**.

Löschen des UM-2-Treibers

Wenn Sie den UM-2-Treiber entsprechend diesen Anweisungen nicht installieren konnten oder wenn Sie das UM-2 nach Installation des Treibers nicht benutzen konnten, müssen Sie den Treiber löschen.

Nach dem Löschen des Treibers gehen Sie wie in " **Installation & Einrichtung des Treibers" (S.34)** beschrieben vor, um den Treiber neu zu installieren.

Einzelheiten zum Löschen des Treibers finden Sie in der Erläuterung im Online-Handbuch auf der **UM-2 Driver CD-ROM** (UM-2 Treiber-CD)

Windows 98- / Me-Anwender

Öffnen Sie auf der **UM-2 Driver CD-ROM** (UM-2 Treiber-CD) den Ordner **Win98_Me**und öffnen Sie die Datei **Readme_e.htm**. Lesen Sie anschließend **"To uninstall."**

Windows XP / 2000-Benutzer

Öffnen Sie auf der **UM-2 Driver CD-ROM** (UM-2 Treiber-CD) den Ordner **WinXP_2K** und öffnen Sie die Datei **Readme_e.htm**. Lesen Sie anschließend **"To uninstall."**

Verwendung von OMS auf dem Macintosh

■ Installation des UM-2-Treibers

Installieren Sie den UM-2-Treiber wie nachfolgend beschrieben.

* *Trennen Sie das UM-2 von Ihrem Computer, bevor Sie den Macintosh hochfahren.*
* *Beenden sie alle Anwendungen, bevor Sie damit beginnen, den Treiber zu installieren.*
* *Der UM-2-OMS-Treiber auf der CD-ROM wird als zusätzliches Modul angeboten, das die Verwendung von UM-2 mit OMS ermöglicht. Zu diesem Zweck muss OMS auf der Start-Festplatte bereits installiert sein.*

■ Weitere Informationen zu OMS

Wenn Sie mehr über OMS erfahren möchten, lesen Sie bitte **"OMS_2.3_Mac.pdf"** (Online-Handbuch), das sich im Ordner **"OMS 2.3.8E"** auf der CD-ROM befindet. Um **"OMS_2.3_Mac.pdf,"** lesen zu können, benötigen Sie den Adobe Acrobat Reader.

1

Doppelklicken Sie im Ordner **"UM-2 Driver E"** auf der CD-ROM auf das Symbol **"UM2 OMS Driver-E Installer"**.



2

Vergewissern Sie sich, dass OMS bereits an dem Ort installiert ist, wo der Treiber installiert werden wird, und klicken Sie auf **[Install]**.



3

Wenn die folgende Meldung angezeigt wird, klicken Sie auf **[Continue]** , alle anderen aktuell ausgeführten Anwendungen werden geschlossen und die Installation wird fortgesetzt.

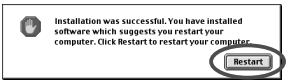


MEMO

Doppelklicken Sie auf das Installationssymbol **OMS 2.3.8** im Ordner **OMS 2.3.8E**, um OMS zu installieren.

4

Nachdem die Installation abgeschlossen ist, wird das folgende Dialogfeld angezeigt. Klicken Sie auf **[Restart]** , um den Macintosh neu zu starten.

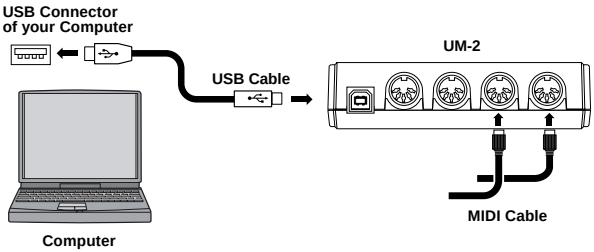


■ OMS-Einstellungen

* *Wenn noch andere MIDI-Geräte angeschlossen sind, müssen Sie alle Geräte ausschalten und anschließend die OMS-Einstellungen entsprechend den folgenden Schritten vornehmen.*

1

Verwenden Sie das USB-Kabel für den Anschluss des UM-2 an Ihren Computer.



2

Öffnen Sie im Ordner **"Opcode"** am Installationsort von OMS den Ordner **"OMS Applications"** (OMS-Anwendungen) und doppelklicken Sie auf das Symbol **"OMS Setup"**.



3

Wenn das Dialogfeld **"Apple Talk"** angezeigt wird, klicken Sie auf **[Turn It Off]**..



Klicken Sie im daraufhin angezeigten Dialogfeld auf **[OK]**.

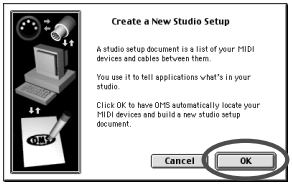
NOTE

Wenn Sie das UM-2 mit einem Sequenzer verwenden, sollten Sie das MIDI-Kabel, das an das UM-2 angeschlossen ist, nicht ausstecken, während ein Musikstück gespielt wird.

4

Das Dialogfeld **"Create a New Studio setup"** wird angezeigt.

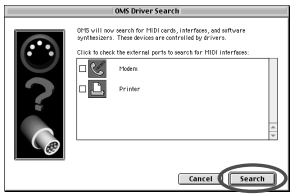
Klicken Sie auf **[OK]**.



5

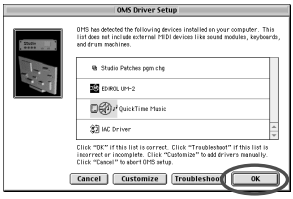
Das Dialogfeld **"OMS Driver Search"** wird angezeigt.

Klicken Sie auf **[Search]**.



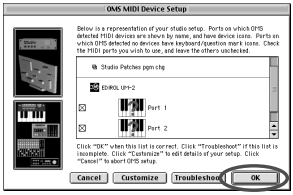
6

Nachdem die Suche beendet ist, sollten Sie sicherstellen, dass **"EDIROL UM-2"** im Dialogfeld **"OMS Driver Setup"** aufgelistet ist. Klicken Sie anschließend auf **[OK]**.



7

Nachdem Sie überprüft haben, ob das UM-2 im Dialogfeld **"OMS MIDI Device Setup"** aufgelistet wird, klicken Sie in jedes Kontrollkästchen für Port1 bis Port2, um alle Kästchen zu aktivieren, und klicken Sie anschließend auf **[OK]**.



MEMO

Wenn das Dialogfeld **"Create a New Studio setup"** nicht angezeigt wird, klicken Sie auf **[New Studio setup]** im Menü **[File]** .

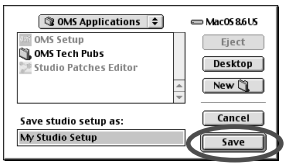
NOTE

Wenn ein Fehlerdialog während der Einrichtung angezeigt wird, sollten Sie alle MIDI-Kabel, die mit dem UM-2 verbunden sind, ausstecken und die OMS-Einstellungen erneut vornehmen.

8

Das Dialogfeld **"Save"** wird angezeigt.

Geben Sie den gewünschten Dateinamen ein und klicken Sie auf **[Save]**.



9

Wenn ein Soundmodul mit einem MIDI-Anschluss des UM-2 verbunden ist, wählen Sie **[Test Studio]** im Menü **[Studio Menu]** und prüfen Sie, ob Klang erzeugt wird.



NOTE

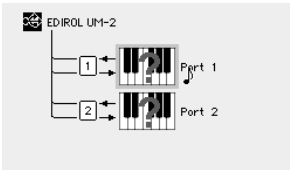
Wenn Sie nachfolgend genannte Schritte befolgen, wird ein relativ lauter Ton vom Soundmodul ausgegeben, Sie sollten daher die Lautstärke Ihres Soundmoduls reduzieren, bevor Sie weiterarbeiten.

10

Schalten Sie das MIDI-Gerät ein, das an das UM-2 angeschlossen ist.

11

Klicken Sie in **"My Studio Setup Window,"** auf das Tastatur-Symbol.



Wenn Sie den Mauszeiger in die Nähe des Tastatursymbols verschieben, nimmt der Mauszeiger die Form einer Achtelnote an. Prüfen Sie, ob aus Ihrem Soundmodul Sound ertönt.

* Port 1 ist MIDI IN / OUT 1 des UM-2
Port 2 ist MIDI IN / OUT 2 des UM-2

12

Nachdem Sie die oben beschriebene Prüfung abgeschlossen haben, verlassen Sie das OMS-Setup.

Damit sind die Treibereinstellungen abgeschlossen.

Verwendung von FreeMIDI auf dem Macintosh

■ Installation des UM-2-Treibers

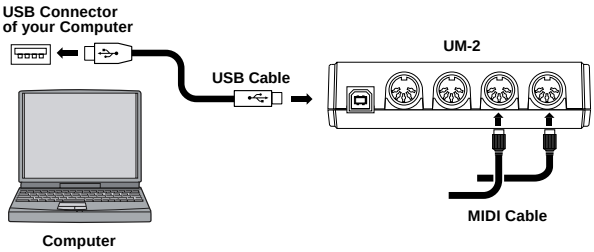
Installieren Sie den UM-2-Treiber wie anschließend beschrieben.

* *Trennen Sie das UM-2 von Ihrem Computer, bevor Sie den Macintosh hochfahren.*

* *Beenden sie alle Anwendungen, bevor Sie damit beginnen, den Treiber zu installieren.*

1

Verwenden Sie das USB-Kabel für den Anschluss des UM-2 an Ihren Computer.



2

Doppelklicken Sie im Ordner **"UM-2 Driver E"** auf der CD-ROM auf das Symbol **"UM2 FreeMIDI Driver-E Installer"**, um den Installer zu starten.



3

Klicken Sie auf **[Install]**.

Wenn das Dialogfeld erscheint, das Sie darüber informiert, dass alle aktuell ausgeführten Anwendungen verlassen werden, klicken Sie auf **[Continue]**.

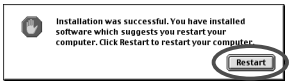


NOTE

Der UM-2-FreeMIDI-Treiber auf der CD-ROM wird als zusätzliches Modul angeboten, das den Einsatz des UM-2 mit FreeMIDI ermöglicht. Zu diesem Zweck muss FreeMIDI auf der Start-Festplatte bereits installiert sein.

4

Nach Abschluss der Installation klicken Sie auf **[Restart]**, um Ihren Computer neu zu starten.



Damit ist die Installation des UM-2-Treibers abgeschlossen. Als nächstes nehmen Sie die Einstellungen für FreeMIDI vor.

■ Einstellungen für FreeMIDI

1

Öffnen Sie den Ordner **"FreeMIDI Applications"** und doppelklicken Sie auf das Symbol **"FreeMIDI Setup"**.



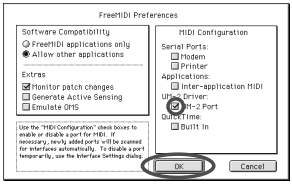
2

Wenn FreeMIDI zum ersten Mal gestartet wird, wird das Dialogfeld **"Welcome to FreeMIDI!"** (Willkommen zu FreeMIDI) angezeigt. Klicken Sie auf **[Continue]** (Weiter).

Wenn der Aufruf zum zweiten Mal oder später erfolgt, wählen Sie im Menü File (Datei) die Option **"FreeMIDI Preferences"** (Benutzereinstellungen).

3

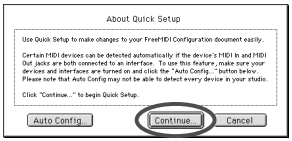
Aktivieren Sie im Dialogfeld **"FreeMIDI Preferences"** die Option **"UM-2 Port"** unterhalb von UM-2 Driver in MIDI Configuration, und klicken Sie anschließend auf **[OK]**.



4

Daraufhin wird das Dialogfeld **About Quick Setup** (Über Quick Setup) angezeigt.

Klicken Sie auf **[Continue]** (Weiter).



NOTE

Wenn Sie das UM-2 mit einem Sequenzer verwenden, sollten Sie das MIDI-Kabel, das an das UM-2 angeschlossen ist, nicht ausstecken, während ein Musikstück gespielt wird.

MEMO

Sie werden eine Versionsnummer sehen, die nach dem Symbolnamen **"FreeMIDI Setup"** angegeben wird.

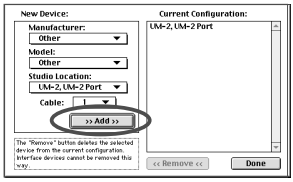
NOTE

Wenn das Dialogfeld nicht **"UM-2 Driver"** anzeigt, sollten Sie prüfen, ob das UM-2 richtig angeschlossen ist und FreeMIDI Setup erneut starten.

MEMO

Wenn das Dialogfeld **About Quick Setup** nicht angezeigt wird, wählen Sie **Quick Setup...** im Menü **Configuration** (Konfiguration).

5



Wählen Sie im angezeigten Dialogfeld die MIDI-Geräte aus, die mit den Anschlüssen des UM-2 verbunden sind, und klicken Sie auf **[>>Add>>]**.

Manufacturer:
Wählen Sie den Hersteller Ihres MIDI-Geräts aus. Wenn der entsprechende Hersteller nicht in der Liste angezeigt wird, klicken Sie auf **"Other."**

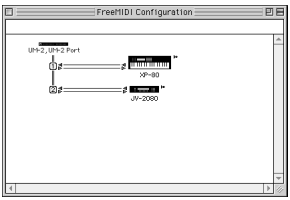
Model:
Wählen Sie das Modell Ihres MIDI-Geräts aus. Wenn das entsprechende Modell nicht in der Liste angezeigt wird, klicken Sie auf **"Other."**

Studio Location:
Wählen Sie **"UM-2,"** und wählen Sie für **"Cable"** (Kabel), das unterhalb davon angezeigt wird, den Anschluss aus, mit dem Ihr MIDI-Gerät verbunden ist.

6

Wenn zwei MIDI-Geräte angeschlossen sind, wiederholen Sie **Schritt 5.**

7



Nachdem diese Einstellungen vorgenommen wurden, klicken Sie auf **[Done]** (Fertig).

Ein Konfigurationsfenster ähnlich dem Abgebildeten wird angezeigt.

8

Wenn Sie als Modell **"Other"** ausgewählt haben, doppelklicken Sie auf das entsprechende Symbol im Konfigurationsfenster für Ihre MIDI-Geräte.

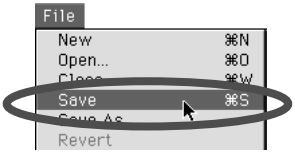
(Einzelheiten finden Sie in der Dokumentation, die Ihrer Software beiliegt.)

MEMO

Dabei handelt es sich nur um ein Beispiel. Das angezeigte Fenster wird von Ihrer Konfiguration abhängen.

9

Wählen Sie im Menü File (Datei) die Option **[Save]** (Speichern) und speichern Sie Ihre Einstellungen.



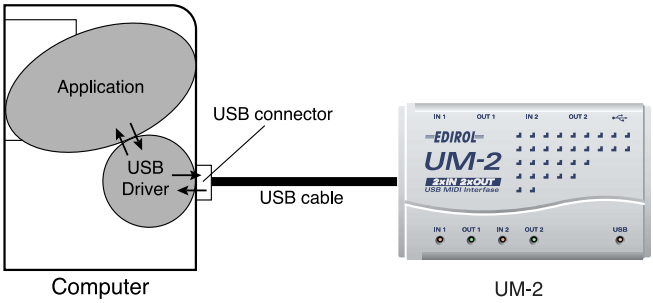
Damit sind die Treibereinstellungen abgeschlossen.

Installation et configuration du pilote

Pour pouvoir utiliser l'UM-2, vous devez d'abord installer son pilote. Le pilote de l'UM-2 est présent sur le **"CD-ROM Pilote UM-2"**

■ Qu'est-ce que le pilote UM-2 ?

Le pilote UM-2 est un logiciel chargé de gérer la transmission des données entre l'UM-2 et les applications (séquenceur, etc.) qui tournent sur l'ordinateur connecté par USB.
Le pilote UM-2 transmet les données de l'application à l'UM-2 et vice-versa.



Les explications concernant l'installation du pilote et sa configuration sont structurées en fonction de l'ordinateur et du pilote MIDI que vous utilisez. Reportez-vous à la section qui vous concerne :

Windows XP → P.62

Windows 98 / Me → P.68

Windows 2000 → P.73

Utilisation d'OMS sur le Macintosh → P.79

Utilisation de FreeMIDI sur le Macintosh → P.83

Windows XP

1

L'UM-2 étant débranché, démarrez Windows.

Débranchez tous les câbles USB, à l'exception de ceux du clavier et de la souris (le cas échéant).

2

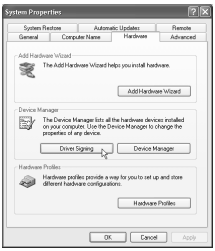
Ouvrez la boîte de dialogue **Propriétés Système**.

1. Cliquez sur le menu **Démarrer** de Windows, puis dans le menu qui s'affiche, choisissez **Panneau de configuration**.
2. Dans **"Choisissez une catégorie"**, cliquez sur **"Performances et maintenance"**.
3. Dans **"ou choisissez une icône du Panneau de configuration"**, cliquez sur l'icône **Système**.

3

Cliquez sur l'onglet **Matériel**, puis cliquez sur **[Signature du pilote]**.

Ouvrez la boîte de dialogue **Options de signature des pilotes**.



4

Vérifiez que le paramètre **"Que voulez-vous faire ?"** est défini sur **"Ignorer"**.



Si ce paramètre est réglé sur **"Ignorer"**, cliquez sur **[OK]**. S'il n'est pas défini sur **"Ignorer"**, notez le paramètre indiqué ("Avertir" ou "Bloquer"). Choisissez ensuite **"Ignorer"** et cliquez sur **[OK]**.
Après avoir installé le pilote, restaurez le paramètre d'origine. (→ **Si vous avez modifié "Que voulez-vous faire ?"** (p. 66))

NOTE

Si vous utilisez Windows XP Professional, vous devez ouvrir une session avec un nom d'utilisateur disposant des droits d'administrateur. Pour plus de détails sur les comptes utilisateur, veuillez prendre contact avec l'administrateur système de votre ordinateur.

MEMO

Selon la configuration de votre ordinateur, l'icône **Système** s'affiche peut-être dans le **Panneau de configuration** (Vue classique). Dans ce cas, cliquez deux fois sur l'icône **Système**.

MEMO

Si vous avez modifié **"Que voulez-vous faire ?"** à l'**étape 4**, vous devez restaurer le réglage précédent après installation du pilote. (→ **Si vous avez modifié "Que voulez-vous faire ?"** (p. 66))

5

Cliquez sur **[OK]** pour fermer la boîte de dialogue **Propriétés système**.

6

Quittez tous les logiciels (applications) actifs.

Fermez également toutes les fenêtres éventuellement ouvertes. Si vous utilisez un anti-virus, quittez-le également.

7

Munissez-vous du CD-ROM.

Introduisez-le dans le lecteur de CD de votre ordinateur.

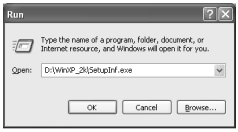
8

Cliquez sur le bouton **Démarrer** de Windows. Dans le menu qui s'affiche, sélectionnez **"Exécuter..."**.

Ouvrez la boîte de dialogue **"Exécuter..."** (voir ci-dessous).

9

Dans la boîte de dialogue qui s'affiche, tapez ce qui suit dans le champ **"Ouvrir"**, puis cliquez sur **[OK]**.



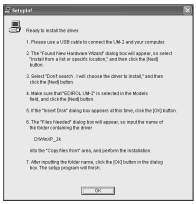
D:\WinXP_2K\Setupinf.exe

* *La lettre du lecteur **"D:"** n'est pas forcément celle de votre ordinateur. Tapez la lettre affectée au lecteur de CD de votre ordinateur (par exemple, E: ou F:).*

10

La boîte de dialogue **SetupInf** s'affiche.

Vous êtes maintenant prêt à installer le pilote.



MEMO

Dans ce document, l'emplacement des dossiers et des fichiers est donné en termes de chemin, avec **** comme délimiteur.
Par exemple, **WinXP_2K\SETUPINF.EXE** signifie le fichier **SETUPINF.EXE** se trouvant dans le dossier **WinXP_2K**.

11

Utilisez le câble USB pour connecter l'UM-2 à l'ordinateur.

Près de la barre des tâches, votre ordinateur indique **“Nouveau matériel détecté”**. Veuillez patienter.

12

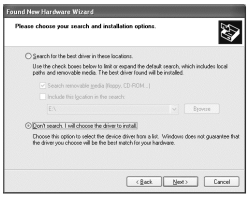
La boîte de dialogue **Assistant ajout de nouveau matériel** s'affiche.



Vérifiez que l’écran indique **“EDIROL UM-2”** sélectionnez **“Installer à partir d’une liste ou d’un emplacement spécifique (Avancé)”** puis cliquez sur **[Suivant]**.

13

L’écran indiquera **“Veuillez choisir vos options de recherche et d’installation”**.



Sélectionnez **“Ne pas rechercher. Je vais choisir le pilote à installer”**, puis cliquez sur **[Suivant]**.

14

Vérifiez que le champ **“Modèle”** indique **“EDIROL UM-2”** puis cliquez sur **[Suivant]**. L’installation du pilote commence.



MEMO

Cet appareil est équipé d'un circuit de protection. Lors de la connexion au port USB, attendez quelques secondes avant d'utiliser l'appareil.

15

La boîte de dialogue **Insérez le disque** s'affiche.



Cliquez sur **[OK]**.

16

La boîte de dialogue **Fichiers nécessaires** s'affiche. Tapez ce qui suit dans le champ **"Copier les fichiers depuis"**, puis cliquez sur **[OK]**.



D:\WinXP_2K

* *La lettre du lecteur **"D:"** n'est pas forcément celle de votre ordinateur. Tapez la lettre affectée au lecteur de CD de votre ordinateur (par exemple, E: ou F:).*

17

La boîte de dialogue **Assistant ajout de nouveau matériel** s'affiche.



Vérifiez que **"EDIROL UM-2"** est affiché, puis cliquez sur **[Terminer]**.
Attendez que **"Nouveau matériel détecté"** s'affiche près de la barre des tâches.

18

Une fois l'installation du pilote terminée, la boîte de dialogue **Modification des paramètres système** s'affiche.

Cliquez sur **[Oui]**. Windows redémarre automatiquement.

MEMO

La boîte de dialogue **Insérez le disque** ne s'affiche pas. Dans ce cas, passez à l'**étape 16**.

Si vous avez modifié “Que voulez-vous faire ?”

Si vous avez modifié **“Que voulez-vous faire ?”** restaurez le paramètre d’origine après le redémarrage de Windows.

1. Si vous utilisez **Windows XP Professional**, vous devez ouvrir une session avec un nom d’utilisateur disposant des **droits d’administrateur**.
2. Cliquez sur le menu **Démarrer** de Windows, puis dans le menu qui s’affiche, choisissez **Panneau de configuration**.
3. Dans **“Choisissez une catégorie”**, cliquez sur **“Performances et maintenance”**.

   ** Selon la configuration de votre ordinateur, l’icône **Système** s’affiche peut-être dans le **Panneau de configuration** (Vue classique). Dans ce cas, cliquez deux fois sur l’icône **Système**.*
4. Dans **“ou choisissez une icône du Panneau de configuration”**, cliquez sur l’icône **Système**. La boîte de dialogue “Propriétés système” s'affiche.
5. Cliquez sur l’onglet **Matériel**, puis cliquez sur **[Signature du pilote]**. La boîte de dialogue **Options de signature du pilote** s'affiche.
6. Restaurez le paramètre **“Que voulez-vous faire ?”** (“Avertir” ou “Bloquer”), puis cliquez sur **[OK]**.
7. Cliquez sur **[OK]**. La boîte de dialogue **Propriétés Système** se ferme.

■ Destination de sortie des données MIDI

1

Ouvrez le **Panneau de configuration**.

Cliquez sur le bouton **Démarrer** de Windows, puis dans le menu qui s'affiche, choisissez **Panneau de configuration**.

2

Ouvrez la boîte de dialogue **Propriétés sons et périphériques multimédia**

Dans **"Choisissez une catégorie"**, cliquez sur **"Son, voix et périphériques audio"**. Dans **"ou choisissez une icône du Panneau de configuration"**, cliquez sur l'icône **Sons et périphériques audio**.

3

Cliquez sur l'onglet **Audio**.

4

Pour **Lecture MIDI**, cliquez sur le ▼ situé à droite de **[Périphérique par défaut]** puis sélectionnez ce qui suit dans la liste qui s'affiche.

EDIROL UM-2 MIDI1



5

Fermez la boîte de dialogue **Propriétés Son et périphériques multimédia**.
Cliquez sur **[OK]** pour terminer les réglages.

MEMO

Selon la configuration de votre ordinateur, l'icône **Sons et périphériques audio** s'affiche peut-être dans le **Panneau de configuration** (Vue classique). Dans ce cas, cliquez deux fois sur l'icône **Sons et périphériques audio**.

Utilisateur de Windows 98 / Me

Appliquez la procédure suivante pour installer le pilote UM-2.

* *Déconnectez l'UM-2 de votre ordinateur avant de démarrer celui-ci.*

1

Démarrez Windows avec tous les câbles USB débranchés. (sauf ceux du clavier et de la souris)

2

Quittez toutes les applications en cours avant de procéder à l'installation.

3

Insérez le CD-ROM du pilote UM-2 dans le lecteur de CD-ROM.

4

Dans le menu Démarrer de Windows, sélectionnez **"Exécuter"**



5

Dans le champ **"Ouvrir"** de la boîte de dialogue qui s'affiche, tapez **"Q:\Win98_Me\Setupinf.exe"** et cliquez sur **"OK."**



* *Tapez la lettre (**Q:**) correspondant au nom de votre lecteur de CD-ROM (par exemple, D: ou E:).*

NOTE

Si l'UM-2 est déjà connecté à votre ordinateur et que le message **"Assistant ajout de nouveau matériel"** est affiché, accédez au dossier **UM-2 Driver CD-ROM** appelé **Win98_Me**, ouvrez le fichier **Readme_e.htm**, et lisez la section **"Troubleshooting" "You attempted to install using the above procedure, but were not able to."**

NOTE

L'UM-2 ne peut être utilisé avec Windows 95 ou Windows NT.

NOTE

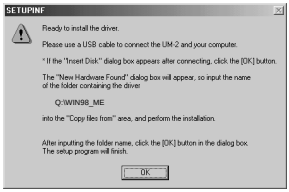
Si vous désirez utiliser l'UM-2 en même temps qu'un autre périphérique USB connecté à votre ordinateur, débranchez le périphérique du connecteur USB avant d'installer le pilote UM-2. Si vous ne débranchez pas ce périphérique, l'installation du pilote UM-2 risque d'échouer.

NOTE

Pour vérifier le nom de votre lecteur de CD-ROM, cliquez deux fois sur l'icône **Poste de travail**.

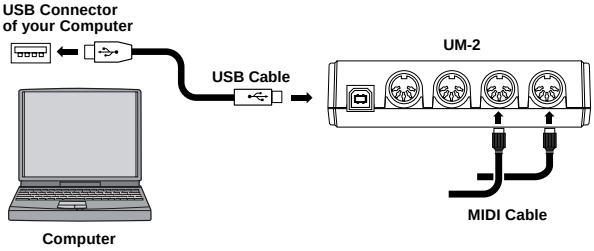
6

La boîte de dialogueSETUPINF apparaît, et affiche **“Ready to install the driver.–”**



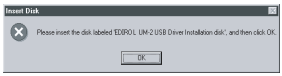
7

Utilisez le câble USB pour connecter l'UM-2 à l’ordinateur.



8

Dans certains cas, la boîte de dialogue **“Insert Disk”** (Insérez le disque) ne s'affiche pas. Cliquez sur **“OK”.**



9

La boîte de dialogue **"Nouveau matériel détecté"** s'affiche.

Dans la zone **“Copier les fichiers depuis”**, tapez **“Q:\Win98_Me”** et cliquez sur le bouton **“OK”**. L'installation ira à son terme.



* *Changez la lettre attribuée au lecteur de CD-ROM (Q) correspondant au nom de votre lecteur de CD-ROM (par exemple, D: ou E:). Si votre lecteur de CD-ROM s'appelle D:, vous taperez “D: \ Win98_Me”.*

NOTE

Si la boîte de dialogue **"Ready to install the driver.---"** ne s'affiche pas, accédez au dossier **UM-2 Driver CD-ROM** appelé **Win98_Me**, ouvrez le fichier **Reademe_e.htm** et lisez la section intitulée **"Installation."**

MEMO

Si le message suivant s'affiche : **“The driver is already installed.–”**, vous pouvez connecter le câble USB de l'UM-2 à l'ordinateur et utiliser l'appareil.

NOTE

Si l’affichage indique **“The driver was not deleted completely.–”**, reportez-vous à **Suppression du pilote UM-2** (p. 78) pour réinstaller le pilote.

NOTE

Afin d’éviter un mauvais fonctionnement et / ou d’endommager les haut-parleurs et autres périphériques, diminuez toujours le volume et mettez toujours les périphériques hors tension avant d’effectuer toute

10

Cliquez sur **"OK"** dans la boîte de dialogue **"SETUPINF"**.

Reportez-vous ensuite à la section **Destination de sortie pour les données MIDI** (la section suivante) et paramétrez l'UM-2 pour l'utiliser à partir de votre ordinateur. Sans ces réglages, il ne vous sera pas possible d'utiliser l'UM-2.

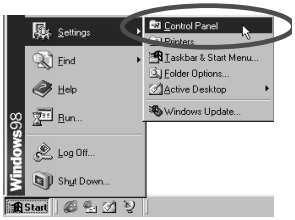
■ Destination de sortie des données MIDI

Cette section explique comment paramétrer le pilote UM-2 avec des applications comme **"Media Player"**, compris dans Windows.

Windows 98

1

Cliquez sur le bouton **[Démarrer]** de Windows, sélectionnez **[Paramètres]** et, dans le menu qui s'affiche, **[Panneau de configuration]**.



2

Dans le Panneau de configuration, cliquez deux fois sur l'icône **Multimédia**.



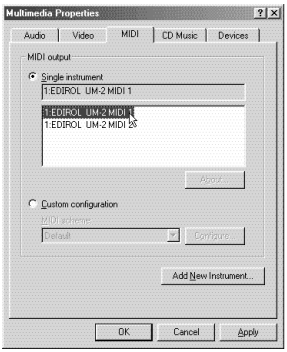
NOTE

Si vous utilisez l'UM-2 avec un séquenceur, ne déconnectez pas le câble MIDI relié à l'UM-2 pendant la lecture d'un morceau.

3

Dans Propriétés de Multimédia, cliquez sur l'onglet **[MIDI]**.

Dans le champ **"Lecture MIDI"**, sélectionnez **[1: EDIROL UM-2 MIDI 1]** .



La correspondance entre appareils et ports MIDI est indiquée ci-après.

Périphérique de sortie MIDI	Port de sortie MIDI
EDIROL UM-2 MIDI 1	MIDI OUT 1
EDIROL UM-2 MIDI 2	MIDI OUT 2

4

Cliquez sur **[OK]**.

5

Utilisez un câble MIDI pour relier le **connecteur MIDI OUT 1** de l'UM-2 à un module de sons MIDI.

6

Démarrez **Windows Media Player** ou **Media Player**, sélectionnez un fichier MIDI et jouez-le.

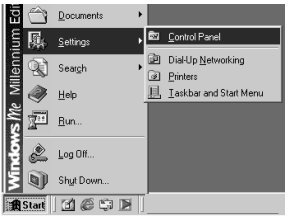
MEMO

Windows Media Player se trouve dans **Démarrer** -> **Programmes**-**Accessoires**-**Multimédia**-**Windows Media Player**.

Windows Me

1

Cliquez sur le bouton **[Démarrer]** de Windows, sélectionnez **[Paramètres]** et, dans le menu qui s'affiche, **[Panneau de configuration]**.



2

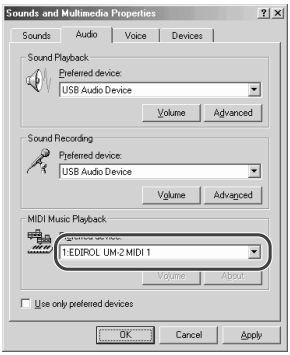
Dans le Panneau de configuration, cliquez deux fois sur l'icône **[Sons et multimédia]**.



3

Dans Propriétés de Multimédia, cliquez sur l'onglet **[Audio]**.

Dans le champ **"Lecture MIDI"**, sélectionnez **[EDIROL UM-2 MIDI 1]** .



La correspondance entre appareils et ports MIDI est expliquée ci-après.

Périphérique de sortie MIDI	Port de sortie MIDI
EDIROL UM-2 MIDI 1	MIDI OUT 1
EDIROL UM-2 MIDI 2	MIDI OUT 2

4

Cliquez sur **[OK]**.

5

Utilisez un câble MIDI pour relier le **connecteur MIDI OUT 1** de l'UM-2 à un module de sons MIDI.

6

Démarrez **Windows Media Player** ou **Media Player**, sélectionnez un fichier MIDI et jouez-le.

NOTE

Si vous utilisez l'UM-2 avec un séquenceur, ne déconnectez pas le câble MIDI relié à l'UM-2 pendant la lecture d'un morceau.

MEMO

Selon vos réglages, il se peut que "Sons et Multimédia" ne s'affiche pas dans le "Panneau de configuration." Si tel est le cas, cliquez sur **"View all Control Panel options" (Afficher toutes les options du Panneau de configuration).**

MEMO

Windows Media Player se trouve dans **Démarrer** -> **Programmes**-**Accessoires**-**Multimédia**-**Windows Media Player**.

Windows 2000

Appliquez la procédure suivante pour installer le pilote UM-2.

* *Déconnectez l'UM-2 de votre ordinateur avant de démarrer celui-ci.*

* *Pour installer le pilote, vous devez vous connecter à Windows en tant qu'**Administrateur** ou en tant qu'utilisateur doté des privilèges du groupe Administrateurs. Pour plus d'information, consultez votre administrateur système.*

1

Démarrez Windows avec tous les câbles USB débranchés (sauf le clavier et la souris).

2

Connectez-vous à Windows en tant qu'**Administrateur**, ou en tant qu'utilisateur doté des privilèges du groupe Administrateurs.

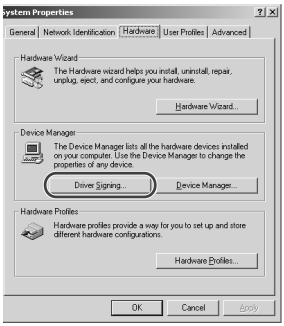
3

Quittez toutes les applications en cours avant de procéder à l'installation.

4

Réglez les paramètres de **"Driver Signing"**.

Ouvrez le **"Panneau de configuration"** et cliquez deux fois sur l'icône **"Système"**.
Cliquez sur l'onglet **"Profils matériel"**, puis sur **"Options de signature du pilote"**. La boîte de dialogue **"Options de signature du pilote"** s'affiche.



NOTE

Si l'UM-2 est déjà connecté à votre ordinateur et que le message **"Assistant ajout de nouveau matériel"** est affiché, accédez au dossier **UM-2 Driver CD-ROM** appelé **WinXP_2K**, ouvrez le fichier **Readme_e.htm**, et lisez la section **"Troubleshooting" "You attempted to install using the above procedure, but were not able to."**

NOTE

L'UM-2 ne peut être utilisé avec Windows 95 ou Windows NT.

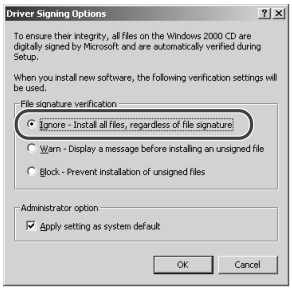
NOTE

Si vous désirez utiliser l'UM-2 en même temps qu'un autre périphérique USB connecté à votre ordinateur, débranchez cet appareil du connecteur USB avant d'installer le pilote UM-2. Si vous ne débranchez pas ce périphérique, l'installation du pilote UM-2 risque d'échouer.

5

Vérifiez que **"Vérification des signatures de fichiers"** est réglé sur **"Ignorer."**

S'il est réglé sur **"Ignorer",** cliquez sur **"OK."** Sinon, notez le réglage affiché, puis sélectionnez **"Ignorer"** et cliquez sur **"OK"**.



6

Cliquez sur le bouton**"OK"** pour fermer **"Propriétés système."**

7

Insérez le CD-ROM du pilote UM-2 dans le lecteur de CD-ROM.

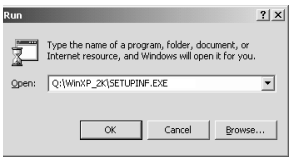
8

Dans le menu Windows Démarrer, sélectionnez **"Exécuter."**



9

Dans le champ **"Ouvrir"** de la boîte de dialogue qui s'affiche, tapez **Q:\WinXP_2K\Setupinf.exe** et cliquez sur **"OK."**



* *Tapez la lettre du lecteur **Q:** correspondant au nom de votre lecteur de CD-ROM (par exemple, D: ou E:)*

NOTE

Pour vérifier le nom de votre lecteur de CD-ROM, double-cliquez sur l'icône de **Poste de travail**.

10

La boîte de dialogueSETUPINF apparaît, et affiche **“Ready to install the driver.–”**



NOTE

Si la boîte de dialogue **"Ready to install the driver.---"** ne s'affiche pas, accédez au dossier **UM-2 Driver CD-ROM** appelé **WinXP_2K**, ouvrez le fichier **Reademe_e.htm** et lisez la section intitulée **"Installation."**

MEMO

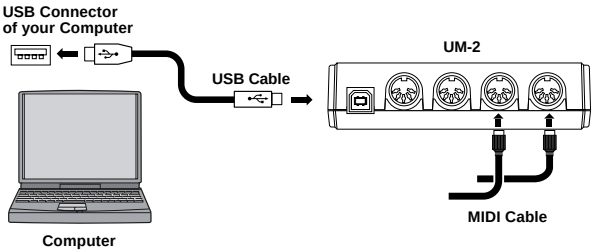
Si le message suivant s'affiche : **“The driver is already installed.–”**, vous pouvez connecter le câble USB de l'UM-2 à l'ordinateur et utiliser l'appareil.

NOTE

Si l’affichage indique **“The driver was not deleted completely.–”,** reportez-vous à **Suppression du pilote UM-2** (p. 78) pour réinstaller le pilote.

11

Utilisez le câble USB pour connecter l'UM-2 à l’ordinateur.



NOTE

Afin d’éviter un mauvais fonctionnement et / ou d’endommager les haut-parleurs et autres périphériques, diminuez toujours le volume et mettez toujours les périphériques hors tension avant d’effectuer toute connexion.

12

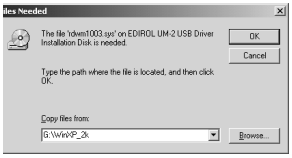
La boîte de dialogue **“Insert Disk” (Insérer le disque)** s'affiche.

Cliquez sur **“OK”**.



13

La boîte de dialogue **"Files Needed" (Fichiers requis)** s'affiche.

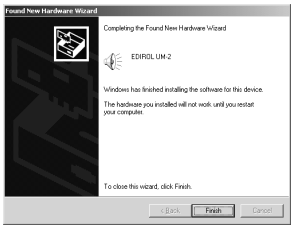


Dans la zone **"Copier les fichiers à partir de"**, tapez **"Q:\WinXP_2K"** et cliquez sur **"OK"**. L'installation ira à son terme.

* *Changez la lettre attribuée au lecteur de CD-ROM (Q) correspondant au nom de votre lecteur de CD-ROM (par exemple, D: ou E:). Par exemple, si votre lecteur de CD-ROM s'appelle D:, vous taperez "D:\ WinXP_2K".*

14

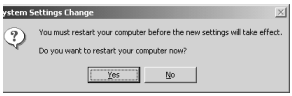
La boîte de dialogue **"Assistant ajout de nouveau matériel"** s'affiche.



Vérifiez que **"EDIROL UM-2 "** est bien affiché, puis cliquez sur **"Terminer"**.

15

La boîte de dialogue **"Modifier les paramètres système"** s'affiche.



Cliquez sur "Oui" pour redémarrer Windows.

16

Si vous avez changé le réglage de **"Vérification des signatures de fichiers"** à l'**étape 5**, revenez au réglage précédent.

(Pour restaurer le réglage, vous devez vous connecter à Windows en tant qu'**Administrateur** ou utilisateur appartenant à un groupe Administrateurs.)

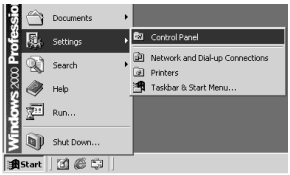
Reportez-vous ensuite à la section **Destination de sortie pour les données MIDI** (la section suivante) et paramétrez l'UM-2 pour l'utiliser à partir de votre ordinateur. Sans ces réglages, il ne vous sera pas possible d'utiliser l'UM-2.

■ Destination de sortie des données MIDI

Cette section explique comment paramétrer le pilote UM-2 avec des applications comme **"Lecteur Windows Media"** compris dans Windows.

1

Cliquez sur le bouton **[Démarrer]** de Windows, sélectionnez **[Paramètres]** et, dans le menu qui s'affiche, **[Panneau de configuration]**.



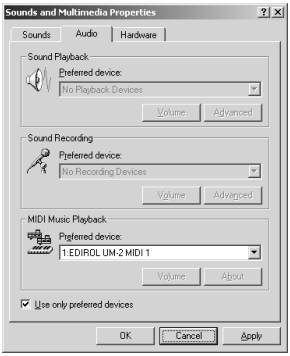
2

Dans le Panneau de configuration, cliquez deux fois sur l'icône **[Sons et multimédia]**.


Sounds and Multimedia

3

Cliquez sur l'onglet **"Audio"** et, dans **"Lecture MIDI"**, sélectionnez **"1:EDIROL UM-2 MIDI 1."**



La correspondance entre appareils et ports MIDI est expliquée ci-après.

Périphérique de sortie MIDI	Port de sortie MIDI
EDIROL UM-2 MIDI 1	MIDI OUT 1
EDIROL UM-2 MIDI 2	MIDI OUT 2

4

Cliquez sur **[OK]**.

5

Utilisez un câble MIDI pour relier le **connecteur MIDI OUT 1** de l'UM-2 à un module de sons MIDI.

6

Démarrez **Lecteur Windows Media** ou **Media Player**, sélectionnez un fichier MIDI et jouez-le.

NOTE

Si vous utilisez l'UM-2 avec un séquenceur, ne déconnectez pas le câble MIDI relié à l'UM-2 pendant la lecture d'un morceau.

MEMO

Le lecteur Windows Media se trouve dans **Démarrer** -> **Programmes**-**Accessoires**-**Divertissement**-**Lecteur Windows Media**.

Suppression du pilote UM-2

Si vous n'avez pas réussi à installer le pilote UM-2 avec la procédure décrite, ou si vous n'arrivez pas à faire fonctionner l'UM-2 après installation de son pilote, vous devez supprimer le pilote.

Après suppression du pilote, suivez la procédure décrite à la section "**Installation et configuration du pilote (p. 61)** pour réinstaller le pilote.

Pour plus d'information sur la suppression du pilote, reportez-vous aux explications comprises dans le manuel en ligne présent sur le **CD-ROM UM-2 Driver**.

Windows 98 / Me

Dans le dossier **UM-2 Driver CD-ROM Win98_Me**, ouvrez le fichier **Readme_e.htm** et lisez la section **"To uninstall."**

Windows XP / 2000

Dans le dossier **UM-2 Driver CD-ROM WinXP_2K**, ouvrez le fichier **Readme_e.htm** et lisez la section **"To uninstall."**

Utilisation d'OMS sur les Macintosh

■ Installation du pilote UM-2

Appliquez la procédure suivante pour installer le pilote UM-2.

* *Déconnectez l'UM-2 de votre ordinateur avant de démarrer celui-ci.*
* *Quittez toutes les applications en cours avant de procéder à l'installation.*
* *Le pilote OMS UM-2 fourni sur ce CD est un module complémentaire pour l'utilisation d'OMS avec l'UM-2. Pour pouvoir l'utiliser, OMS doit déjà être installé sur le disque de démarrage.*

MEMO

Pour installer OMS, cliquez deux fois sur l'icône **Install OMS 2.3.8** se trouvant dans le dossier **OMS 2.3.8E**.

■ Pour en savoir plus sur OMS

Pour plus d'information sur OMS, veuillez vous reporter à **"OMS_2.3_Mac.pdf"** (manuel en ligne) se trouvant dans le dossier **"OMS 2.3.8E"** sur le CD. Pour pouvoir lire **"OMS_2.3_Mac.pdf,"**, vous aurez besoin d'Adobe Acrobat Reader.

1

Dans le dossier **"UM-2 Driver E"** sur le CD, cliquez deux fois sur l'icône **"UM2 OMS Driver-E Installer"**.



2

Vérifiez qu'OMS est déjà installé au même emplacement que celui prévu pour le pilote et cliquez sur **[Install]**.



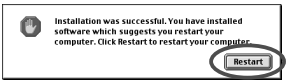
3

Si le message suivant s'affiche, cliquez sur **[Continue]** et toutes les applications actives se fermeront, l'installation se poursuivant.



4

Lorsque l'installation est terminée, la boîte de dialogue suivante s'affiche. Cliquez sur **[Redémarrer]** pour redémarrer le Macintosh.

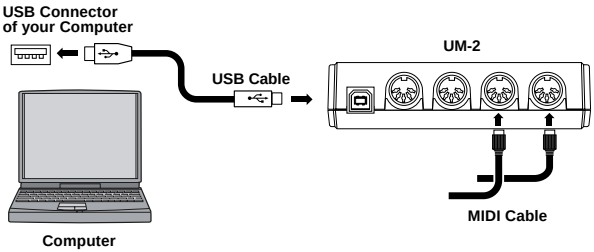


■ Paramètres OMS

* *Si d'autres appareils MIDI sont connectés, vous devez tous les éteindre, puis ajuster leurs paramètres en suivant la procédure ci-après.*

1

Utilisez le câble USB pour connecter l'UM-2 à l'ordinateur.



2

Dans le dossier **"Opcode"** à l'emplacement où OMS est installé, ouvrez le dossier **"OMS Applications"** et cliquez deux fois sur l'icône **"OMS Setup"**.



3

Si la boîte de dialogue **"Apple Talk"** s'affiche, cliquez sur **[Turn It Off]**.

Puis, dans la boîte de dialogue qui s'affiche, cliquez sur **[OK]**.



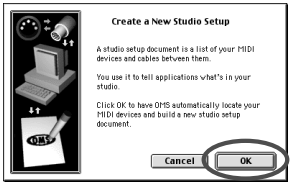
NOTE

Si vous utilisez l'UM-2 avec un séquenceur, ne déconnectez pas le câble MIDI relié à l'UM-2 pendant la lecture d'un morceau.

4

La boîte de dialogue **"Create a New Studio setup"** s'affiche.

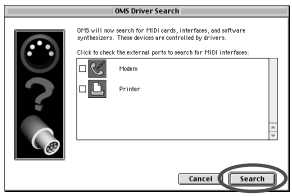
Cliquez sur **[OK]**.



5

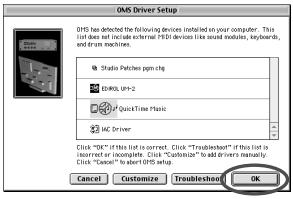
La boîte de dialogue **"OMS Driver Search"** s'affiche.

Cliquez sur **[Search]**.



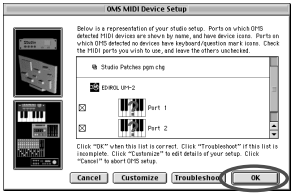
6

Une fois la recherche terminée, vérifiez que **"EDIROL UM-2"** est présent dans la boîte de dialogue **"OMS Driver Setup"**, puis cliquez sur **[OK]**.



7

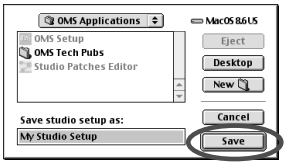
Après avoir vérifié que l'UM-2 est présent dans la boîte de dialogue **"OMS MIDI Device Setup"**, cliquez sur les cases Port1 à Port2 pour les activer toutes, puis cliquez sur **[OK]**.



8

La boîte de dialogue **"Enregistrer"** s'affiche.

Tapez un nom de fichier et cliquez sur **[Enregistrer]**.



MEMO

Si la boîte de dialogue **"Create a New Studio setup"** ne s'affiche pas, cliquez sur **[New Studio setup]** dans le menu **[File]** .

NOTE

Si une boîte de dialogue s'affiche pendant la configuration, déconnectez tous les câbles MIDI de l'UM-2 et recommencez le paramétrage d'OMS.

9

Si un module de sons est relié à un connecteur MIDI sur l'UM-2, sélectionnez **[Test Studio]** dans le **[Menu Studio]** et activez l'option pour vérifiez que du son est produit.

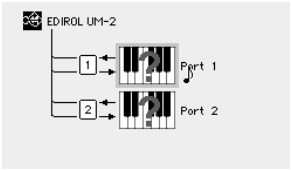


10

Mettez sous tension l'appareil MIDI relié à l'UM-2.

11

Dans la fenêtre **"My Studio Setup,"**, cliquez sur l'icône du clavier.



Quand vous déplacez le curseur de la souris sur l'icône du clavier, il se transforme en 8è de note. Vérifiez que le module produit du son.

* Port 1 = MIDI IN / OUT 1 de l'UM-2
Port 2 = MIDI IN / OUT 2 de l'UM-2

12

Cette vérification terminée, quittez la configuration d'OMS.

Le paramétrage du pilote est terminé.

NOTE

L'étape suivante fera intervenir le module de sons qui produira un son assez fort ; nous vous conseillons de baisser le volume du module de sons avant de poursuivre.

Utilisation de FreeMIDI sur les Macintosh

■ Installation du pilote UM-2

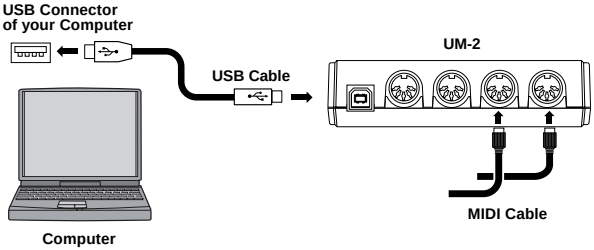
Appliquez la procédure suivante pour installer le pilote UM-2.

* *Déconnectez l'UM-2 de votre ordinateur avant de démarrer celui-ci.*

* *Quittez toutes les applications en cours avant de procéder à l'installation.*

1

Utilisez le câble USB pour connecter l'UM-2 à l'ordinateur.



2

Dans le dossier **"UM-2 Driver E"** sur le CD, cliquez deux fois sur l'icône **"UM2 FreeMIDI Driver-E Installer"** pour démarrer l'installeur.



3

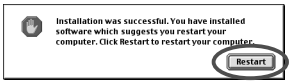
Cliquez sur **[Install]**.

Si la boîte de dialogue indiquant que toutes les applications ouvertes seront fermées s'affiche, cliquez sur **[Continue]**.



4

Une fois l'installation terminée, cliquez sur **[Redémarrer]** pour redémarrer votre ordinateur.



L'installation du pilote UM-2 est terminée.
Vous allez maintenant paramétrer FreeMIDI.

NOTE

Le pilote FreeMIDI UM-2 fourni sur ce CD est un module complémentaire pour l'utilisation de FreeMIDI avec l'UM-2. Pour pouvoir l'utiliser, FreeMIDI doit déjà être installé sur le disque de démarrage.

■ Paramètres FreeMIDI

1

Ouvrez le dossier **"FreeMIDI Applications"** et cliquez deux fois sur l'icône **"FreeMIDI Setup"**.



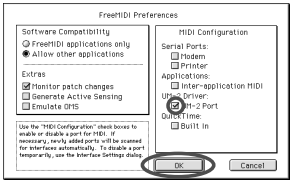
2

Au premier lancement de FreeMIDI, une boîte de dialogue **"Welcome to FreeMIDI!"** s'affiche. Cliquez sur **[Continue]**.

S'il ne s'agit pas d'un premier démarrage, sélectionnez **"FreeMIDI Preferences"** dans le menu File.

3

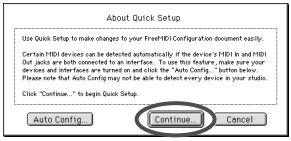
Dans la boîte de dialogue **"FreeMIDI Preferences"**, cliquez sur la case **"UM-2 Port"** en dessous de "UM-2 Driver in MIDI Configuration", puis cliquez sur **[OK]**.



4

La boîte de dialogue **About Quick Setup** s'affiche.

Cliquez sur **[Continue]**.



NOTE

Si vous utilisez l'UM-2 avec un séquenceur, ne déconnectez pas le câble MIDI relié à l'UM-2 pendant la lecture d'un morceau.

MEMO

Un numéro de version est attaché au nom de l'icône **"FreeMIDI Setup"**.

NOTE

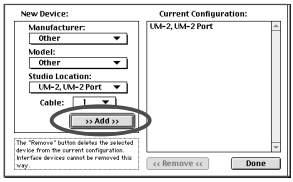
Si la boîte de dialogue n'affiche pas **"UM-2 Driver,"** vérifiez que l'UM-2 est bien connecté et relancez FreeMIDI Setup.

MEMO

Si la boîte de dialogue **About Quick Setup** ne s'affiche pas, sélectionnez **Quick Setup...** dans le menu **Configuration**.

5

Dans la boîte de dialogue qui s'affiche, sélectionnez l'appareil MIDI connecté à chaque port de l'UM-2, puis cliquez sur **[>>Add>>]**.



Manufacturer (Constructeur) :
Sélectionnez le constructeur de votre appareil MIDI. Si le nom du constructeur n'apparaît pas dans la liste, sélectionnez **"Other."**
Model (Modèle) :
Sélectionnez le modèle de votre appareil MIDI. Si le nom du modèle n'apparaît pas dans la liste, sélectionnez **"Other."**
Studio Location (Emplacement de Studio) :
Sélectionnez **"UM-2,"** et, pour **"Cable"** qui s'affiche en dessous, sélectionnez le port auquel l'appareil MIDI est connecté.

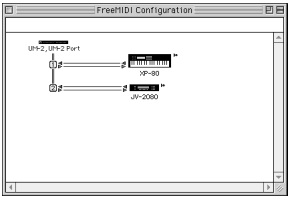
6

Si vous devez connecter un autre appareil MIDI, répétez l'**étape 5.**

7

Quand le paramétrage est terminé, cliquez sur **[Done]**.

Une fenêtre de paramétrage semblable à la suivante s'affiche.



MEMO

Ceci est un exemple de fenêtre de paramétrage. Celle qui s'affiche sur votre système reflète votre configuration.

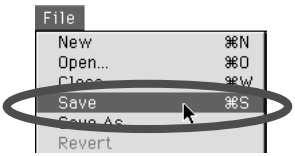
8

Si vous avez sélectionné **"Other"** pour Model, cliquez deux fois sur l'icône appropriée dans la fenêtre de paramétrage pour régler votre appareil MIDI.

(Pour plus de détails, reportez-vous au manuel du logiciel.)

9

Dans le menu File, sélectionnez **[Save]** et enregistrez vos paramètres.



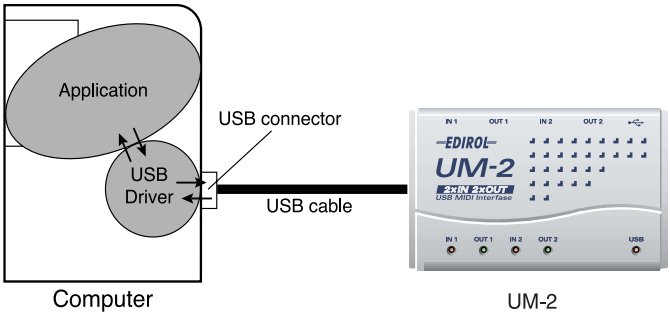
Le paramétrage du pilote est terminé.

Installazione e configurazione del driver

Per poter utilizzare l'UM-2, è necessario installare prima il driver UM-2. Il driver UM-2 si trova sul CD-ROM **"UM-2 Driver CD-ROM."**

■ Definizione del driver UM-2

Il driver UM-2 è il programma che trasmette i dati tra l'UM-2 e l'applicazione (software sequencer o altro) in esecuzione sul computer collegato tramite la porta USB.
Il driver UM-2 trasmette i dati dall'applicazione all'UM-2 e viceversa.



La procedura di installazione e configurazione del driver è illustrata nella pagine che seguono ed è strutturata in base al sistema operativo e al driver MIDI utilizzato. Consultare le pagine corrispondenti al proprio caso.

Utenti Windows XP → Pag.87

Utenti Windows 98 / Me → Pag.93

Utenti Windows 2000 → Pag.98

Uso di OMS su Macintosh → Pag.105

Uso di FreeMIDI su Macintosh → Pag.109

Utenti Windows XP

1

Dopo aver scollegato l'UM-2, avviare Windows.

Scollegare tutti i cavi USB, ad eccezione della tastiera e del mouse USB, se utilizzati.

2

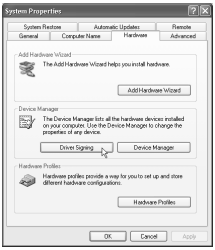
Aprire la finestra di dialogo **Proprietà del sistema**.

1. In Windows, fare clic sul menu **Start** e nel menu selezionare **Pannello di controllo**.
2. In **"Scegliere una categoria"**, fare clic su **"Prestazioni e manutenzione"**.
3. In **"o un'icona del Pannello di controllo"**, fare clic sull'icona **Sistema**.

3

Fare clic sulla scheda **Hardware** e poi sul pulsante **[Firma driver]**.

Aprire la finestra di dialogo **Opzioni firma driver**.



4

Accertarsi che **"Scegliere una delle seguenti opzioni"** sia impostato su **"Ignora"**



Se è attivata l'opzione **"Ignora"** fare clic su **[OK]**. Se non è impostata su **"Ignora"** prendere nota dell'impostazione corrente (di avviso o di blocco). Modificare quindi l'impostazione su **"Ignora"** e fare clic su **[OK]** Dopo aver installato il driver, ripristinare l'impostazione d'origine.
(→ **Se è stato modificato il parametro "Scegliere una delle seguenti opzioni"** (pag. 91))

NOTE

Se si utilizza Windows XP Professional, è necessario collegarsi come un nome utente dotato di privilegi amministrativi, ad esempio come Administrator. Per maggiori informazioni sugli account degli utenti, contattare l'amministratore del sistema.

MEMO

A seconda di come il sistema è configurato, l'icona **Sistema** potrebbe essere visualizzata direttamente nel **Pannello di controllo** (visualizzazione classica). In tal caso fare doppio clic sull'icona **Sistema**.

MEMO

Se al **passo 4** il parametro **"Scegliere una delle seguenti impostazioni"** è stato modificato, dopo aver installato il driver è necessario ripristinare l'impostazione d'origine. (→ **Se è stato modificato il parametro "Scegliere una delle seguenti opzioni"** (pag. 91))

5

Fare clic su **[OK]** per chiudere la finestra di dialogo **Proprietà del sistema**.

6

Chiudere tutti i programmi in corso di esecuzione.

Chiudere anche le altre finestre aperte. Se si utilizza un programma antivirus o simile, accertarsi che sia anch'esso chiuso.

7

Preparare il CD-ROM.

Inserire il CD nell'unità CD-ROM del computer.

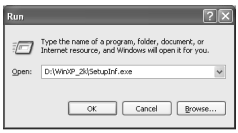
8

Fare clic sul pulsante **Start** di Windows. Nel menu visualizzato, selezionare **"Esegui"**.

Aprire la finestra di dialogo **"Esegui..."** .

9

Nella finestra di dialogo che appare, immettere quanto segue nel campo **"Apri"** e fare clic su **[OK]**.



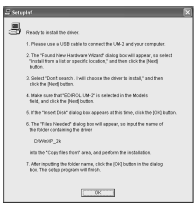
D:\WinXP_2K\Setupinf.exe

* *L'identificativo dell'unità **"D:"** potrebbe essere diverso da quello del sistema utilizzato. In questo caso specificare il nome dell'unità CD-ROM utilizzata.*

10

Appare la finestra di dialogo **SetupInf**.

È ora possibile installare il driver.



MEMO

In questo manuale, la posizione delle cartelle e dei file è indicata nel percorso del file utilizzando il carattere **** come delimitatore.
Ad esempio, **WinXP_2K\SETUPINF.EXE** indica che il file **Setupinf.exe** si trova nella cartella **WinXP_2K**.

11

Utilizzare il cavo USB per collegare l'UM-2 al computer.

Nella barra delle applicazioni verrà visualizzato il messaggio **"Trovato nuovo hardware"**. Attendere qualche minuto.

12

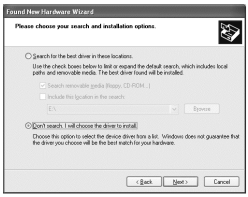
Verrà visualizzata la finestra di dialogo **Installazione guidata nuovo hardware**.



Accertarsi che sullo schermo appaia **"EDIROL UM-2"**, selezionare **"Installa da un elenco o percorso specifico (per utenti esperti)"** e fare clic su **[Avanti]**.

13

La finestra visualizzerà il seguente messaggio **"Selezionare le opzioni di ricerca e di installazione"**.



Selezionare **"Non effettuare la ricerca. La scelta del driver da installare verrà effettuata manualmente"**, e fare clic su **[Avanti]**.

14

Accertarsi che il campo **"Modello"** visualizzi **"EDIROL UM-2"** e fare clic su **[Avanti]**. La procedura di installazione del driver verrà avviata.



MEMO

Questo apparecchio è provvisto di un circuito di protezione. È necessario aspettare qualche secondo dopo aver inserito un connettore USB prima che l'apparecchio funzioni normalmente.

15

Viene visualizzata la finestra di dialogo **Inserire il disco**



Fare clic su **[OK]**.

16

Viene visualizzata la finestra di dialogo **Richiesta file** Immettere quanto segue nel campo **"Copia file da"** e fare clic su **[OK]**.



D:\WinXP_2K

* *L'identificativo dell'unità **"D:"** potrebbe essere diverso da quello del sistema utilizzato. In questo caso specificare il nome dell'unità CD-ROM utilizzata.*

17

Verrà visualizzata la finestra di dialogo **Installazione guidata nuovo hardware**.



Accertarsi che **"EDIROL UM-2"** sia visualizzato e fare clic su **[Fine]**.
Attendere fino a quando nella barra delle applicazioni non appare il messaggio **"Trovato nuovo hardware"**.

18

Alla fine dell'installazione del driver, comparirà la finestra di dialogo **Modifica impostazioni di sistema**.

Fare clic su **[Sì]**. Windows verrà riavviato automaticamente.

MEMO

Viene visualizzata la finestra di dialogo **Inserire il disco**. In questo caso passare al **passo 16**.

Se è stato modificato il parametro “Scegliere una delle seguenti opzioni”

Se l’impostazione **Scegliere una delle seguenti opzioni** è stata modificata, ripristinare il parametro d’origine dopo aver riavviato Windows.

1. Se si utilizza **Windows XP Professional**, collegarsi con un nome utente dotato di privilegi di tipo **amministrativo** (ad esempio Administrator).
2. In Windows, fare clic sul menu **Start** e nel menu selezionare **Pannello di controllo**.
3. In **“Scegliere una categoria”**, fare clic su **“Prestazioni e manutenzione”**.

   ** A seconda di come il sistema è configurato, l’icona **Sistema** potrebbe essere visualizzata direttamente nel **Pannello di controllo** (visualizzazione classica). In tal caso fare doppio clic sull'icona **Sistema**.*
4. In **“o un’icona del Pannello di controllo”**, fare clic sull’icona **Sistema**. Viene visualizzata la finestra di dialogo Proprietà del sistema.
5. Fare clic sulla scheda **Hardware** e poi sul pulsante **[Firma driver]**. Verrà visualizzata la finestra di dialogo **Opzioni firma driver**.
6. Ripristinare l’impostazione **Scegliere una delle seguenti opzioni** al valore d’origine (di avviso o di blocco) e fare clic su **[OK]**.
7. Fare clic su **[OK]**. La finestra di dialogo **Proprietà di sistema** si chiude.

■ Specifica del tipo di output per i dati MIDI

1

Aprire il **Pannello di controllo**.

In Windows, fare clic sul pulsante **Start** e nel menu selezionare **Pannello di controllo**.

2

Aprire la finestra di dialogo **Proprietà – Suoni e periferiche audio**

In **"Scegliere una categoria"**, fare clic su **"Suoni, voce e periferiche audio"**. Successivamente in **"o un'icona del Pannello di controllo"**, fare clic sull'icona **Suoni e periferiche audio**.

3

Fare clic sulla scheda **Audio**.

4

Per **Riproduzione musica MIDI**, fare clic su ▼ a destra di **[Periferica predefinita]** , e selezionare quanto segue nell'elenco visualizzato.

EDIROL UM-2 MIDI1



5

Chiudere la finestra di dialogo **Proprietà – Suoni e periferiche audio**.
Fare clic su **OK** per completare le impostazioni.

MEMO

A seconda di come il sistema è configurato, l'icona **Suoni e periferiche audio** potrebbe essere visualizzata direttamente nel **Pannello di controllo** (visualizzazione classica). In tal caso fare doppio clic sull'icona **Suoni e periferiche audio**.

Utenti Windows 98 / Me

Seguire la procedura sotto indicata per installare il driver UM-2.

* *Scollegare l'UM-2 dal computer prima di avviare Windows.*

1

Dopo aver scollegato tutti i cavi USB, avviare Windows. (ad eccezione della tastiera e del mouse)

2

Chiudere tutte le applicazioni eventualmente aperte prima di installare il driver.

3

Inserire il CD-ROM "UM-2 Driver CD-ROM" nell'unità CD-ROM.

4

Nel menu Start di Windows, selezionare **"Esegui."**



5

Nel campo **"Apri"** della finestra visualizzata immettere **"Q:\Win98_Me\Setupinf.exe"** e fare clic su **"OK."**



* *Immettere l'identificativo dell'unità **Q:** corrispondente all'unità CD-ROM utilizzata.*

NOTE

Se l'UM-2 è già collegato al computer e appare il messaggio **"Installazione guidata nuovo hardware"**, aprire sul CD-ROM **UM-2 Driver CD-ROM** la cartella denominata **Win98_Me**, aprire il file **Readme_e.htm**, e leggere la sezione **"Troubleshooting"** intitolata **"You attempted to install using the above procedure, but were not able to."**

NOTE

Non è possibile utilizzare l'UM-2 con Windows 95 o Windows NT.

NOTE

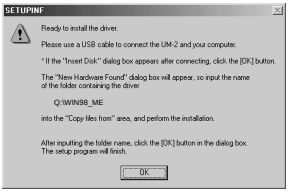
Per poter utilizzare l'UM-2 quando al computer è collegato un altro dispositivo USB, è necessario scollegare tale dispositivo prima di installare il driver UM-2. In effetti, se durante l'installazione del driver UM-2 un altro dispositivo risulta collegato al computer, il driver UM-2 potrebbe non essere installato correttamente.

NOTE

Per verificare l'identificativo dell'unità CD-ROM, fare doppio clic sull'icona **Risorse del computer**.

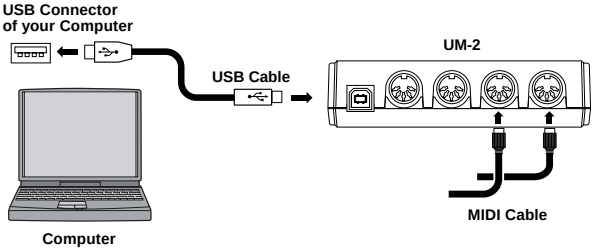
6

Verrà visualizzata la finestra di dialogo SETUPINF contenente il testo **“È possibile installare il driver.–”**



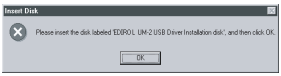
7

Utilizzare il cavo USB per collegare l’UM-2 e il computer.



8

In alcuni casi potrebbe apparire la finestra di dialogo **“Inserisci disco”** . Fare clic su **“OK.”.**



9

Verrà visualizzata la finestra di dialogo **"Nuovo componente hardware individuato"**.



Nella sezione **“Copia file da”**, immettere **“Q:\Win98_Me”** e fare clic sul pulsante **“OK”**. L’installazione è giunta al termine.

* *Immettere l’identificativo di unità Q: corrispondente all’unità CD-ROM utilizzata. Se ad esempio all’unità CD-ROM utilizzata è associato l’identificativo D:, si dovrà immettere “D: \ Win98_Me”.*

NOTE

Se il messaggio **"È possibile installare il driver.---"**, aprire sul CD-ROM **UM-2 Driver CD-ROM** la cartella **Win98_Me**, aprire il file **Reademe_e.htm** e leggere la sezione intitolata **"Installation."**

MEMO

Se appare il messaggio **“Il driver è già installato.–”**, è possibile collegare il cavo USB dell’UM-2 al computer e utilizzarlo.

NOTE

Se nella finestra appare il messaggio **“Il driver non è stato eliminato completamente.–”,** fare riferimento alla sezione **Eliminazione del driver UM-2** (pag. 104) per reinstallarlo.

NOTE

Per evitare malfunzionamenti e/o danni ai diffusori o ad altri dispositivi, abbassare sempre il volume e accertarsi che tutti gli apparecchi non siano alimentati prima di effettuare i collegamenti.

10

Fare clic sul pulsante **"OK"** nella finestra di dialogo **"SETUPINF"**.

Fare quindi riferimento alla sezione che segue **Specifica del tipo di output per i dati MIDI** e impostare i parametri necessari per poter utilizzare l'UM-2 a partire dal computer. Queste impostazioni sono necessarie per poter utilizzare l'UM-2.

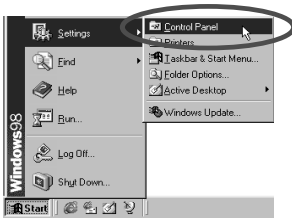
■ Specifica del tipo di output per i dati MIDI

In questa sezione viene spiegato come effettuare le impostazioni per utilizzare il driver UM-2 con applicazioni come il **"Lettore multimediale"** fornito con Windows.

Utenti Windows 98

1

Fare clic sul pulsante **[Start]** di Windows, selezionare **[Impostazioni]** nel menu che appare e selezionare **[Pannello di controllo]**.



2

Successivamente, nel Pannello di controllo, fare doppio clic sull'icona **[Multimedia]**

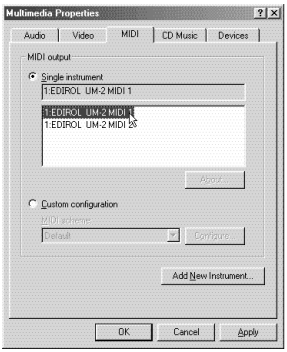


NOTE

Se l'UM-2 viene utilizzato con un sequencer, non scollegare il cavo MIDI collegato all'UM-2 mentre è in corso la riproduzione di un brano.

3

In Proprietà multimediali , fare clic sulla scheda **[MIDI]**.



Nel campo **"Output MIDI"** selezionare **[1: EDIROL UM-2 MIDI 1]** .

La corrispondenza tra i dispositivi MIDI e le porte MIDI è la seguente.

Periferica di uscita MIDI	Porta di uscita MIDI
EDIROL UM-2 MIDI 1	MIDI OUT 1
EDIROL UM-2 MIDI 2	MIDI OUT 2

4

Fare clic su **[OK]**.

5

Utilizzare un cavo MIDI per collegare il **connettore MIDI OUT 1** dell'UM-2 al modulo sonoro MIDI.

6

Avviare il **Windows Media Player** o **Lettore multimediale**, selezionare un file MIDI e avviare la riproduzione.

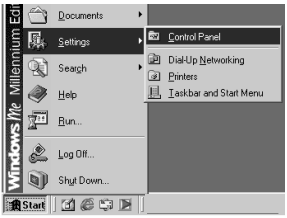
MEMO

Windows Media Player si trova nel menu **Start** -> **Programmi-Accessori-Svago- Windows Media Player**.

Utenti Windows Me

1

Fare clic sul pulsante **[Start]** di Windows, selezionare **[Impostazioni]** nel menu che appare e selezionare **[Pannello di controllo]**.



2

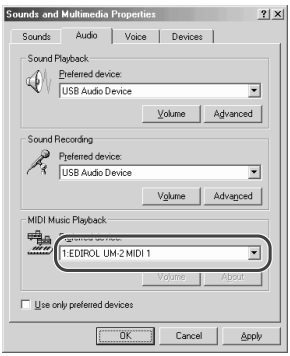
Successivamente, nel Pannello di controllo, fare doppio clic sull'icona **[Suoni e multimedia]**



3

In Proprietà multimediali, fare clic sulla scheda **[Audio]**.

Nel campo **"Riproduzione musica MIDI"** selezionare **[EDIROL UM-2 MIDI 1]** .



La corrispondenza tra i dispositivi MIDI e le porte MIDI è la seguente.

Periferica di uscita MIDI	Porta di uscita MIDI
EDIROL UM-2 MIDI 1	MIDI OUT 1
EDIROL UM-2 MIDI 2	MIDI OUT 2

4

Fare clic su **[OK].**

5

Utilizzare un cavo MIDI per collegare il **connettore MIDI OUT 1** dell'UM-2 al modulo sonoro MIDI.

6

Avviare **Windows Media Player** o il **Lettore multimediale,** selezionare un file MIDI e avviare la riproduzione.

NOTE

Se l'UM-2 viene utilizzato con un sequencer, non scollegare il cavo MIDI collegato all'UM-2 mentre è in corso la riproduzione di un brano.

MEMO

A seconda di come è configurato il sistema, "Suoni e multimedia" potrebbe non essere visualizzato nel "Pannello di controllo." In questo caso fare clic su **"Visualizza tutte le opzioni del Pannello di controllo."**

MEMO

Windows Media Player si trova nel menu **Start** -> **Programmi**-**Accessori**-**Svago**- **Windows Media Player**.

Utenti Windows 2000

Seguire la procedura sotto indicata per installare il driver UM-2.

* *Scollegare l'UM-2 dal computer prima di avviare Windows.*

* *Per installare il driver, è necessario collegarsi a Windows come* ***Amministratore*** *o come un altro utente provvisto dei privilegi del gruppo Amministratori. Per maggiori informazioni al riguardo, contattare l'amministratore del sistema utilizzato.*

1

Dopo aver scollegato tutti i cavi USB, avviare Windows. (ad eccezione della tastiera e del mouse)

2

Collegarsi a Windows come **Amministratore** o qualsiasi altro utente appartenente al gruppo Amministratori.

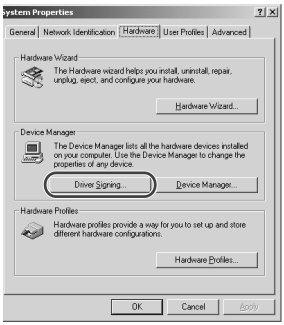
3

Chiudere tutte le applicazioni eventualmente aperte prima di avviare l'installazione.

4

Configurare le impostazioni **"Firma driver"**.

Nel **Pannello di controllo**, fare doppio clic sull'icona **"Sistema"**.
Fare clic sulla scheda **"Hardware"** e poi sul pulsante **"Firma driver"**.
Verrà visualizzata la finestra di dialogo **"Opzioni firma driver"**.



NOTE

Se l'UM-2 è già collegato al computer e appare il messaggio **"Installazione guidata nuovo hardware"**, aprire sul CD-ROM **UM-2 Driver CD-ROM** la cartella denominata **WinXP_2K**, aprire il file **Readme_e.htm**, e leggere la sezione **"Troubleshooting"** intitolata **"You attempted to install using the above procedure, but were not able to."**

NOTE

Non è possibile utilizzare l'UM-2 con Windows 95 o Windows NT.

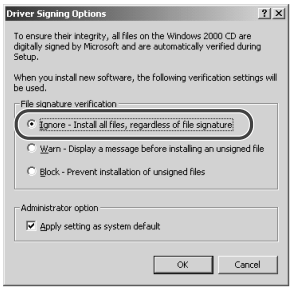
NOTE

Per poter utilizzare l'UM-2 quando al computer è collegato un altro dispositivo USB, è necessario scollegare tale dispositivo prima di installare il driver UM-2. In effetti, se durante l'installazione del driver UM-2 un altro dispositivo risulta collegato al computer, il driver UM-2 potrebbe non essere installato correttamente.

5

Accertarsi che **"Verifica firma digitale"** sia impostato su **"Ignora."**

Se è attivata l'opzione **"Ignora,"** fare clic su **"OK"**. In caso contrario, prendere nota dell'impostazione corrente e cambiarla in **"Ignora"** quindi fare clic sul pulsante **"OK"**.



6

Fare clic su **"OK"** per chiudere **"Proprietà – Sistema."**

7

Inserire il CD-ROM "UM-2 Driver CD-ROM" nell'unità CD-ROM.

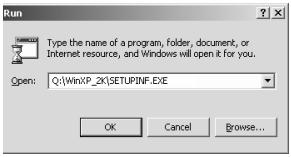
8

Nel menu Start di Windows, selezionare **"Esegui."**



9

Nel campo **"Apri"** della finestra visualizzata immettere **"Q:\WinXP_2K\Setupinf.exe"** e fare clic su **"[OK].**



* *Immettere l'identificativo di unità* ***Q:*** *corrispondente all'unità CD-ROM utilizzata.*

NOTE

Per verificare l'identificativo dell'unità CD-ROM, fare doppio clic sull'icona **Risorse del computer**.

10

Verrà visualizzata la finestra di dialogo SETUPINF contenente il testo **“È possibile installare il driver.–”**



NOTE

Se il messaggio **"È possibile installare il driver.---"**, aprire sul CD-ROM **UM-2 Driver CD-ROM** la cartella **WinXP_2K**, aprire il file **Reademe_e.htm** e leggere la sezione intitolata **"Installation."**

MEMO

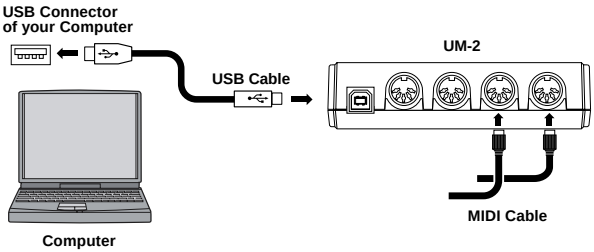
Se appare il messaggio **“Il driver è già installato.–”**, è possibile collegare il cavo USB dell’UM-2 al computer e utilizzarlo.

NOTE

Se nella finestra appare il messaggio **“Il driver non è stato eliminato completamente.–”,** fare riferimento alla sezione **Eliminazione del driver UM-2** (pag. 104) per reinstallarlo.

11

Utilizzare il cavo USB per collegare l’UM-2 e il computer.



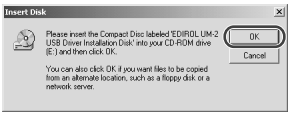
NOTE

Per evitare malfunzionamenti e/o danni ai diffusori o ad altri dispositivi, abbassare sempre il volume e accertarsi che tutti gli apparecchi non siano

12

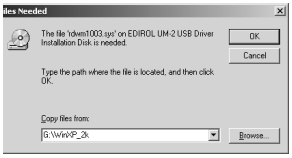
Viene visualizzata la finestra di dialogo **“Inserisci disco”**

Fare clic sul pulsante **”OK”**.



13

Viene visualizzata la finestra di dialogo **"Richiesta file"**

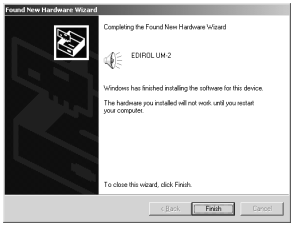


Nella sezione **"Copia file da"**, immettere **"Q:\WinXP_2K"** e fare clic sul pulsante **"OK"**.
L'installazione è giunta al termine.

* *Immettere l'identificativo di unità Q: corrispondente all'unità CD-ROM utilizzata. Se ad esempio all'unità CD-ROM utilizzata è associato l'identificativo D:, si dovrà immettere "D: \ WinXP_2K".*

14

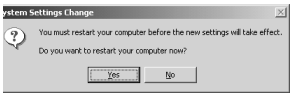
Verrà visualizzata la finestra di dialogo **"Installazione guidata nuovo hardware"**.



Accertarsi che sia visualizzato **"EDIROL UM-2 "** e fare clic sul pulsante **"Fine"**.

15

Viene visualizzata la finestra di dialogo **"Modifica delle impostazioni del sistema"**.



Fare clic sul pulsante "Sì" e riavviare Windows.

16

Se è stata modificata l'impostazione di **"Verifica firma file "** al **passo 5**, ripristinare l'impostazione precedente.

(Per ripristinare l'impostazione, l'**Amministratore** o l'utente che fa parte del gruppo Amministratori deve collegarsi a Windows.)

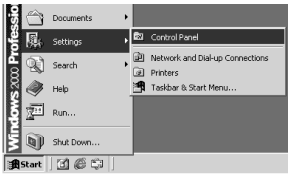
Fare quindi **riferimento alla sezione che segue Specifica del tipo di output per i dati MIDI** e impostare i parametri necessari per poter utilizzare l'UM-2 a partire dal computer. Queste impostazioni sono necessarie per poter utilizzare l'UM-2.

■ Specifica del tipo di output per i dati MIDI

In questa sezione viene spiegato come effettuare le impostazioni per utilizzare il driver UM-2 con applicazioni come il **"Lettore multimediale"** fornito con Windows.

1

Fare clic sul pulsante **[Start]** di Windows, selezionare **[Impostazioni]** nel menu che appare e selezionare **[Pannello di controllo]**.



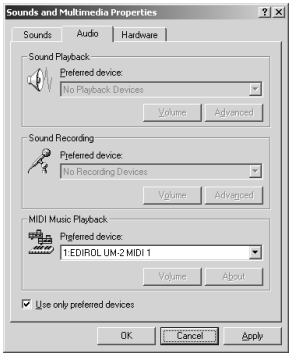
2

Successivamente, nel Pannello di controllo, fare doppio clic sull'icona **[Suoni e multimedia]**



3

Fare clic sulla scheda **"Audio"** e nella sezione **"Riproduzione musica MIDI,"** selezionare **"1:EDIROL UM-2 MIDI 1."**



La corrispondenza tra i dispositivi MIDI e le porte MIDI è la seguente.

Periferica di uscita MIDI	Porta di uscita MIDI
EDIROL UM-2 MIDI 1	MIDI OUT 1
EDIROL UM-2 MIDI 2	MIDI OUT 2

4

Fare clic su **[OK]**.

5

Utilizzare un cavo MIDI per collegare il **connettore MIDI OUT 1** dell'UM-2 al modulo sonoro MIDI.

NOTE

Se l'UM-2 viene utilizzato con un sequencer, non scollegare il cavo MIDI collegato all'UM-2 mentre è in corso la riproduzione di un brano.

6

Avviare **Windows Media Player** o il **Lettore multimediale**, selezionare un file MIDI e avviare la riproduzione.

MEMO

Windows Media Player si trova nel menu **Start** -> **Programmi**-**Accessori**-**Svago**- **Windows Media Player**.

Eliminazione del driver UM-2

Se l'installazione del driver UM-2 non è riuscita o se invece è riuscita ma non è comunque possibile utilizzare l'UM-2, è necessario cancellare il driver.

Dopo aver cancellato il driver, seguire la procedura descritta nella sezione " **Installazione e configurazione del driver" (Pag.86)** per reinstallarlo.

Per maggiori informazioni sul come eliminare il driver, fare riferimento alle spiegazioni fornite nella guida in linea che si trova sul CD-ROM **UM-2 Driver CD-ROM**.

Utenti Windows 98 / Me

Sul CD-ROM **UM-2 Driver CD-ROM**, nella cartella **Win98_Me**, aprire il file **Readme_e.htm** e leggere la sezione **"To uninstall."**

Utenti Windows XP / 2000

Sul CD-ROM **UM-2 Driver CD-ROM**, nella cartella **WinXP_2K**, aprire il file **Readme_e.htm** e leggere la sezione **"To uninstall."**

Uso di OMS su Macintosh

■ Installazione del driver UM-2

Seguire la procedura sotto indicata per installare il driver UM-2.

* *Scollegare l'UM-2 dal computer prima di avviare Macintosh.*

* *Chiudere tutte le applicazioni eventualmente aperte prima di installare il driver.*

* *Il driver OMS UM-2 presente sul disco è fornito come modulo aggiuntivo che permette di utilizzare l'UM-2 con OMS. Per poterlo utilizzare, OMS deve essere già stato installato sul disco rigido di avvio.*

MEMO

Per installare OMS, fare doppio clic sull'icona **Install OMS 2.3.8** nella cartella **OMS 2.3.8E**.

■ Per maggiori informazioni su OMS

Per avere maggiori informazioni su OMS, fare riferimento a **"OMS_2.3_Mac.pdf"** (manuale in linea) che si trova nella cartella **"OMS 2.3.8E"** sul CD-ROM. Per poter leggere **"OMS_2.3_Mac.pdf,"** è necessario Adobe Acrobat Reader.

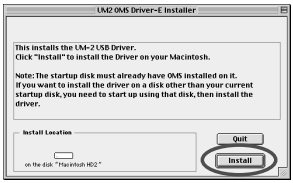
1

Nella cartella **"UM-2 Driver E"** del CD-ROM, fare doppio clic sull'icona **"UM2 OMS Driver-E Installer"**.



2

Accertarsi che OMS sia già installato dove verrà installato il driver e fare clic su **[Install]**.



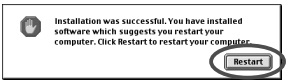
3

Se compare il seguente messaggio, fare clic su **[Continue]** per chiudere tutte le applicazioni in esecuzione in quel momento e continuare l'installazione.



4

Alla fine dell'installazione compare la seguente finestra di dialogo. Fare clic su **[Restart]** per riavviare il Macintosh

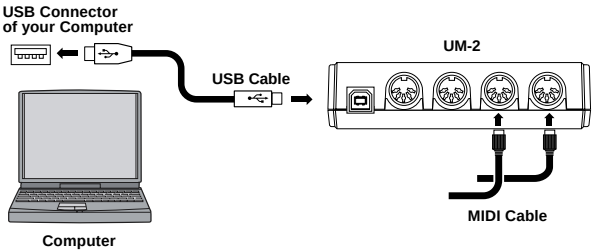


■ Impostazioni OMS

* *Se sono collegati altri dispositivi MIDI, è necessario scollegare tutti i dispositivi e configurare le impostazioni OMS seguendo la procedura sotto indicata.*

1

Utilizzare il cavo USB per collegare l'UM-2 e il computer.



2

Nella cartella **"Opcode"** nella posizione dove deve essere installato OMS, aprire la cartella **"OMS Applications"**, e fare doppio clic sull'icona **"OMS Setup"**.



3

Se appare la finestra di dialogo **"Apple Talk"**, fare clic su **[Turn It Off]**.

Nella successiva finestra di dialogo, fare clic su **[OK]**.



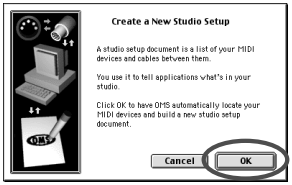
NOTE

Se l'UM-2 viene utilizzato con un sequencer, non scollegare il cavo MIDI collegato all'UM-2 mentre è in corso la riproduzione di un brano.

4

Verrà visualizzata la finestra di dialogo **"Create a New Studio setup"**.

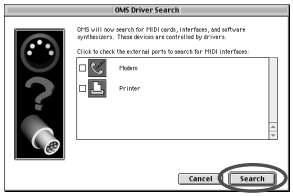
Fare clic su **[OK]**.



5

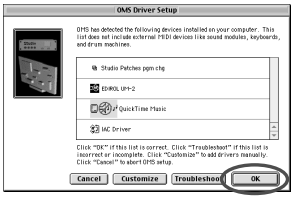
Verrà visualizzata la finestra di dialogo **"OMS Driver Search"**.

Fare clic su **[Search]**.



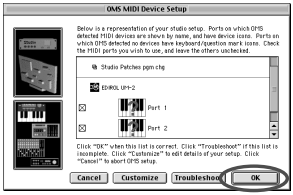
6

Alla fine della ricerca, accertarsi che **"EDIROL UM-2"** risulti elencato nella finestra di dialogo **"OMS Driver Setup"** e fare clic su **[OK]**.



7

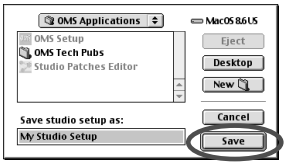
Dopo aver verificato che l'UM-2 è elencato nella finestra di dialogo **"OMS MIDI Device Setup"**, selezionare ogni casella da Port1 a Port2 per selezionarle tutte e fare clic su **[OK]**.



8

Viene visualizzata la finestra di dialogo **"Save"**

Immettere il nome file desiderato e fare clic su **[Save]**.



MEMO

Se la finestra di dialogo **"Create a New Studio setup"** non viene visualizzata, fare clic su **[New Studio setup]** nel menu **[File]** .

NOTE

Se durante la configurazione viene visualizzato un messaggio di errore, scollegare tutti i cavi MIDI collegati all'UM-2 e ripetere le impostazioni OMS.

English
Deutsch
Français
Italiano

9

Se un modulo sonoro è collegato a un connettore MIDI dell'UM-2, selezionare **[Test Studio]** nel menu **[Studio]** e verificare che il suono venga emesso.

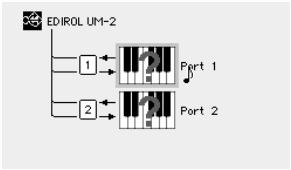


10

Accendere il dispositivo MIDI collegato all'UM-2.

11

Nella finestra **"My Studio Setup Window,"** fare clic sull'icona della tastiera.



Quando viene avvicinato all'icona della tastiera, il cursore del mouse assume la forma di un'ottava. Accertarsi che il modulo sonoro produca dei suoni.

* La porta 1 corrisponde a MIDI IN / OUT 1 sull'UM-2
La porta 2 corrisponde a MIDI IN / OUT 2 sull'UM-2

12

Alla fine della procedura di controllo, uscire da OMS Setup.

La procedura di configurazione del driver è giunta al termine.

NOTE

L'operazione che segue provocherà l'emissione di un suono molto forte dal modulo sonoro; abbassare quindi il volume del modulo sonoro prima di continuare.

Uso di FreeMIDI su Macintosh

■ Installazione del driver UM-2

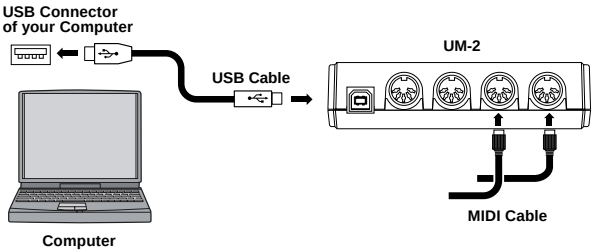
Seguire la procedura sotto indicata per installare il driver UM-2.

* *Scollegare l'UM-2 dal computer prima di avviare Macintosh.*

* *Chiudere tutte le applicazioni eventualmente aperte prima di installare il driver.*

1

Utilizzare il cavo USB per collegare l'UM-2 e il computer.



2

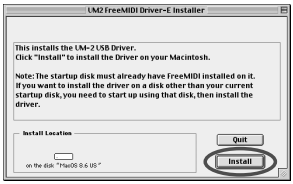
Nella cartella **"UM-2 Driver E"** del CD-ROM, fare doppio clic sull'icona **"UM2 FreeMIDI Driver-E Installer"**



3

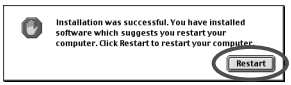
Fare clic su **[Install]**.

Nella finestra di dialogo indicante che tutte le applicazioni correntemente aperte verranno chiuse fare clic su **[Continue]**.



4

Alla fine dell'installazione, fare clic su **[Restart]** per riavviare il computer.



La procedura d'installazione del driver UM-2 è giunta al termine.
Configurare quindi FreeMIDI.

NOTE

Il driver FreeMIDI UM-2 presente sul disco è fornito come modulo aggiuntivo che permette di utilizzare l'UM-2 con FreeMIDI. Per poterlo utilizzare, OMS deve essere già stato installato sul disco rigido di avvio.

■ Impostazioni FreeMIDI

1

Aprire la cartella **"FreeMIDI Applications"** e fare doppio clic sull'icona **"FreeMIDI Setup"**.



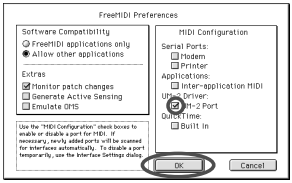
2

Al primo avvio di FreeMIDI, comparirà la finestra di dialogo **"Welcome to FreeMIDI!"** . Fare clic su **[Continue]**.

All'avvio successivo, selezionare **"FreeMIDI Preferences"** nel menu File.

3

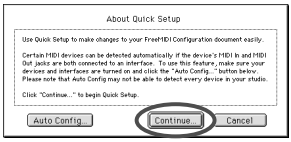
Nella finestra di dialogo **"FreeMIDI Preferences"**, selezionare **"UM-2 Port"** sotto UM-2 Driver nella sezione MIDI Configuration, e fare clic su **[OK]**.



4

Viene visualizzata la finestra di dialogo **About Quick Setup**

Fare clic su **[Continue]**.



NOTE

Se l'UM-2 viene utilizzato con un sequencer, non scollegare il cavo MIDI collegato all'UM-2 mentre è in corso la riproduzione di un brano.

MEMO

Comparirà un numero di versione dopo il nome dell'icona **"FreeMIDI Setup"**.

NOTE

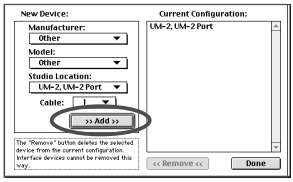
Se nella finestra di dialogo non appare **"UM-2 Driver,"** accertarsi che l'UM-2 sia collegato correttamente e avviare di nuovo FreeMIDI Setup.

MEMO

Se la finestra di dialogo **About Quick Setup** non è visualizzata, selezionare **Quick Setup...** nel menu **Configuration**.

5

Nella finestra di dialogo visualizzata, selezionare gli apparecchi MIDI che sono collegati ad ogni porta dell'UM-2 e fare clic su **[>>Add>>]**.



Manufacturer:
Selezionare il fabbricante dell'apparecchio MIDI. Se il fabbricante non figura nella lista, selezionare **"Other."**
Model:
Selezionare il modello dell'apparecchio MIDI. Se il modello non figura nella lista, selezionare **"Other."**
Studio Location:
Selezionare **"UM-2,"** e per **"Cable"** selezionare la porta alla quale è collegato l'apparecchio MIDI.

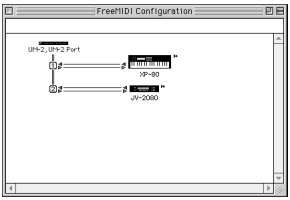
6

Se sono collegati due apparecchi MIDI, ripetere la procedura illustrata al **passo 5.**

7

Alla fine delle impostazioni, fare clic su **[Done]**.

Verrà visualizzata una finestra come quella sotto illustrata.



MEMO

Questa è una delle varie finestre di impostazioni possibili. Essa infatti dipende dalla configurazione utilizzata.

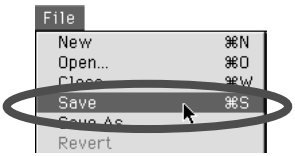
8

Se si è selezionato **"Other"** per Model, fare doppio clic sull'icona opportuna nella finestra per configurare l'apparecchio MIDI.

(Per maggiori informazioni fare riferimento al manuale utente del software.)

9

Nel menu File, selezionare **[Save]** e salvare le impostazioni.



La procedura di configurazione del driver è giunta al termine.

Troubleshooting

* *Please read the "Readme_E.txt" file in the UM-2 Driver CD-ROM. You can get any additional information not written in the owner's manual from the "Readme_E.txt" file.*

Windows Users → **P.112**
Macintosh Users → **P.115**

Windows users

Case 1: USB connections cannot be made correctly

- **Has the UM-2 been recognized?**
  Disconnect the USB cables, and then re-connect them.
  It is possible that the computer has failed to recognize or initialize the UM-2. Leave the USB cable connected to the UM-2, and restart Windows. If connection still does not occur, exit Windows, and turn off the power of your computer. Then turn on the power of your computer and start Windows.

- **Are your computer or USB hub (*) supplying sufficient current?**
  If insufficient current is being supplied to the UM-2, connection is not possible.
  - Use a USB hub which contains its own power supply.
  - The power conservation mode settings of your computer may be limiting the current supplied to the USB, so check these settings.

What is USB hub?

A "USB hub" is a device that expands the number of USB connectors. Broadly speaking, there are two types of USB hubs.

Self-powered hubs (USB hubs containing a power supply): The USB hub itself has an AC adapter, which supplies power (normally 500 mA) to the added USB connectors.

Bus-powered hubs (USB hubs not containing a power supply): The hub does not contain a power supply. The power supply of the connected computer is re-distributed to the added USB connectors.

MEMO

For details on the electrical current that can be supplied by your computer or USB hub refer to the owner's manual for your equipment. If you have questions, please contact the manufacturer or dealer for your computer or USB hub.

MEMO

The UM-2 cannot be used with a hub that contains no power supply.

MEMO

When a USB device is connected to a computer, the USB device tells the computer how much electrical current it uses. If this value exceeds the current that the computer is able to provide (maximum 500 mA), the device cannot be connected. The UM-2 will request 120 mA of current when it is connected to a computer. Most computers or self-powered USB hubs will have no problem with this current capacity. If you are using a dual-mode USB hub (self-powered / bus-powered), be sure to connect its power supply (AC adapter etc.) and use it as a self-powered USB hub.

Case 2: Cannot shift to Suspend (*)

- **Is an application which uses the UM-2 running?**
  Exit the application which is using the UM-2.
  The computer cannot shift to Suspend mode if an application such as a sequencer is using the UM-2.

What is Suspend?

This is a function which minimizes power consumption by shutting down the internal circuitry of the computer and the peripheral devices while the power remains supplied to the computer.

Case 3: UM-2 does not resume correctly from the suspended state

- **When suspended, was the UM-2 still connected via the USB cable?**
  Disconnect the USB cable, and then re-connect it.
  On some computers when Windows resumes from the suspended state, the UM-2 may fail to resume. If this occurs, the USB cable connected to the UM-2 should be disconnected and then reconnected.

Case 4: Windows hangs up (freezes) when returning from the suspended state

Disconnect the UM-2's USB cable before suspending.
On some computers when Windows resumes from the suspended state, it may hang up (freeze). If this occurs, the USB cable connected to the UM-2 should be disconnected before suspending.
When you once again wish to use the UM-2, make sure that the computer has resumed correctly from the suspend state, and then connect the USB cable to the UM-2.

Case 5: No sound

- **Are the USB cable, MIDI cables and audio cables connected correctly?**
  Connect the cables correctly.
- **Are the volume controls of your sound module, audio system, and application raised?**
  Check each of the volume controls.
- **Are the sound module settings correct?**
  Set the Computer switch of your sound module to the "MIDI" position.

NOTE

If the computer itself has a suspend switch, the USB cable connected to the UM-2 should be disconnected before you press that switch.

NOTE

For a notebook computer, some settings of the computer may cause it to automatically enter suspend mode when the lid (LCD display) is closed, so the USB cable connected to the UM-2 should be disconnected before the lid is closed.

NOTE

Before changing the setting of the computer switch of your MIDI sound module, be sure to turn off the power.

Case 6: Does not work with Windows 95.

It will not operate on Windows 95.

Case 7: My computer hangs up when I open a MIDI file.

This problem can occur if the USB waveform of your computer does not sufficiently meet the standards. In this case, the problem may be solved if you connect the UM-2 via a USB hub (USB hub containing a power supply).

Windows 98 / Me users

The latest information is provided in the **"Troubleshooting"** section of the file **Readme_e.htm**, located in the **Win98_Me** folder of the **UM-2 Driver CD-ROM**. Please refer to the appropriate section.

- Cannot install / uninstall / use the driver
- Cannot select the UM-2 device
- Cannot playback / record
- Part of the playback is wrong: e.g., notes are broken off prematurely, or some notes are lost

Windows XP / 2000 users

The latest information is provided in the **"Troubleshooting"** section of the file **Readme_e.htm**, located in the **WinXP_2K** folder of the **UM-2 Driver CD-ROM**. Please refer to the appropriate section.

- Cannot install / uninstall / use the driver
- Cannot select the UM-2 device
- Cannot playback / record
- Part of the playback is wrong: e.g., notes are broken off prematurely, or some notes are lost
- The “Digital Signature Not Found” dialog box appears
- You are asked for the driver file even thought it has already been installed
- Cannot use two or more units simultaneously
- Other

Macintosh users

Case 1: An error dialog box is displayed

- **Is the UM-2 driver installed?**
  An error dialog box will be displayed if the UM-2 is connected to your computer before the UM-2 driver is installed.
  If the display indicates **" The software needed to use the USB device "Unknown Device" cannot be found. Please refer to the device documentation to install the necessary software "**, click **"OK."**
  If the display indicates **" Software needed for the USB device "Unnamed Device" is not available. Would you like to look for the software on the Internet? "**, click **"Cancel."**
  After closing the dialog box, follow the procedure for " **Using OMS on the Macintosh" (P.27)** or " **Using FreeMIDI on the Macintosh" (P.31)** to install the UM-2 driver.

Case 2: Cannot install the USB MIDI driver

- **Did you exit all other programs?**
  Exit all currently-running programs.

Case 3: Cannot make USB connections correctly

- **Was the UM-2 recognized?**
  Disconnect the USB cable, and then re-connect it.
  If another USB device is connected, try connecting only the UM-2.
  It is possible that the computer did not correctly recognize or initialize the UM-2. Leave the USB cable connected to the UM-2, and restart your Macintosh. If the connection is still not achieved, exit your Macintosh and turn off the power of the computer. Then turn on the power of the computer once again, and start up your Macintosh.
  The computer cannot recognize the UM-2 when the USB connector of Macintosh's keyboard is used. Re-connect the USB cable to the USB connector of the main body.

- **Are your computer or USB hub (*) supplying sufficient current?**
  If insufficient current is being supplied to the UM-2, connection is not possible.
  - Use a USB hub which contains its own power supply.
  - The power conservation mode settings of your computer may be limiting the current supplied to the USB, so check these settings.

MEMO

For details on the electrical current that can be supplied by your computer or USB hub refer to the owner's manual for your equipment. If you have questions, please contact the manufacturer or dealer for your computer or USB hub.

MEMO

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Bus-powered hubs (USB hubs not containing a power supply): The hub does not contain a power supply. The power supply of the connected computer is re-distributed to the added USB connectors.

Case 4: No sound

- **Are the USB cable, MIDI cables and audio cables connected correctly?**
  Connect the cables correctly.
- **Are the volume controls of your sound module, audio system, and application raised?**
  Check each of the volume controls.
- **Are the sound module settings correct?**
  Set the Computer switch of your sound module to the **"MIDI"** position.

Case 5: Notes are sounded twice (Notes are recorded double)

Refer to the owner's manual for the sequencer program that you are using. If the **"UM-2 Driver"** is selected in the MIDI input port setting, cancel this selection (un-check it), and select (check) only the port (UM-2 Port 1–2) to which the MIDI device you wish to record is connected.

* *When you select **"UM-2 Driver,"** both of the items **"UM-2 Port1, 2"** will be selected. However if **"UM-2 Driver"** and **"UM-2 Port 1–2"** are selected, the selected port will be sounded in duplicate.*

Case 6: The UM-2 does not recover correctly from sleep mode.

After your Macintosh has been in sleep mode, exit the software and re-start it.

* *We recommend that you make **Energy saving** settings in the **Control panel** so that your computer does not enter sleep mode.*

MEMO

When a USB device is connected to a computer, the USB device tells the computer how much electrical current it uses. If this value exceeds the current that the computer is able to provide (maximum 500 mA), the device cannot be connected. The UM-2 will request 120 mA of current when it is connected to a computer. Most computers or self-powered USB hubs will have no problem with this current capacity. If you are using a dual-mode USB hub (self-powered / bus-powered), be sure to connect its power supply (AC adapter etc.) and use it as a self-powered USB hub.

NOTE

Before changing the setting of the computer switch of your MIDI sound module, be sure to turn off the power.

Main Specifications

UM-2: 32 Channel USB MIDI Interface

Connectors	MIDI Connectors (IN x 2, OUT x 2) USB Connector
Power Supply	Bus-powered (Supplied from Computer or USB Hub)
Current Draw	120 mA (during operation)
Dimensions	4-13 / 16 (W) x 2-15 / 16 (D) x 1-1 / 4 (H) inches 121 (W) x 74 (D) x 30.5 (H) mm
Weight	120g 5 oz
Accessories	UM-2 Driver CD-ROM USB Cable (2 m x 1) Owner's Manual

* *In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.*

Information

When you need repair service, call your nearest EDIROL / Roland Service Center or authorized EDIROL / Roland distributor in your country as shown below.

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Auckland, NEW ZEALAND
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(1123) Buenos Aires
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Centro Parque de Cristal, Nivel
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Parc de l'Esplanade, F 77 462 St.
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Patras 26442, GREECE
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Republic of IRELAND
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Viale delle Industrie 8,
20020 Arese, Milano, ITALY
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Lilleakerveien 2 Postboks 95
Lilleaker N-0216 Oslo
NORWAY
TEL: 273 0074

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P. P. H. Brzostowicz
UL. Gibraltarska 4.
PL-03664 Warszawa POLAND
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Cais Das Pedras, 8 / 9-1 Dto
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Piata Libertatii 1,
RO-4200 Gheorgheni
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3-Bogatyrskaya Str. 1.k.l
107 564 Moscow, RUSSIA
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Barcelona, SPAIN
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S-131 30 Nacka SWEDEN
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Landstrasse 5, Postfach,
CH-4452 Itingen,
SWITZERLAND
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P.O. Box 180
295400 Munkachevo, UKRAINE
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Enterprise Park, SWANSEA
SA7 9FJ,
UNITED KINGDOM
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Radex Sound Equipment Ltd.
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Gerge Zeidan St., Chahine Bldg.,
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Damascus, SYRIA
TEL: (011) 223-5384

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Pasaji No:74 / 20
Taksim - Istanbul, TURKEY
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Zak Electronics & Musical Instruments Co. L.L.C.
Zabeel Road, Al Sherooq Bldg.,
No. 14, Grand Floor, Dubai, U.A.E.
TEL: (04) 3360715

As of August 1, 2002 (EDIROL-1)

For the USA

DECLARATION OF CONFORMITY
Compliance Information Statement

Model Name :	UM-2C
Type of Equipment :	USB MIDI Interface
Responsible Party :	Edirol Corporation North America
Address :	425 Sequoia Drive, Suite 114, Bellingham, WA 98226
Telephone :	(360) 594-4276