

# Installing & Setup the Driver

This section explains how to install the drivers needed for connecting the DR-880 to a computer, and make the necessary settings.

**Installing & Setting Up the Driver (Windows) ..... (p. 2)**

**Installing & Setting Up the Driver (Macintosh) ..... (p. 13)**

## **What is a USB MIDI driver?**

A “**USB MIDI driver**” is software that transfers MIDI data between the DR-880 and application software running on your computer, when your computer and the DR-880 are connected by a USB cable. The driver sends MIDI data from your application to the DR-880, and from the DR-880 to your application.

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# Installing & Setting Up the Driver (Windows)

## Driver Installation

The installation procedure will differ depending on your system.

Please proceed to one of the following sections, depending on the system you use.

- Windows XP users ..... (p. 2)
- Windows 2000 users ..... (p. 6)
- Windows Me/98 users ..... (p. 9)

### ■ Windows XP users

1

With the DR-880 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**].

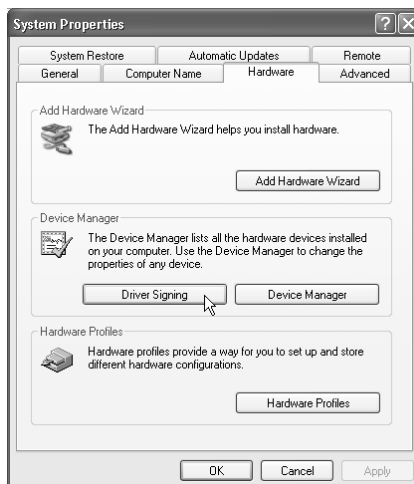
Open the **Driver Signing Options** dialog box.

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**].



### 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 display). 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.

**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.

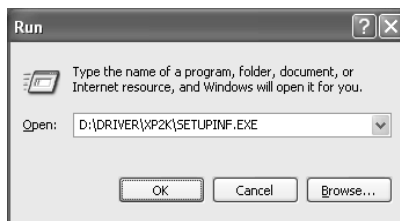
**8**

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:\DRIVER\XP2K\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.

**11**

Use the **USB cable** to connect the **DR-880** to your **computer**.

\* Before you connect the USB cable, you must first set the DR-880's USB mode to **“MIDI”**, and switch off the DR-880's power.

1. With the power switch turned **OFF**, connect the **AC adaptor** to the **DR-880**.
2. Connect the **AC adaptor** to an electrical outlet.
3. Use the **USB cable** to connect the **DR-880** to your **computer**.

### MEMO

For details on how to set the USB mode, refer to the **“DR-880 owner's manual.”**

### MEMO

Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.

**12** Set the DR-880's **power switch** to the **ON** position.

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

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

Make sure that the screen indicates **"BOSS DR-880"**, select **"Install from a list or specific location (Advanced)"**, and click **[Next]**.

**14** 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]**.



**15** Make sure that the **"Model"** field indicates **"BOSS DR-880"**, and click **[Next]**. Driver installation will begin.

If the **"What action do you want Windows to take?"** setting was not set to **"Ignore"**, a **"Hardware Installation"** dialog box will appear.

If **"What action do you want Windows to take?"** is set to **"Warn"**

1. Click **[Continue Anyway]**.
2. Continue the installation.

If **"What action do you want Windows to take?"** is set to **"Block"**

1. Click **[OK]**.
2. When the **"Found New Hardware Wizard"** appears, click **[Finish]**.
3. Return to step 1 (p. 2) and re-install the driver from the beginning of the procedure.

### MEMO

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

### MEMO

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

**16** The **Insert Disk** dialog box will appear.  
Click **[OK]**.

### MEMO

The **Insert Disk** dialog may not appear. In that case, proceed to **step 17**.

**17**

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

Input the following into the “**Copy files from**” field, and click **[OK]**.

**D:\DRIVER\XP2K**

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

**18**

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

Make sure that the display indicates “**BOSS DR-880**”, and click **[Finish]**.

Wait until “**Found New Hardware**” appears near the taskbar.

**19**

When driver installation has been completed, the **System Setting 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**”.
- 4.** In “**or pick a Control Panel icon**”, click the **System** icon. The System Properties dialog box will appear.

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

- 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.

Next, you need to make the driver settings.

(→ **MIDI input and output destinations** (p. 11))

## ■ Windows 2000 users

1

With the DR-880 disconnected, start up Windows.

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

2

Log on to Windows as a **user with administrative privileges** (such as Administrator).

3

Open the **System Properties** dialog box.

Click the Windows **Start** button, and from the menu that appears, select **Settings | Control Panel**. In **Control Panel**, double-click the **System** icon.

4

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

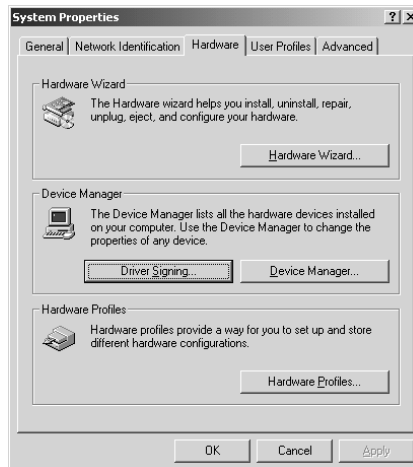
Open the **Driver Signing Options** dialog box.

5

Make sure that “**File signature verification**” 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]**.



6

Close the **System Properties** dialog box.

Click **[OK]**.

7

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.

8

Prepare the CD-ROM.

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

### MEMO

If you changed the “**File signature verification**” setting in **step 5**, you must restore the previous setting after you have installed the driver.

9

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

Open the **“Run...”** dialog box.

10

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



**D:\DRIVER\XP2K\SETUPINF.EXE**

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

11

The **SetupInf** dialog box will appear.

You are now ready to install the driver.

12

Use the **USB cable** to connect the **DR-880** to your **computer**.

\* Before you connect the USB cable, you must first set the DR-880's USB mode to **“MIDI”**, and switch off the DR-880's power.

1. With the power switch turned **OFF**, connect the **AC adaptor** to the **DR-880**.
2. Connect the **AC adaptor** to an electrical outlet.
3. Use the **USB cable** to connect the **DR-880** to your **computer**.

13

Set the DR-880's **power switch** to the **ON** position.

If the **“File signature verification”** setting was not set to **“Ignore”**, a **“Digital Signature Not Found”** dialog box will appear.

**If “File signature verification” is set to “Warn”**

1. Click **[Yes]**.
2. Continue the installation.

**If “File signature verification” is set to “Block”**

1. Click **[OK]**.
2. When the **“Found New Hardware Wizard”** appears, click **[Finish]**.
3. Return to step 1 (p. 6) and re-install the driver from the beginning of the procedure.

### MEMO

For details on how to set the USB mode, refer to the **“DR-880 owner's manual.”**

### MEMO

Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.

### MEMO

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

**14**

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

Click **[OK]**.

**15**

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

Input the following into the “**Copy files from**” field, and click **[OK]**.

**D:\DRIVER\XP2K**

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

**16**

The “**Found New Hardware Wizard**” may be displayed.

Verify that “**BOSS DR-880**” is displayed, and click **[Finish]**.

**17**

The **System Settings Change** dialog box may appear.

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



If the **Insert Disk** dialog box does not appear, please read **The “Insert Disk” dialog box does not appear** (p. 22).

### **If you changed “File signature verification”**

If you changed the “File signature verification” setting, restore the original setting after Windows restarts.

1. After Windows restarts, log in to Windows as a user with **administrative privileges**, (such as Administrator).
2. In the Windows desktop, right-click the **My Computer** icon, and from the menu that appears, select **Properties**. The **System Properties** dialog box will appear.
3. Click the **Hardware** tab, and then click **[Driver signature]**. The **Driver Signing Options** dialog box will appear.
4. Return the “**File signature verification**” setting to the original setting (either “**Warn**” or “**Block**”), and click **[OK]**.
5. Click **[OK]**. The **System properties** dialog box will close.

Next, you need to make the driver settings.

(→ **MIDI input and output destinations** (p. 11))



## ■ Windows Me/98 users

1

With the DR-880 disconnected, start up Windows.

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

2

Exit all currently running software (applications).

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

3

Prepare the CD-ROM.

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

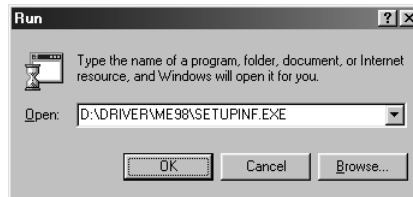
4

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

Open the “**Run...**” dialog box.

5

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



**D:\DRIVER\ME98\SETUPINF.EXE**

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

6

The **SetupInf** dialog box will appear.

You are now ready to install the driver.

7

Use the **USB cable** to connect the **DR-880** to your **computer**.

\* Before you connect the USB cable, you must first set the DR-880's USB mode to “**MIDI**”, and switch off the DR-880's power.

**1.** With the power switch turned **OFF**, connect the **AC adaptor** to the **DR-880**.

**2.** Connect the **AC adaptor** to an electrical outlet.

**3.** Use the **USB cable** to connect the **DR-880** to your **computer**.

### MEMO

For details on how to set the USB mode, refer to the “DR-880 owner's manual.”

### NOTE

Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.

**8** Set the DR-880's **power switch** to the **ON** position.

**9** The driver will be installed automatically.

**10** In the dialog box, click **[OK]**.

*\* If a message recommends that you restart Windows, restart Windows as directed.*

Next, you need to make the driver settings.

(→ **MIDI input and output destinations** (p. 11))

### MEMO

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

# Settings

## ■ MIDI input and output destinations

### Windows XP/2000/Me users

**1**

Open **Control Panel**.

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

#### Windows XP

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

**2**

Open the **Sounds and Audio Devices Properties** dialog box (or in Windows 2000/Me, **Sounds and Multimedia Properties**).

#### Windows XP

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.

#### Windows 2000/Me

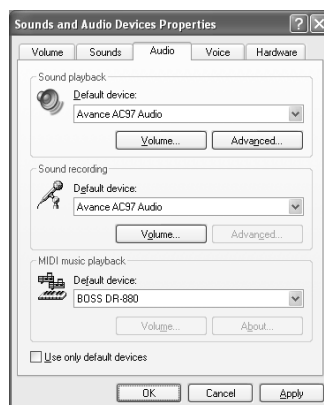
In **Control Panel**, double-click the **Sounds and Multimedia** icon to open the “**Sounds and Multimedia Properties**” dialog box.

**3**

Click the **Audio** tab.

**4**

For **MIDI music playback**, click the ▼ located at the right of [**Default device**] (or in Windows 2000/Me, [**Preferred device**]), and select the **BOSS DR-880** from the list that appears.



**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 display). In this case, double-click the **Sounds and Audio Devices** icon.

### MEMO

Select the appropriate MIDI device for your system. You do not necessarily have to select **BOSS DR-880**.

6

Make MIDI device settings on your sequencer software. For details on the Select the **MIDI OUT/IN device** to the **BOSS DR-880**.

This completes driver settings.



For details on MIDI device settings, refer to the owner's manual for the software you are using.

## Windows 98 users

1

Open **Control Panel**.

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

2

Open the **Multimedia Properties** dialog box.

In **Control Panel**, double-click the **Multimedia** icon to open the “**Multimedia Properties**” dialog box.

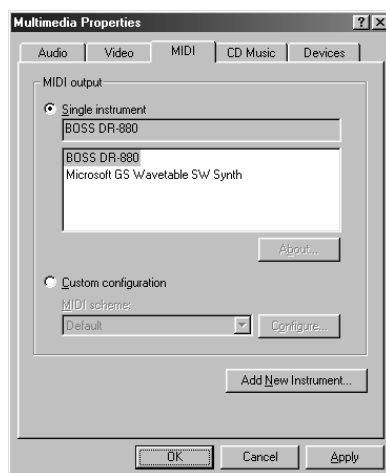
3

Click the **MIDI** tab.

4

Set “**MIDI output**”.

Select **[Single instrument]**, and select the **BOSS DR-880** from the list that appears.



5

Close the **Multimedia Properties** dialog box. Click **OK** to complete the settings.

6

Make MIDI device settings on your sequencer software. Select the **MIDI OUT/IN device** to the **BOSS DR-880**.

This completes driver settings.



Select the appropriate MIDI device for your system. You do not necessarily have to select **BOSS DR-880**.



For details on MIDI device settings, refer to the owner's manual for the software you are using.

# Installing & Setting Up the Driver (Macintosh)

The installation procedure will differ depending on your system.

Please proceed to one of the following sections, depending on the system you use.

- Mac OS 9 users..... (p. 13)
- Mac OS X users..... (p. 19)

## Mac OS 9 users

### ■ Installing the driver

#### Use either OMS or FreeMIDI as the MIDI driver.

The included **DR-880 driver** is an add-on module for using the DR-880 with OMS or FreeMIDI.

- \* Either **OMS** or **FreeMIDI** must be installed in your Macintosh, as appropriate for the sequencer software you are using.
- \* Disconnect the DR-880 from the Macintosh before you perform the installation.

#### MEMO

**OMS** can be found in the **OMS 2.3.8 E** folder within the **OMS** folder of the CD-ROM. If you would like to know more about **OMS**, refer to **OMS\_2.0E\_Mac.pdf** which can be found in the same folder.

If a DR-880 is already connected to your Macintosh when you install the driver, a message like the following will appear when the Macintosh is started up. Perform the steps described below as appropriate for the message that is displayed.

If the screen indicates:

**“Driver required for USB device ‘unknown device’ is not available. Search for driver on the Internet?”** → click **[Cancel]**.

If the screen indicates:

**“Software required for using device ‘unknown device’ cannot be found. Please refer to the manual included with the device, and install the necessary software”.**  
→ click **[OK]**.

Use the following procedure to install the DR-880 driver.

**1**

Exit all currently running software (applications).

If you are using a virus checker or similar software, be sure to exit this as well.

**2**

Prepare the CD-ROM.

Insert the CD-ROM into the CD-ROM drive.

3

Double-click the **DR-880 Driver-E Installer** icon (found in the **Driver E (Mac OS 9)** folder of the CD-ROM) to start up the installer.

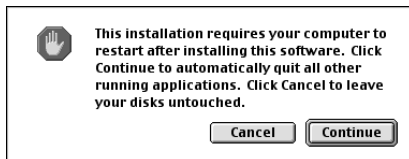
4

Verify the **Install Location**, and click **[Install]**.

5

If a message like the following is displayed, click **[Continue]**.

The other currently running applications will exit, and installation will continue.



6

A dialog box will indicate **Installation completed**.

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

## ■ Setting the driver

### OMS settings

1

Use the **USB cable** to connect the **DR-880** to your **computer**.

\* Before you connect the USB cable, you must first set the DR-880's USB mode to "MIDI", and switch off the DR-880's power.

1. With the power switch turned **OFF**, connect the **AC adaptor** to the **DR-880**.
2. Connect the **AC adaptor** to an electrical outlet.
3. Use the **USB cable** to connect the **DR-880** to your **computer**.

2

Set the DR-880's **power switch** to the **ON** position.

3

From the CD-ROM, drag the **Driver E (Mac OS 9) - OMS Setting** folder to the hard disk of your Macintosh to copy it.



4

In the **Opcode-OMS Application** folder where you installed OMS, double-click **OMS Setup** to start it up.



### MEMO

For details on how to set the USB mode, refer to the "DR-880 owner's manual."

### MEMO

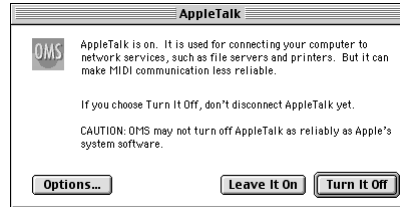
Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.

### MEMO

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

5

If a dialog box like the one shown here appears, click **[Turn It Off]**. A confirmation dialog box will then appear, so click **[OK]**.

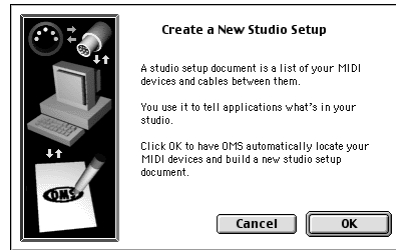


## MEMO

We recommend that you turn off **AppleTalk**, by selecting **Chooser** from the Apple menu.

6

The **Create a New Studio Setup** dialog box will appear. Click **[Cancel]**. If you accidentally clicked **[OK]**, click **[Cancel]** in the next screen.

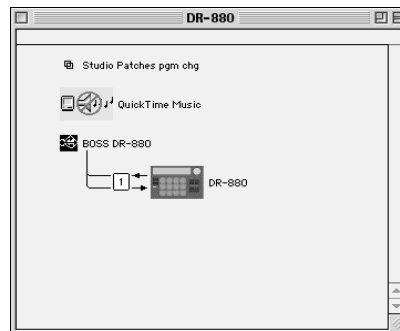


7

Choose **"Open"** from the **File** menu.

From the **Setting** folder that you copied in **step 3**, select the **DR-880** file, and click **[Open]**.

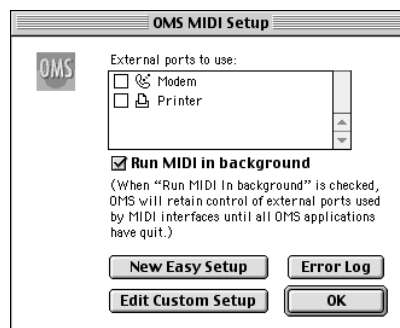
A screen like the one shown here will appear.



8

From the **Edit** menu, select **OMS MIDI Setup**.

In the **OMS MIDI Setup** dialog box that appears, check **Run MIDI in background**, and click **[OK]**.

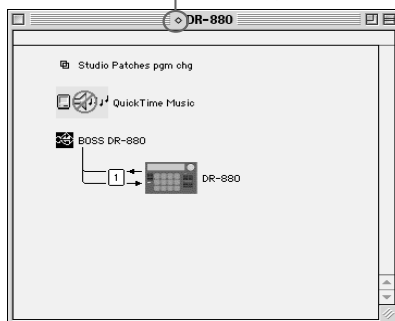


9

From the **File** menu, choose **Make Current**.

If you are unable to select **Make Current**, it has already been applied, and you may continue to the next step.

A diamond mark (◊) indicate in the settings are enabled.

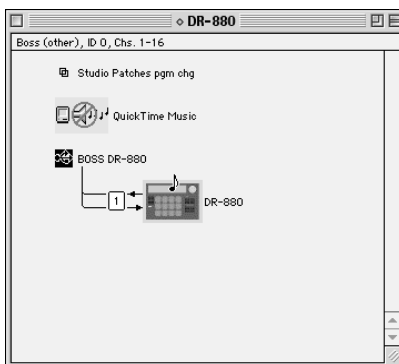


10

Verify that MIDI transmission and reception can be performed correctly. From the **Studio** menu, choose **Test Studio**.

When you move the mouse cursor near the DR-880 icon, the cursor will change to a musical note shape.

Click the DR-880 icon shown in the diagram at the right. If you hear sound from the DR-880, the settings have been made correctly.



11

Exit **OMS Setup**.

From the **File** menu, choose **[Quit]**. If the **AppleTalk confirmation** dialog box appears, click **[OK]** to close the dialog box.

12

Make MIDI device settings on your sequencer software.

Select the **MIDI OUT/IN device** to the **BOSS DR-880**.

This completes the series of steps needed to connect the DR-880 to the Macintosh, install the MIDI driver, and make the driver settings.

### MEMO

For details on connecting a MIDI sound module, refer to the owner's manual for your MIDI sound module.

### MEMO

For details on MIDI device settings, refer to the owner's manual for the software you are using.



## ■ FreeMIDI settings

### 1

Use the **USB cable** to connect the **DR-880** to your **computer**.

*\* Before you connect the USB cable, you must first set the DR-880's USB mode to "MIDI", and switch off the DR-880's power.*

1. With the power switch turned **OFF**, connect the **AC adaptor** to the **DR-880**.
2. Connect the **AC adaptor** to an electrical outlet.
3. Use the **USB cable** to connect the **DR-880** to your **computer**.

### 2

Set the DR-880's **power switch** to the **ON** position.

### 3

From the CD-ROM, copy the **Driver E (Mac OS 9) – FreeMIDI Setting** folder onto the hard disk of your Macintosh.

### 4

Open the **FreeMIDI Applications** folder from the location into which you installed FreeMIDI, and double-click the **FreeMIDI Setup** icon to start it up.

### 5

The first time you start up, use the following procedure.

1. A dialog box saying "**Welcome to FreeMIDI!**" will appear.  
Click **[Continue]**.
2. When the **FreeMIDI Preferences** dialog box appear.  
Click **[Cancel]**.
3. The **About Quick Setup** dialog box will appear.  
Click **[Cancel]**.

#### MEMO

For details on how to set the USB mode, refer to the "DR-880 owner's manual."

#### MEMO

Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.

#### MEMO

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

#### MEMO

When "**OMS is installed on this computer...**" appears, click **[FreeMIDI]**.

6

From the **File** menu, choose **Open**.

7

Select **DR-880** from the **FreeMIDI Setting** folder you copied in **step 3**, and click **[Open]**.

8

From the **MIDI** menu, choose **Audition Channels**.

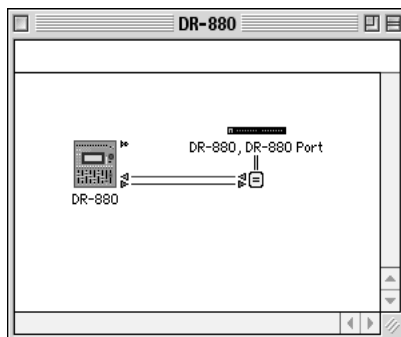
The **DR-880** dialog box will appear. Choose **Use all Channels**, and click **[OK]** to close the dialog box.

9

Verify that MIDI transmission and reception occur correctly.  
From the **MIDI** menu, choose **Check Connections**.

10

Click the DR-880 icon shown in the diagram at the right. If you hear sound from the DR-880, the settings have been made correctly.



11

Once again choose the **MIDI** menu command **Check Connections** to end the test.

12

From the **File** menu, choose **Quit** to exit **FreeMIDI Setup**.

13

Make MIDI device settings on your sequencer software.  
Select the **MIDI OUT/IN device** to the **BOSS DR-880**.

This completes the series of steps needed to connect the DR-880 to the Macintosh, install the MIDI driver, and make the driver settings.

## MEMO

If you are unable to select **Open**, make settings as follows.

1. From the **File** menu, choose **FreeMIDI Preference**.

2. Uncheck "Use OMS when available."

3. Close FreeMIDI.

4. Return to step 4 and continue the procedure.

## MEMO

For details on MIDI device settings, refer to the owner's manual for the software you are using.

# Mac OS X Users

## ■ Installing the driver

- 1 Disconnect all USB cables other than those for your keyboard and mouse, and restart your Macintosh.
- 2 Prepare the CD-ROM.  
Insert the CD-ROM into the CD-ROM drive of your computer.
- 3 In the **Driver (Mac OS X)** folder of the CD-ROM, double-click **DR-880USBDriver.pkg**.
- 4 In the **authentication** dialog box, input the password and click **[OK]**.
- 5 The display will indicate **“Welcome to BOSS DR-880 USB Driver installation”**.  
Click **[Continue]**.
- 6 If the display indicate **“Important message,”** read the contents and click **[Continue]**.
- 7 The display will indicate **“Select the location for installation”**.  
Click the drive in which the operating system is installed to select it, and then click **[Continue]**.
- 8 The display will indicate **“Easy installation”**.  
Click **Install** or **Upgrade**.
- 9 The display will indicate **“Installing this software requires you to restart your computer when the installation is done. Are you sure you want to install the software now?”**  
Click **[Continue installation]**.
- 10 The display will indicate **“The software was successfully installed”**.  
Click **[Restart]** to restart your computer.

### MEMO

If the **“Authernticate”** dialong box appears during the installation, input the password and click **“OK”**.

## Cautions when using the DR-880

Before you use your sequencer software, please note the following points.

- \* *Connect the DR-880 to your computer via a USB cable before you start up your sequencer or other software.*
- \* *Do not disconnect the USB cable from the DR-880 while your sequencer or other software is running.*
- \* *Disconnect the USB cable from the DR-880 only after you have quit your sequencer or other software.*
- \* *Leave the Sleep function of your Macintosh turned off.*
- \* *The DR-880 will not work in the Classic environment of Mac OS X. Use the DR-880 when the Classic environment is not running.*

## ■ Setting the driver

1

Use the **USB cable** to connect the **DR-880** to your **computer**.

- \* *Before you connect the USB cable, you must first set the DR-880's USB mode to "MIDI", and switch off the DR-880's power.*

1. With the power switch turned **OFF**, connect the **AC adaptor** to the **DR-880**.
2. Connect the **AC adaptor** to an electrical outlet.
3. Use the **USB cable** to connect the **DR-880** to your **computer**.

2

Set the DR-880's **power switch** to the **ON** position.

3

Make MIDI device settings on your sequencer software.  
Select the **MIDI OUT/IN device** to the **BOSS DR-880**.

This completes the series of steps needed to connect the DR-880 to the Macintosh, install the MIDI driver, and make the driver settings.

### MEMO

For details on how to set the USB mode, refer to the "DR-880 owner's manual."

### MEMO

Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.

### MEMO

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

### MEMO

For details on MIDI device settings, refer to the owner's manual for the software you are using.

# Troubleshooting



Problems common to Windows and Macintosh



Problems occurring only in Windows



Problems occurring only in Macintosh



## Cannot install the driver correctly

- **Is the CD-ROM correctly inserted into your CD-ROM drive?**  
Installation is not possible unless the CD-ROM included with the DR-880 is inserted in your CD-ROM drive. Make sure that the CD-ROM is correctly inserted into your CD-ROM drive.
- **Is the CD-ROM or the lens of the CD-ROM dirty?**  
If the CD-ROM or the lens of the CD-ROM drive is dirty, the installer may not work correctly. Clean the disc and/or lens using a commercially-available CD cleaner or lens cleaner.
- **Are you installing the software from a networked CD-ROM drive?**  
The software cannot be installed from a networked CD-ROM drive.
- **Is there sufficient free space on your hard disk?**  
Delete unneeded files to increase the amount of free space. After deleting the unneeded files, empty the recycling bin.
- **Is the DR-880 connected correctly?**  
Make sure that the USB connector of your computer is connected to the DR-880 by a USB cable.
- **Is the power of the DR-880 turned on?**
- **The power switch of the DR-880 may have been set to the USB position.**  
Make sure that the power switch of the DR-880 is set to the DC position. Do not use bus power while installing the driver. Check this, and if you are using Windows, close the **Sound and Multimedia Properties** dialog box (**Sounds and Audio Devices Properties** in Windows XP, and **Multimedia Properties** in Windows 98), re-open the same dialog box once again, and specify the MIDI input/output destinations.



- Re-install the DR-880 driver as described in “**Installing & Setting Up the Driver (Windows)**” (p. 2). Also check whether there is any “**Other devices**” in “**Device Manager**” or “**Unknown device**” in “**Universal Serial Bus Controllers**”. If you find any, delete them.



- **Is OMS or FreeMIDI installed?**  
In Mac OS 9, the DR-880 driver cannot be installed unless **OMS** or **FreeMIDI** are installed. Please install **OMS** or **FreeMIDI**. ( → “**Installing & Setting Up the Driver (Macintosh)**” (p. 13))



## DR-880 is not detected when making OMS or FreeMIDI settings

- **Is the DR-880 detected?**

Turn the power of the DR-880 off, then on again.

Reconnect the USB cable.

If other USB devices are connected, connect only the DR-880.

It is possible that the Macintosh did not correctly detect and initialize the DR-880. Leave the DR-880's USB cable connected, and restart your Macintosh. If it is still not detected, shut down your Macintosh, and then restart it.

The DR-880 will not be detected if it is connected to the USB connector on the Macintosh keyboard. Please connect the DR-880 to a USB connector on the Macintosh itself.



## “Find new hardware wizard” does not execute automatically



## The “Insert Disk” dialog box does not appear



## “Find new hardware wizard” ends before the process is completed

- **It may take about 15 seconds (or more) after the USB cable is connected for the DR-880 to be detected.**

- **Is the USB cable connected correctly?**

Make sure that the DR-880 and your computer are correctly connected via a USB cable.

- **Is USB enabled on your computer?**

Refer to the operation manual for your computer, and make sure that USB is enabled.

- **It has been found that in some cases, not all of the Windows 98 files required to support audio via USB are installed when a computer is shipped.**

Please contact the manufacturer of your computer.

- **Does your computer meet the USB specifications?**

If you are using a computer that does not fulfill the electrical requirements of the USB specifications, operation may be unstable. In this case, you may be able to solve the problem by connecting a USB hub.

If the above actions do not solve the problem, it is possible that the DR-880 has been incorrectly detected by the computer. Please reinstall the driver from the beginning of the procedure.

(→“Installing & Setting Up the Driver (Windows)” (p. 2))



## “Found unknown device” appears even though you installed the driver

If your computer or USB hub has two or more USB connectors, and you connect the DR-880 to a USB connector to which the DR-880 has never been connected before, the “Unknown device” dialog box may appear even on a computer onto which you have already installed the driver.

Refer to “Installing & Setting Up the Driver (Windows)” (p. 2), and install the driver once again.

This is not a malfunction.

If the “Found unknown device” dialog box appears even though the DR-880 is connected to the same USB connector as before, it is possible that the computer has detected the DR-880 incorrectly. Please reinstall the driver from the beginning of the procedure. (→“Installing & Setting Up the Driver (Windows)” (p. 2))



## **An “Unknown driver found” dialog box appears, and you are unable to install the driver**



## **Device Manager shows “?”, “!”, or “USB Composite Device”**



## **Driver is not installed correctly**

It is possible that the computer has detected the DR-880 incorrectly. Please reinstall the driver from the beginning of the procedure. (→“**Installing & Setting Up the Driver (Windows)**” (p. 2))



## **Can’t install/use the driver in Windows XP/2000**

- **Did you log on to Windows as a user with administrative privileges?**  
In order to install/re-install the driver in Windows XP/2000, you must be logged into Windows as a user with administrative privileges, such as Administrator. For details, please contact the system administrator for your computer system.
- **Did you make “Driver Signing Options”?**  
In order to install/re-install the driver, you must make “Driver Signing Options”.  
(Windows XP → p. 2, Windows 2000 → p. 6)



## **Windows XP/2000 displays a “Hardware Installation” or “Digital Signature Not Found” dialog box**

- **Did you make “Driver Signing Options”?**  
In order to install/re-install the driver, you must make the settings described in “Driver Signing Options”.  
(Windows XP → p. 2, Windows 2000 → p. 6)