



***xD-Picture Card™***

**USB Read/Write Memory Adapter**

**MAUSB-200**

**REFERENCE MANUAL**

**OLYMPUS®**

# Introduction

Thank you for purchasing our product.

The **MAUSB-200** USB Read/Write Memory Adapter (hereinafter referred to as “**the adapter**”) is designed exclusively for reading and writing data to an **xD-Picture Card™** (hereinafter referred to as “**card**”). You can transfer large amounts of data to and from the card quickly and easily using a computer equipped with a USB port. Before using the adapter, read this manual and the separate “Start Guide” carefully.

This manual assumes that the user is familiar with computer operation and operating systems. For information about computers, optional devices, operating software, and so on, refer to the manuals supplied with the respective products.

## Main features

- **Compatible with xD-Picture Card.**

You can transfer images taken by a digital camera compatible with **xD-Picture Card** to your computer.

- **Supports USB 2.0 interface, USB Mass Storage Class.**

The adapter supports the high-speed USB 2.0 interface, which allows even faster data transfer than USB 1.1.\*<sup>1</sup> All you have to do is connect the adapter to your computer. The inserted **xD-Picture Card** will be recognized as a Removable Disk by the computer. There's no need to install the device driver on the computer.\*<sup>2</sup>

You can view images quickly on the computer, transfer image data to the computer, or write data from the computer to the inserted card.

- **Supports Hot Plug providing USB Bus Power for USB connection.**

You can connect/disconnect the adapter without turning off the computer. Since power is supplied by the connecting computer via a USB interface, a separate power supply (such as an AC adapter) is not required.

- **Compact, lightweight stick-type device.**

- **Compatible with both Windows and Macintosh OS.**

\*<sup>1</sup> A computer supporting USB 2.0 is required. Only USB 1.1 is available for computers that do not support USB 2.0.

\*<sup>2</sup> Users running Windows 98/98SE need to install a device driver which is downloadable from the OLYMPUS web site.

## For customers in North and South America

### For customers in the USA

Declaration of Conformity

Model Number : MAUSB-200

Trade Name : OLYMPUS

Responsible Party : **OLYMPUS IMAGING AMERICA INC.**

Address : 2 Corporate Center Drive, P.O. Box 9058, Melville, New York 11747-9058 U.S.A.

Telephone Number : 631-844-5000



Tested To Comply With FCC Standards  
FOR HOME OR OFFICE USE

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

### For customers in Canada

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

## For customers in Europe



“CE” mark indicates that this product complies with the European requirements for safety, health, environment and customer protection.



This symbol [crossed-out wheeled bin WEEE Annex IV] indicates separate collection of waste electrical and electronic equipment in the EU countries.

Please do not throw the equipment into the domestic refuse.

Please use the return and collection systems available in your country for the disposal of this product.

## Trademarks

- Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- Apple, Mac, Macintosh, Mac OS are trademarks of Apple Computer, Inc., registered in the U.S. and other countries.
- **xD-Picture Card**  and other company and product names are registered trademarks and/or trademarks of their respective owners in Japan and/or other countries.

# Contents

Introduction .....	2
Contents .....	3
What's included .....	4
Names of parts .....	4
Before getting started .....	5

## Windows 98/98SE

How to install	1. Turn on the computer .....	7
	2. Download and install the device driver .....	7
Operating the adapter	1. Inserting a card .....	8
	2. Connecting to the computer .....	9
	3. Removing a card .....	11
	4. Disconnecting the adapter .....	11
	5. Copying files from/to a card .....	12
	6. About card formatting .....	12

## Windows Me/2000/XP

How to install	1. Turn on the computer .....	13
Operating the adapter	1. Inserting a card .....	13
	2. Connecting to the computer .....	14
	3. Removing a card .....	16
	4. Disconnecting the adapter .....	17
	5. Copying files from/to a card .....	18
	6. About card formatting .....	18

## Mac OS 9

How to install	1. Turn on the computer .....	19
Operating the adapter	1. Inserting a card .....	19
	2. Connecting to the computer .....	20
	3. Removing a card .....	21
	4. Disconnecting the adapter .....	21
	5. Copying files from/to a card .....	22
	6. About card formatting .....	22

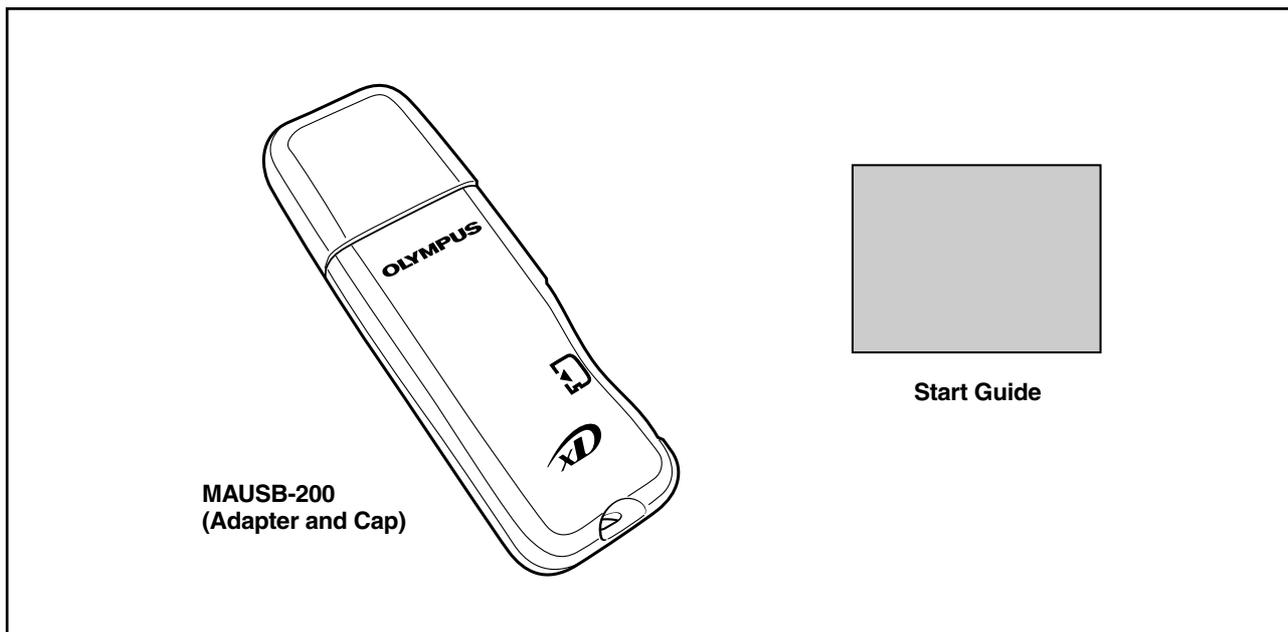
## Mac OS X

How to install	1. Turn on the computer .....	23
Operating the adapter	1. Inserting a card .....	23
	2. Connecting to the computer .....	24
	3. Removing a card .....	25
	4. Disconnecting the adapter .....	25
	5. Copying files from/to a card .....	26
	6. About card formatting .....	26

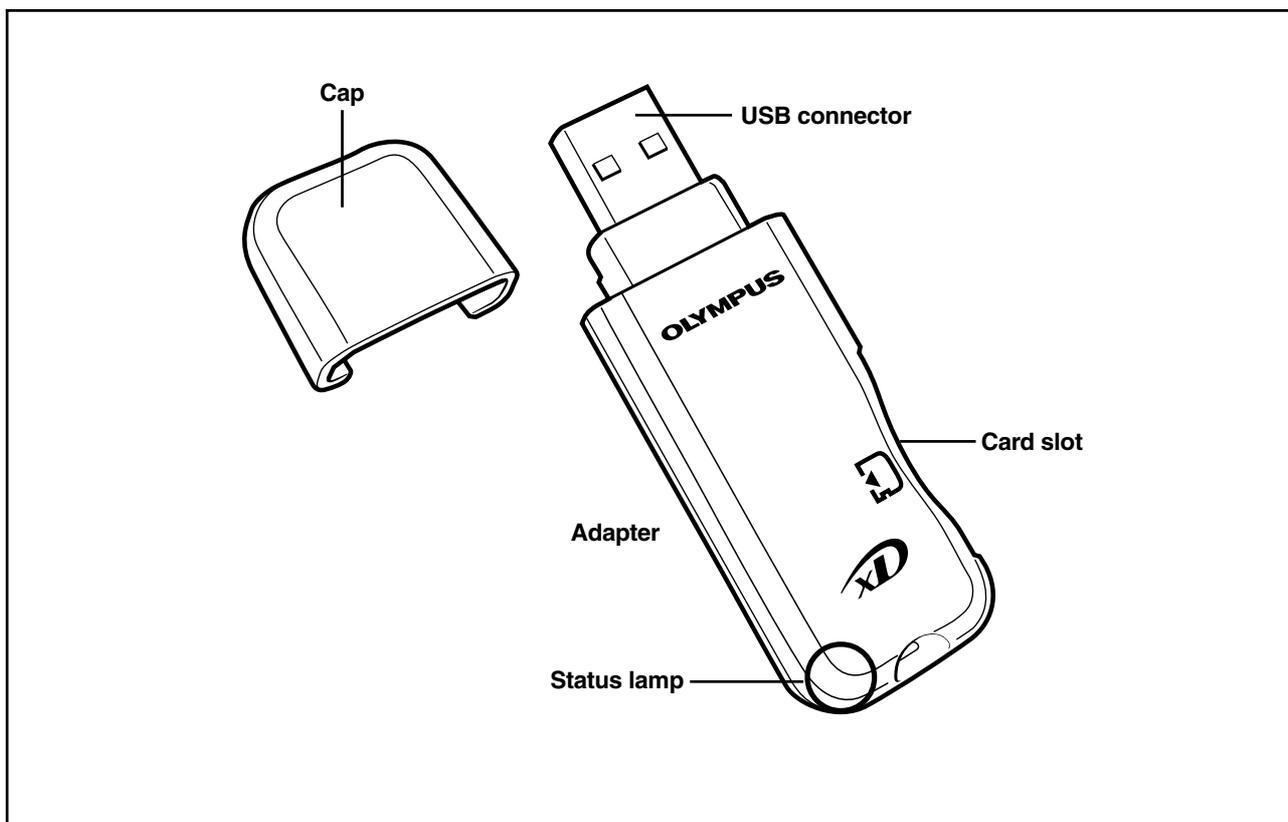
Troubleshooting .....	27
Specifications .....	29
Glossary .....	30

# What's included

Make sure all the following items are included.  
If any items are missing, inform the shop from where you purchased the adapter right away.



# Names of parts



# Before getting started

## System requirements

---

Your computer must conform to the following minimum standards in order to use it with the adapter.

- Compatible operating systems  
Windows 98/98SE/Me/2000 Professional (hereinafter referred to as Windows 2000)/XP  
Mac OS 9.0 - 9.2.2/X (v10.1.2 or later)\*
- Any computer equipped with a USB interface as standard (USB Ver. 2.0 or Ver. 1.1 compliant)

\* Some restrictions apply to use with Mac OS X. For details, visit the Olympus web site (<http://www.olympus.com/>).

## Supported cards

---

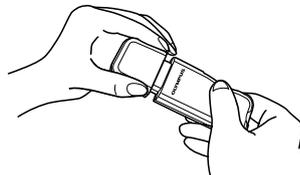
### xD-Picture Card

16MB/32MB/64MB/128MB/256MB/512MB/1GB (3.3 V)

## Precautions

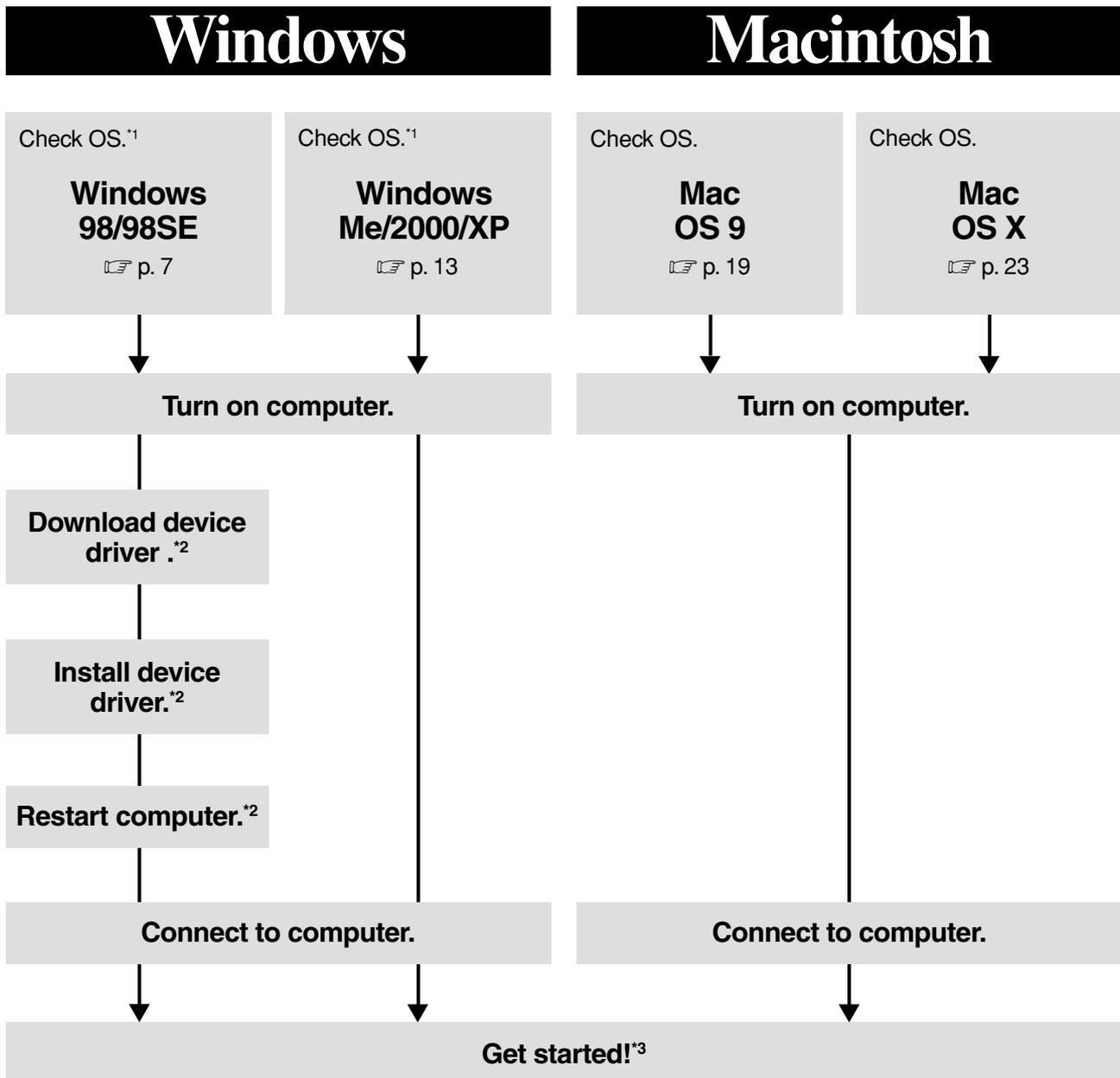
---

- Before using the adapter, make sure there is adequate space around the computer's USB port so that the adapter can be connected properly. Plugging in the adapter forcibly may damage the adapter and/or USB port.
- In some cases, depending on your computer system's operating environment (i.e. hardware, software, and device drivers), the adapter may not work properly.
- The adapter may not function properly when connected to a PC via a USB port on a USB hub, keyboard or display. In this case, connect the adapter directly to the computer's USB port.
- Versions of Windows 98/Me upgraded from Windows 3.1/95, or Windows 2000 upgraded from Windows 95/NT 4.0/NT 3.51 may not work properly. In this case, you may need to reinstall your OS.
- **Do not pull the card out of the card slot, or unplug the adapter while the status lamp is blinking.** Doing so may destroy data on the card or damage the card.
- You must format the card on a digital camera regularly. If the card inserted into the adapter has been formatted with the connected computer, it may not be recognized by a digital camera. For details on formatting with a camera, refer to the camera's instruction manual.  
If your camera does not recognize a card formatted on another device, re-format the card with your camera. (Cards formatted with non-DOS formatting systems are not recognized by the adapter.)
- The adapter does not support computer power-saving functions. Turn off the power-saving function before you use the adapter with your computer.
- It is not possible to connect two or more MAUSB-200 adapters to a single PC at the same time.
- Do not swing the strap while attaching it to the adapter. Avoid banging the adapter against hard objects.
- To attach the cap, align the front of the cap with the front of the adapter and slide it into place.



## Getting started

The installation procedure varies depending on the operating system you are using on your computer. Follow the correct procedure for your operating system.



\*1 : Windows 3.1, Windows 95, Windows NT are not compatible.

\*2 : You only need to perform this procedure before using the adapter for the first time.

\*3 : Refer to "Operating the adapter" in each OS chapter for more details.

# Windows 98/98SE

## How to install

When you install the adapter, also refer to your computer's user manual and the manuals for any optional devices you are using.

### 1 Turn on the computer

<98/98SE ♦ Install>

Turn on the computer's power (and connected devices, such as a monitor) to start Windows 98/98SE.

### 2 Download and install the device driver

<98/98SE ♦ Install>

When using the adapter for the first time, you must first download and install the device driver from the OLYMPUS web site.

Before installation, make sure that the computer is turned on, then follow the steps below to install the device driver on the computer.

- Note that the windows shown below may look different on your computer, depending on how your operating system is configured.

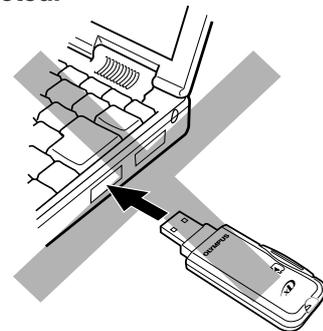
1. Open the web site, then follow the instruction to download the device driver.

MAUSB-200 Device Driver Web Site :

<http://www.olympus.com/>

#### Notes

**DO NOT connect the adapter until installation of the device driver is completed.**



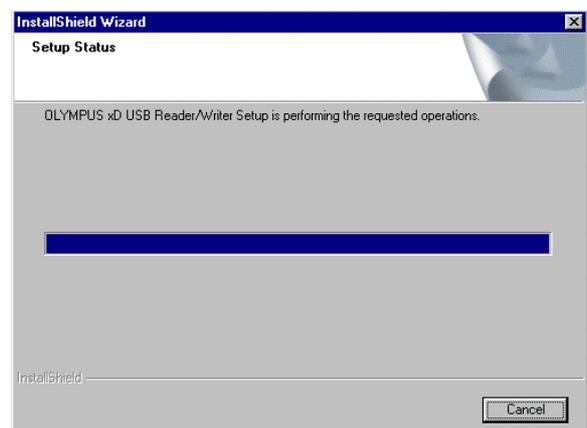
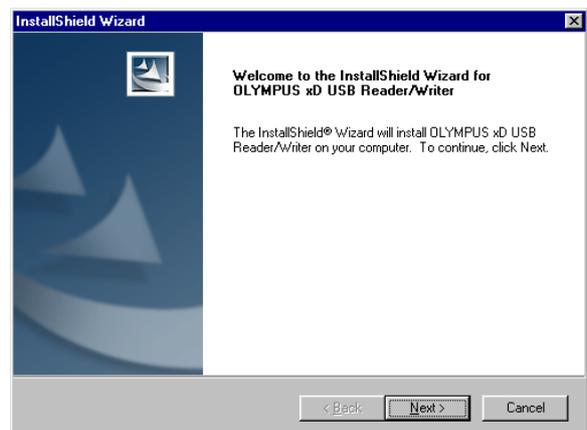
2. When you double-click the file you downloaded, the installation setup window appears first. When the [InstallShield Wizard] window at right appears, you can begin installation.

Click the [Next] button.

- If you want to cancel the installation, click [Cancel].

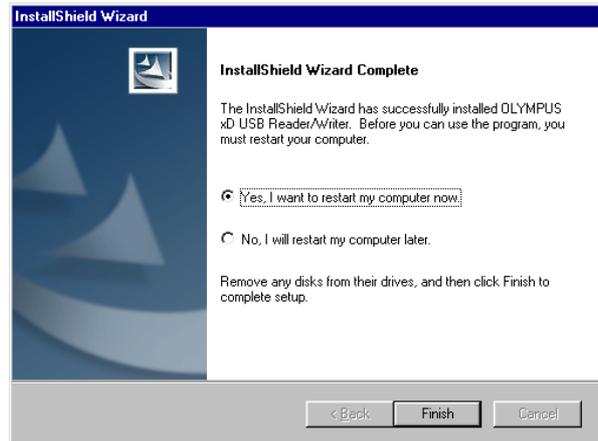
3. During installation, the window at right appears.

- The installation time may vary, depending on the computer you are using.



4. When the device driver installation is complete, the window at right appears. Select [Yes, I want to restart my computer now.] if you are ready, then click [OK].

- The computer restarts.



The device driver is now installed.

Once the device driver has been installed, the adapter will be recognized automatically whenever it is plugged into the computer.

### If the [Add New Hardware Wizard] window appears before installing the device driver

If you connect the adapter to the computer before installing the device driver, the [Add New Hardware Wizard] window appears. In this case, follow the steps below.

1. Disconnect the adapter from the computer (p. 11).
2. Click the [Cancel] button.
3. Follow the instructions in “2 Download and install the device driver” (p. 7).



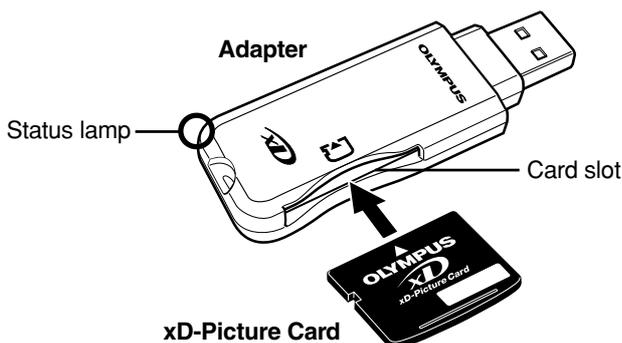
## Operating the adapter

The operating procedures for the adapter under Windows 98/98SE are described below.

### 1 Inserting a card

Insert a card into the adapter.

Make sure the card is level and that the gold-colored contact area is facing **down**. Insert the card all the way into the card slot.



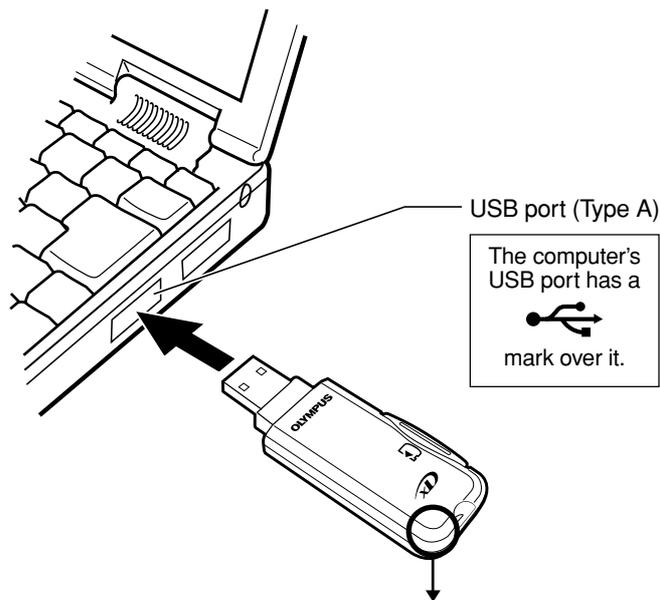
#### Notes

- Make sure that the card is facing the right way.
- **DO NOT** insert the card at an angle. Forcing a card in diagonally may damage the adapter and/or the card.

Connect the adapter's connector to the USB port on the computer. (You can plug in the USB connector while the computer is in use.)

### Notes

- **Be sure to connect the adapter to the computer AFTER installing the device driver.**
- Make sure the connector is fully inserted.
- When inserting the connector, make sure it is oriented correctly (refer to the pictures below). Inserting the connector incorrectly may damage the connector and/or the computer's USB port.
- Before connecting the adapter, make sure there is adequate space around the computer's USB port so that the adapter can be connected properly. Plugging in the adapter forcibly may damage the adapter and/or USB port.
- **DO NOT** apply force to the computer's USB port or the adapter when removing/inserting a card from/into the adapter if it is directly connected to the computer's USB port.



### Status lamp

Lights : When the adapter is connected to the computer and is ready to use.

Blinks : When reading/writing to a card.

Goes out : When there is no card in the adapter, or when right-clicking the [Removable Disk] icon and selecting [Eject] from the pop-up menu.

Goes out after lighting : When the card is not recognized.

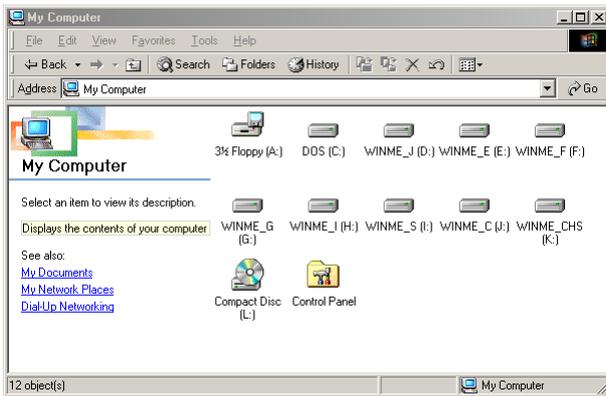
- **NEVER pull the card out of the card slot or unplug the adapter from the computer while the status lamp is blinking.** Doing so may destroy the data stored on the card.
- The status lamp does not light if the card is not recognized correctly. When this happens, pull the card out of the adapter, then wipe the contact area with a dry cloth, and insert the card again. If the problem persists, the card may be damaged.

When you insert the card into the adapter and connect the adapter to the computer, it is recognized as a [Removable Disk] and the status lamp lights up. (If the adapter is connected to the computer with no card in it, the status lamp does not light, but the adapter is recognized as a [Removable Disk].) Make sure that a [Removable Disk] has been added to [My Computer].

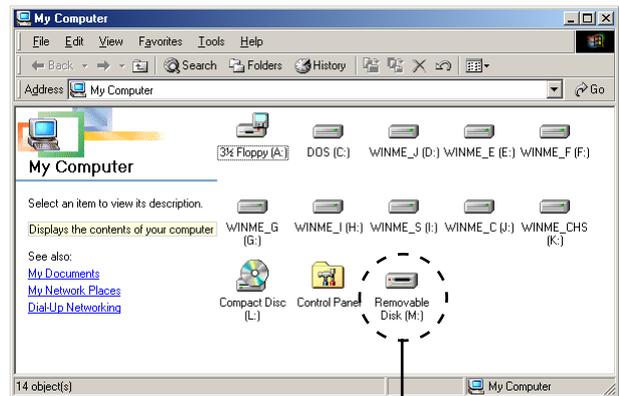
**Notes**

The drive letter assigned to the adapter by your computer may differ depending on how your operating system is configured. Be sure to check the assigned drive letter after you make the connection.

**Before connecting**



**After connecting**



**Adapter**

In this example, the Removable Disk is recognized as the M drive. The drive letter (e.g. [M:], [N:], etc.) used by your computer may differ depending on your computer and/or connected optional devices.

## 3 Removing a card

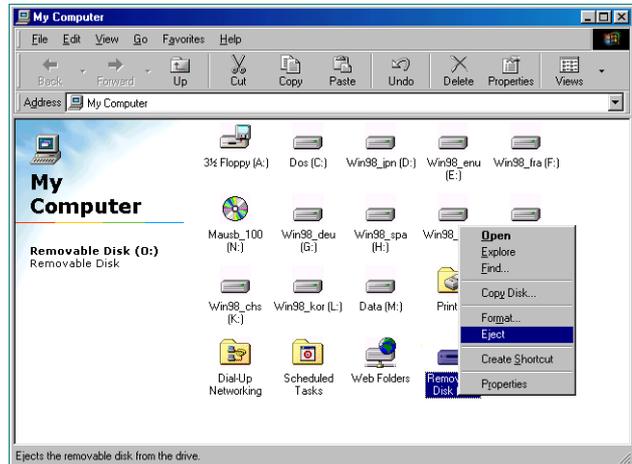
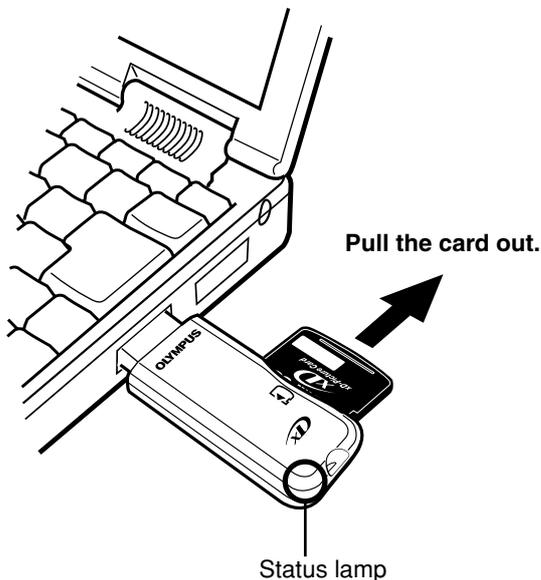
<98/98SE ♦ Operation>

Before removing a card, close all software programs that are using data on the card (e.g. Explorer, image viewing software), then follow the steps below.

### Attention!

- If you do not follow the steps below, the data on the card may be damaged.
- **DO NOT** apply force to the computer's USB port or the adapter when removing/inserting a card from/into the adapter if it is directly connected to the computer's USB port.

1. **Double-click** [My Computer] on the desktop.
2. **Right-click** the corresponding [Removable Disk] icon, then click [Eject] in the pop-up menu.
  - The card will not be ejected when [Eject] is clicked in this step.
3. Make sure that the status lamp is **NOT on**.
4. Pull the card out of the card slot as shown.



### Notes

- **NEVER** pull the card out of the card slot or unplug the adapter from the computer while the status lamp is blinking. Doing so may destroy the data on the card or the card itself, or cause the computer to malfunction.

## 4 Disconnecting the adapter

<98/98SE ♦ Operation>

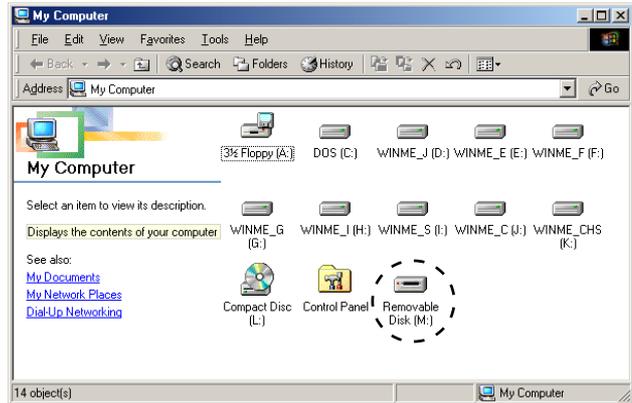
Before disconnecting the adapter from the computer, close all software programs that are using data on the card (e.g. Explorer, image viewing software), then follow the steps below.

1. If a card is inserted in the adapter, follow steps 1 - 3 in "3 Removing the card".
2. Make sure that the status lamp is **NOT on**.
3. Unplug the adapter from the computer's USB port.
  - You can unplug the adapter with the computer's power on. (You do not need to turn off the computer, restart it, or put it in the sleep mode.)

## 5 Copying files from/to a card

<98/98SE ♦ Operation>

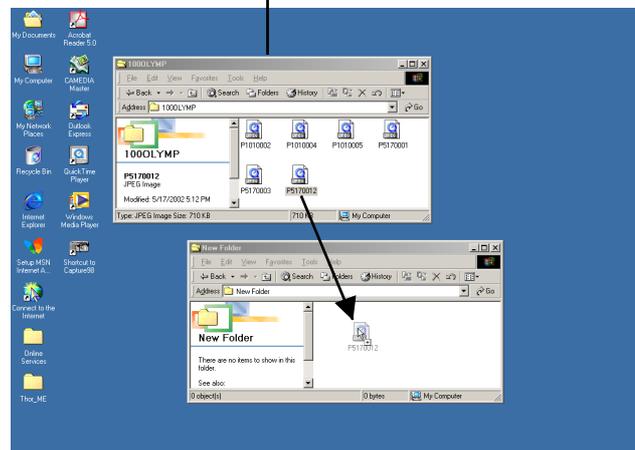
1. Insert a card into the adapter and connect it to the computer's USB port.
2. **Double-click** [My Computer] from the desktop.
3. To view the contents of the card, **double-click** the corresponding [Removable Disk] icon.
  - Double-clicking the [Removable Disk] icon will display the directory and the list of image files on the inserted card.



In this example, the Removable Disk is recognized as the M drive. The drive letter (e.g. [M:], [N:], etc.) used by your computer may differ depending on your computer and/or connected optional devices.

4. **Drag** the file icons you want to copy and **drop** them onto the destination folder.
  - The process is the same as copying files on a floppy disk to a folder on the desktop.
  - It is also possible to move files to another folder, erase files, or write files from another folder.

The window containing the files to be copied



### Drag & Drop

To perform a drag and drop, press and hold the left mouse button over the selected file(s), then move the mouse (drag) to the desired location and release the button to copy (drop).

## 6 About card formatting

<98/98SE ♦ Operation>

### Notes

- You must format a card on a digital camera regularly. If the card inserted into the adapter has been formatted with the connected computer, it may not be recognized by a digital camera. For details on formatting with a camera, refer to the camera's instruction manual.  
If your camera does not recognize a card formatted on another device, re-format the card with your camera. (Cards formatted with non-DOS formatting systems are not recognized by the adapter.)

### Before formatting the card

- When formatting the xD-Picture Card, make sure that there is no important data on it. Existing data will not be usable after the card has been formatted.

# Windows Me/2000/XP

## How to install

When you install the adapter, also refer to your computer's user manual and the manuals for any optional devices you are using.

### 1 Turn on the computer

<Me/2000/XP ♦ Install>

Turn on the computer's power (and connected devices, such as a monitor) to start Windows Me/2000/XP.

## Operating the adapter

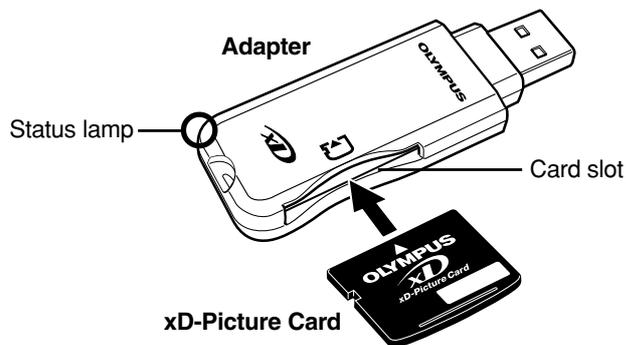
The operating procedures for the adapter under Windows Me/2000/XP are described below.

### 1 Inserting a card

<Me/2000/XP ♦ Operation>

Insert a card into the adapter.

Make sure the card is level and that the gold-colored contact area is facing **down**. Insert the card all the way into the card slot.



#### Notes

- Make sure that the card is facing the right way.
- **DO NOT** insert the card at an angle. Forcing a card in diagonally may damage the adapter and/or the card.

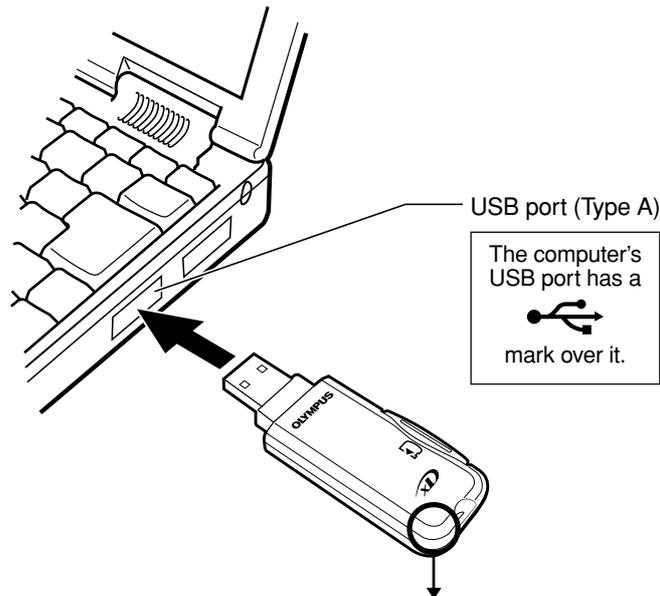
## 2 Connecting to the computer

<Me/2000/XP ♦ Operation>

Connect the adapter's connector to the USB port on the computer. (You can plug in the USB connector while the computer is in use.)

### Notes

- Make sure the connector is fully inserted.
- When inserting the connector, make sure it is oriented correctly (refer to the pictures below). Inserting the connector incorrectly may damage the connector and/or the computer's USB port.
- Before connecting the adapter, make sure there is adequate space around the computer's USB port so that the adapter can be connected properly. Plugging in the adapter forcibly may damage the adapter and/or USB port.
- **DO NOT** apply force to the computer's USB port or the adapter when removing/inserting a card from/into the adapter if it is directly connected to the computer's USB port.



### Status lamp

Lights : When the adapter is connected to the computer and is ready to use.

Blinks : When reading/writing to a card.

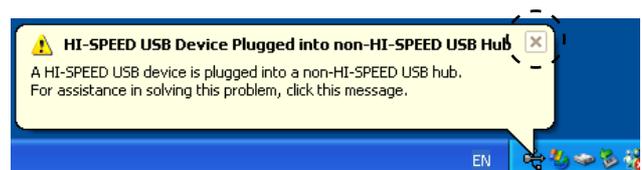
Goes out : When there is no card in the adapter, when right-clicking the [Removable Disk] icon and selecting [Eject] from the pop-up menu, or when performing [Safely Remove Hardware] operation.

Goes out after lighting : When the card is not recognized.

- **NEVER pull the card out of the card slot or unplug the adapter from the computer while the status lamp is blinking.** Doing so may destroy the data stored on the card.
- The status lamp does not light if the card is not recognized correctly. When this happens, pull the card out of the adapter, then wipe the contact area with a dry cloth, and insert the card again. If the problem persists, the card may be damaged.

### When connecting the adapter to your computer for the first time

If you are using a version of Windows XP equipped with a USB 1.1 compliant port, the following message appears when the adapter is connected to your computer for the first time. Click [X] and close the window.

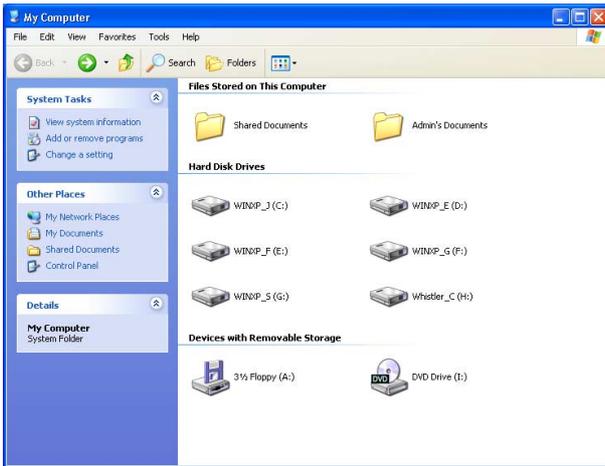


When you insert the card into the adapter and connect the adapter to the computer, it is recognized as a [Removable Disk] and the status lamp lights up. (If the adapter is connected to the computer with no card in it, the status lamp does not light, but the adapter is recognized as a [Removable Disk].) Make sure that a [Removable Disk] has been added to [My Computer].

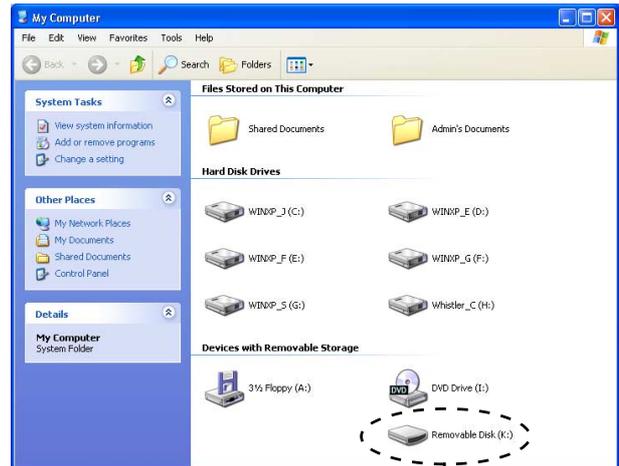
### Notes

The drive letter assigned to the adapter by your computer may differ depending on how your operating system is configured. Be sure to check the assigned drive letter after you make the connection.

Before connecting



After connecting



Adapter

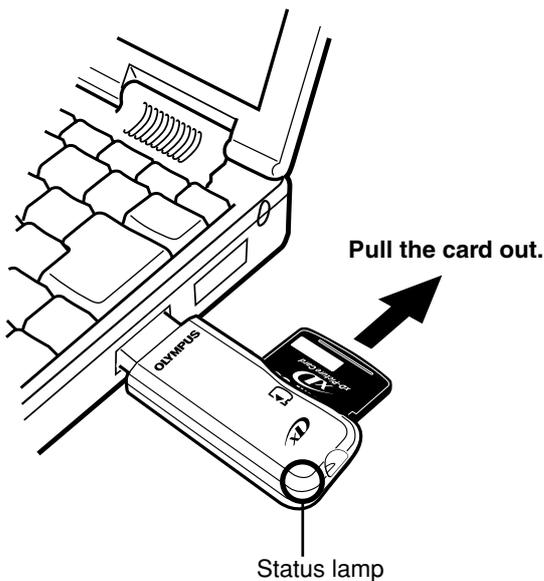
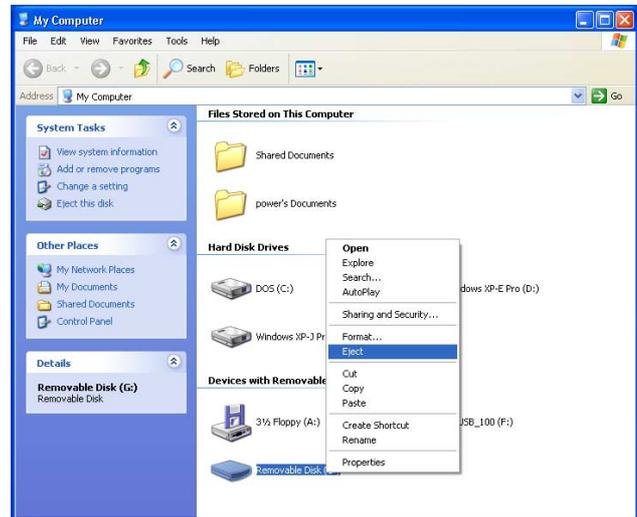
In this example, the Removable Disk is recognized as the K drive. The drive letter (e.g. [J:], [K:], etc.) used by your computer may differ depending on your computer and/or connected optional devices.

Before removing a card, close all software programs that are using data on the card (e.g. Explorer, image viewing software), then follow the steps below.

**Attention!**

- If you do not follow the steps below, the data on the card may be damaged.
- **DO NOT** apply force to the computer's USB port or the adapter when removing/inserting a card from/into the adapter if it is directly connected to the computer's USB port.

1. **Double-click** [My Computer] on the desktop.
2. **Right-click** the corresponding [Removable Disk] icon, then click [Eject] in the pop-up menu.
  - The card will not be ejected when [Eject] is clicked in this step.
3. Make sure that the status lamp is **NOT on**.
4. Pull the card out of the card slot as shown.
  - If you are using a Windows 2000/XP, you can only remove a card under the user name [Administrator] or a user name with administrator privileges. Log on with the correct user name and password if you want to remove the card.



**Notes**

- **NEVER** pull the card out of the card slot or unplug the adapter from the computer while the status lamp is blinking. Doing so may destroy the data on the card or the card itself, or cause the computer to malfunction.

Before disconnecting the adapter from the computer, close all software programs that are using data on the card (e.g. Explorer, image viewing software), then follow the steps below.

1. If a card is inserted in the adapter, follow steps 1 - 3 in "3 Removing the card".

2. **Left-click** the [Safely Remove Hardware] icon on the taskbar.

- The message that appears with the [Safely Remove Hardware] icon may differ depending on the computer you are using.

3. A message box titled [Safely remove USB Mass Storage Device - Drive (K:)] appears on the taskbar. Click on it.

- The drive letter (K:) above will differ depending on the computer you are using.

4. Make sure that the status lamp is **NOT on**, then click the [OK] button.

- For Windows XP, the message appears in the balloon help.

The adapter is ready to be disconnected from the computer.

5. Unplug the adapter from the computer's USB port.

- You can unplug the adapter with the computer's power on. (You do not need to turn off the computer, restart it, or put it in the sleep mode.)

[Safely Remove Hardware]



Safely remove USB Mass Storage Device - Drive(K:)

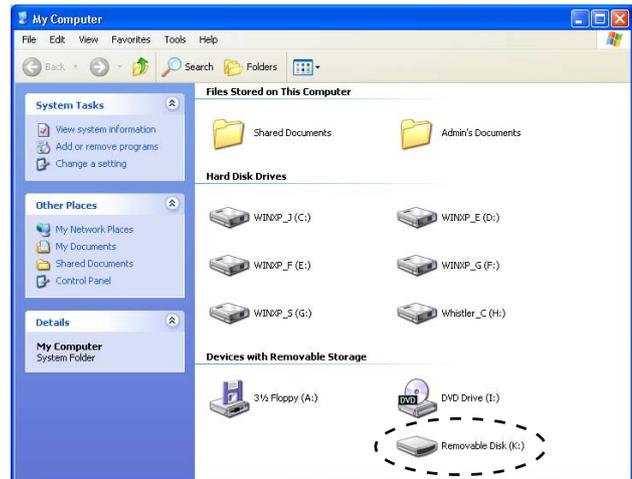
In this example, the Removable Disk is recognized as the K drive.



## 5 Copying files from/to a card

<Me/2000/XP ♦ Operation>

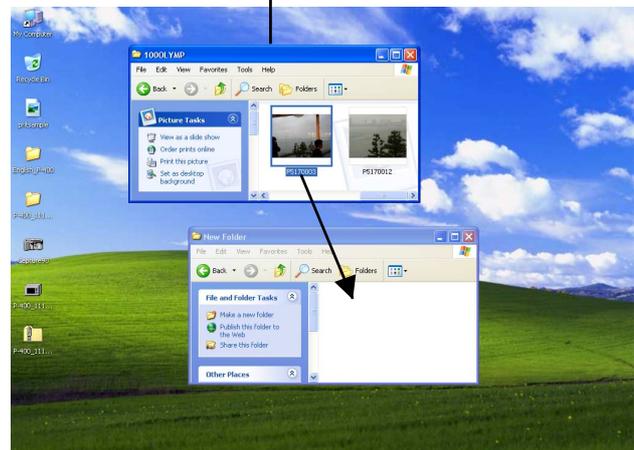
1. Insert a card into the adapter and connect it to the computer's USB port.
2. **Double-click** [My Computer] from the desktop.
3. To view the contents of the card, **double-click** the corresponding [Removable Disk] icon.
  - Double-clicking the [Removable Disk] icon will display the directory and the list of image files on the inserted card.



In this example, the Removable Disk is recognized as the K drive. The drive letter (e.g. [J:], [K:], etc.) used by your computer may differ depending on your computer and/or connected optional devices.

4. **Drag** the file icons you want to copy and **drop** them onto the destination folder.
  - The process is the same as copying files on a floppy disk to a folder on the desktop.
  - It is also possible to move files to another folder, erase files, or write files from another folder.

The window containing the files to be copied



### Drag & Drop

To perform a drag and drop, press and hold the left mouse button over the selected file(s), then move the mouse (drag) to the desired location and release the button to copy (drop).

## 6 About card formatting

<Me/2000/XP ♦ Operation>

### Notes

- You must format a card on a digital camera regularly. If the card inserted into the adapter has been formatted with the connected computer, it may not be recognized by a digital camera. For details on formatting with a camera, refer to the camera's instruction manual.  
If your camera does not recognize a card formatted on another device, re-format the card with your camera. (Cards formatted with non-DOS formatting systems are not recognized by the adapter.)

### Before formatting the card

- When formatting the xD-Picture Card, make sure that there is no important data on it. Existing data will not be usable after the card has been formatted.

# Mac OS 9

## How to install

When you install the adapter, also refer to your computer's user manual and the manuals for any optional devices you are using.

### 1 Turn on the computer

<Mac OS 9 ♦ Install>

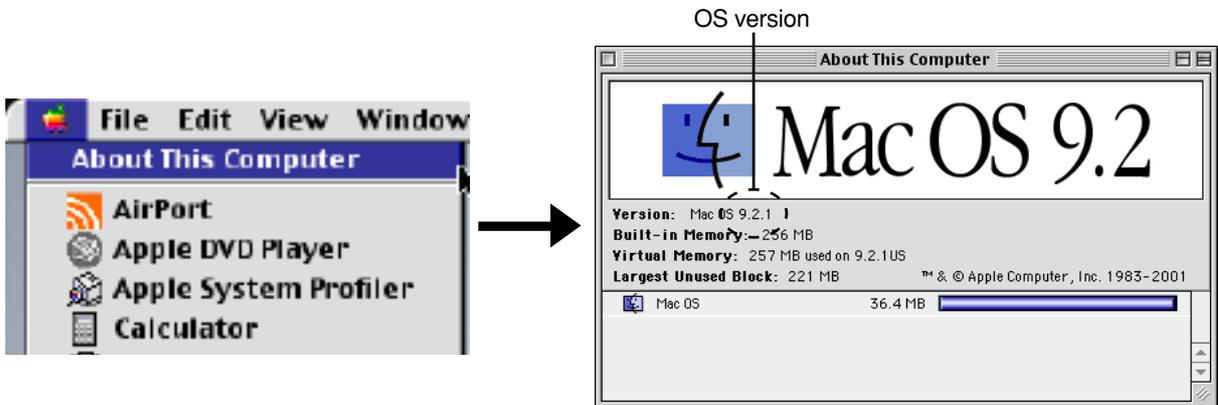
Turn on the computer's power (and connected devices, such as a monitor) to start Mac OS.

#### Notes

- To use a DOS/Windows formatted **xD-Picture Card** or the **xD-Picture Card** formatted on a digital camera, File Exchange (provided with Mac OS) must be installed. Select [Control Panels] from the Apple Menu to check if File Exchange is installed on your computer. (Refer to Mac OS [Help] for more details.)
- Note that the windows shown below may look different on your computer, depending on how your operating system is configured.

#### To identify your Mac OS version

Select [About This Computer] in the Apple menu and identify your Mac OS version.



## Operating the adapter

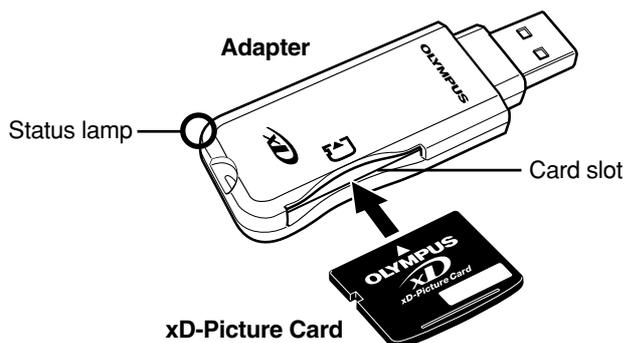
The operating procedure for the adapter under Mac OS 9 is described below.

### 1 Inserting a card

<Mac OS 9 ♦ Operation>

Insert a card into the adapter.

Make sure the card is level and that the gold-colored contact area is facing **down**. Insert the card all the way into the card slot.



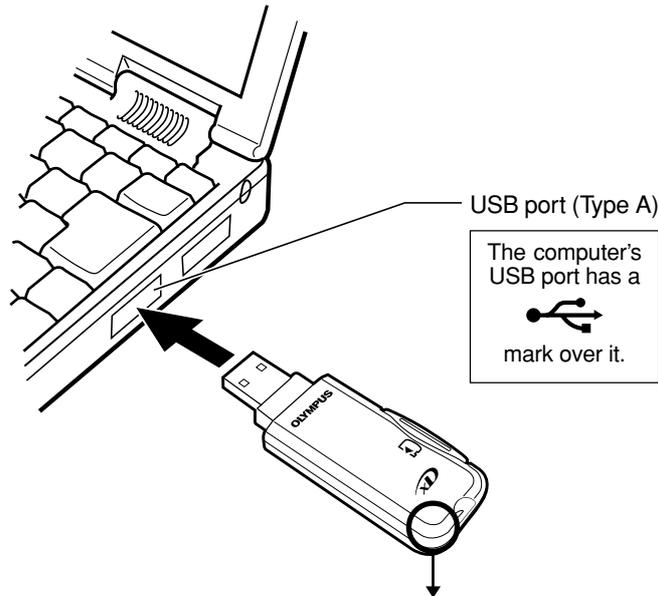
#### Notes

- Make sure that the card is facing the right way.
- **DO NOT** insert the card at an angle. Forcing a card in diagonally may damage the adapter and/or the card.

Connect the adapter's connector to the USB port on the computer. (You can plug in the USB connector while the computer is in use.)

### Notes

- Make sure the connector is fully inserted.
- When inserting the connector, make sure it is oriented correctly (refer to the pictures below). Inserting the connector incorrectly may damage the connector and/or the computer's USB port.
- Before connecting the adapter, make sure there is adequate space around the computer's USB port so that the adapter can be connected properly. Plugging in the adapter forcibly may damage the adapter and/or USB port.
- **DO NOT** apply force to the computer's USB port or the adapter when removing/inserting a card from/into the adapter if it is directly connected to the computer's USB port.



### Status lamp

Lights : When the adapter is connected to the computer and is ready to use.

Blinks : When reading/writing to a card.

Goes out : When there is no card in the adapter.

Goes out after lighting : When the card is not recognized.

- **NEVER pull the card out of the card slot or unplug the adapter from the computer while the status lamp is blinking.** Doing so may destroy the data stored on the card.
- The status lamp does not light if the card is not recognized correctly. When this happens, pull the card out of the adapter, then wipe the contact area with a dry cloth, and insert the card again. If the problem persists, the card may be damaged.

### When the card is recognized correctly

When the card is inserted correctly and the adapter is recognized on your computer, the status lamp lights and the icon at right appears.

- The title of the card varies depending on the card inserted.



## 3 Removing a card

<Mac OS 9 ♦ Operation>

Before removing a card, close all software programs that are using data on the card (e. g. image viewing software), then follow the steps below.

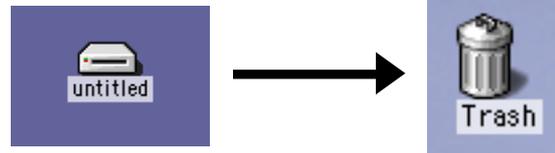
### Attention!

- If you do not follow the steps below, the data on the card may be damaged.
- **DO NOT** apply force to the computer's USB port or the adapter when removing/inserting a card from/into the adapter if it is directly connected to the computer's USB port.

1. **Drag & drop** the card's icon onto the Trash icon.

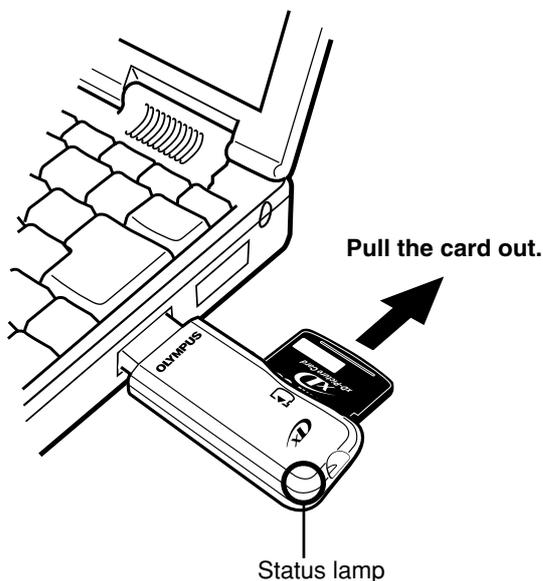
#### Drag & Drop

To perform a drag and drop, press and hold the mouse button over the selected file(s), then move the mouse (drag) to the desired location and release the button to copy (drop).



2. Make sure that the status lamp is **NOT blinking**.

3. Pull the card out of the card slot as shown.



#### Notes

- **NEVER pull the card out of the card slot or unplug the adapter from the computer while the status lamp is blinking.** Doing so may destroy the data on the card or the card itself, or cause the computer to malfunction.

## 4 Disconnecting the adapter

<Mac OS 9 ♦ Operation>

Before disconnecting the adapter from the computer, close all software programs that are using data on the card (e. g. image viewing software), then follow the steps below.

1. If a card is inserted in the adapter, **drag & drop** the card's icon onto the Trash icon.
2. Make sure that the status lamp is **NOT blinking**.
3. Unplug the adapter from the computer's USB port.
  - You can unplug the adapter with the computer's power on. (You do not need to turn off the computer, restart it, or put it in the sleep mode.)

## 5 Copying files from/to a card

<Mac OS 9 ♦ Operation>

1. Insert a card into the adapter and connect it to the computer's USB port.

- The status lamp lights, then the card icon appears on the desktop.
- The card icon's appearance may vary, depending on the card and the Mac OS version you are using.

2. **Double-click** the icon to display the files that you want to copy.

- For information about how to locate files on the card, refer to the manual for the product used to create the files.

3. **Drag** the file icons you want to copy and **drop** them onto the destination folder.

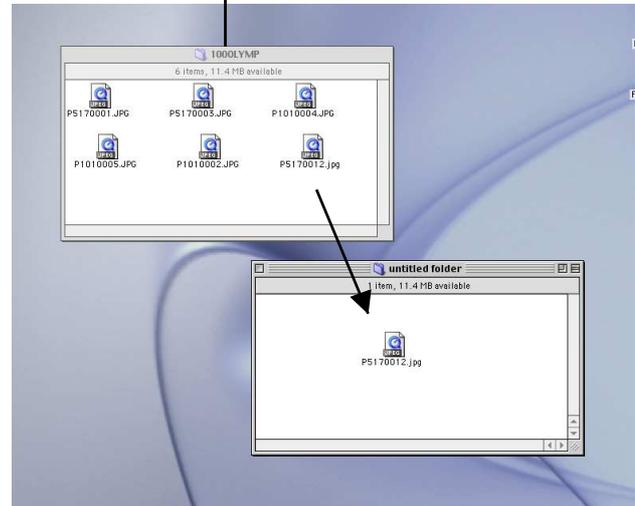
- The process is the same as copying files on a floppy disk to a folder on the desktop.
- It is also possible to move files to another folder, erase files, or write files from another folder.

### Drag & Drop

To perform a drag and drop, press and hold the mouse button over the selected file(s), then move the mouse (drag) to the desired location and release the button to copy (drop).



The window containing the files to be copied



## 6 About card formatting

<Mac OS 9 ♦ Operation>

### Notes

- **You must format a card on a digital camera regularly.** If the card inserted into the adapter has been formatted with the connected computer, it may not be recognized by a digital camera. For details on formatting with a camera, refer to the camera's instruction manual.

If your camera does not recognize a card formatted on another device, re-format the card with your camera. (Cards formatted with non-DOS formatting systems are not recognized by the adapter.)

### Before formatting the card

- When formatting the **xD-Picture Card**, make sure that there is no important data on it. **Existing data will not be usable after the card has been formatted.**

# Mac OS X

## How to install

When you install the adapter, also refer to your computer's user manual and the manuals for any optional devices you are using.

### 1 Turn on the computer

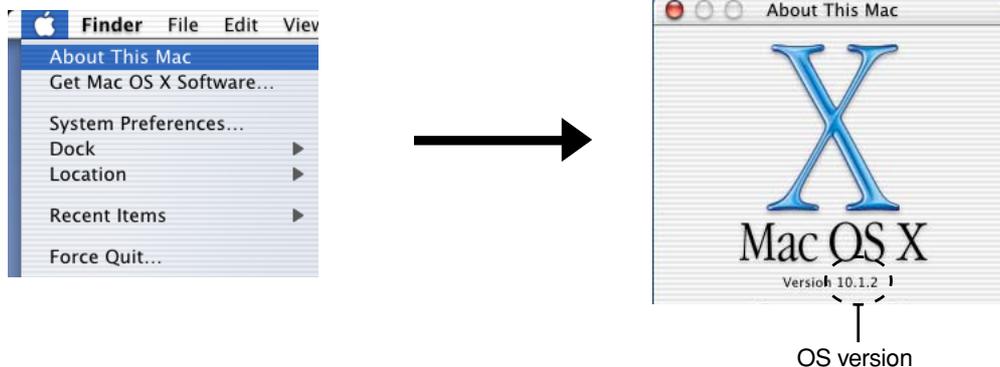
<Mac OS X ♦ Install>

Turn on the computer's power (and connected devices, such as a monitor) to start Mac OS.

- Note that the windows shown below may look different on your computer, depending on how your operating system is configured.

#### To identify your Mac OS version

Select [About This Mac] in the Apple menu and identify your Mac OS version.



## Operating the adapter

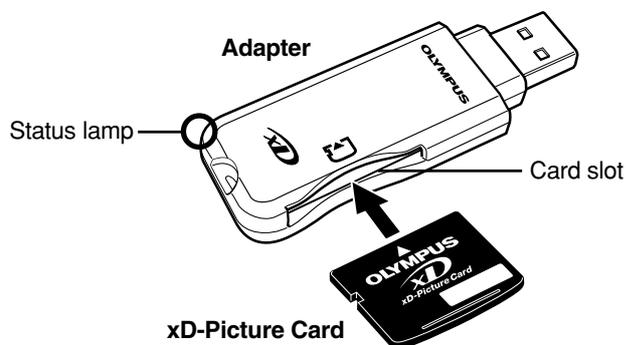
The operating procedure for the adapter under Mac OS X is described below.

### 1 Inserting a card

<Mac OS X ♦ Operation>

Insert a card into the adapter.

Make sure the card is level and that the gold-colored contact area is facing **down**. Insert the card all the way into the card slot.



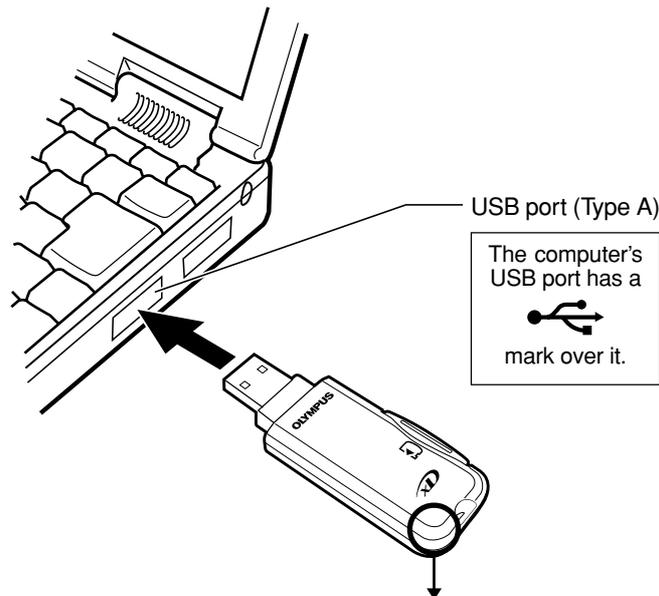
#### Notes

- Make sure that the card is facing the right way.
- **DO NOT** insert the card at an angle. Forcing a card in diagonally may damage the adapter and/or the card.

Connect the adapter's connector to the USB port on the computer. (You can plug in the USB connector while the computer is in use.)

### Notes

- Make sure the connector is fully inserted.
- When inserting the connector, make sure it is oriented correctly (refer to the pictures below). Inserting the connector incorrectly may damage the connector and/or the computer's USB port.
- Before connecting the adapter, make sure there is adequate space around the computer's USB port so that the adapter can be connected properly. Plugging in the adapter forcibly may damage the adapter and/or USB port.
- **DO NOT** apply force to the computer's USB port or the adapter when removing/inserting a card from/into the adapter if it is directly connected to the computer's USB port.



### Status lamp

Lights : When the adapter is connected to the computer and is ready to use.

Blinks : When reading/writing to a card.

Goes out : When there is no card in the adapter, or (depending on the Mac OS version) when dragging & dropping the card's icon onto the Trash icon.

Goes out after lighting : When the card is not recognized.

- **NEVER pull the card out of the card slot or unplug the adapter from the computer while the status lamp is blinking.** Doing so may destroy the data stored on the card.
- The status lamp does not light if the card is not recognized correctly. When this happens, pull the card out of the adapter, then wipe the contact area with a dry cloth, and insert the card again. If the problem persists, the card may be damaged.

### When the card is recognized correctly

When the card is inserted correctly and the adapter is recognized on your computer, the status lamp lights and the icon at right appears.

- The title of the card varies depending on the card inserted.



## 3 Removing a card

<Mac OS X ♦ Operation>

Before removing a card, close all software programs that are using data on the card (e. g. image viewing software), then follow the steps below.

### Attention!

- If you do not follow the steps below, the data on the card may be damaged.
- **DO NOT** apply force to the computer's USB port or the adapter when removing/inserting a card from/into the adapter if it is directly connected to the computer's USB port.

1. **Drag & drop** the card's icon onto the Trash icon.

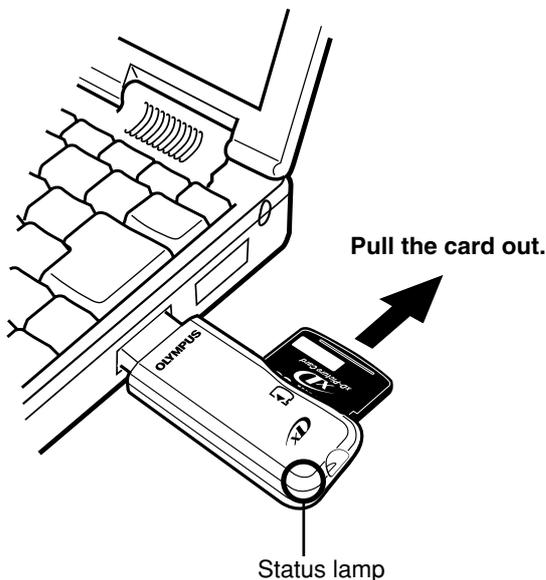
#### Drag & Drop

To perform a drag and drop, press and hold the mouse button over the selected file(s), then move the mouse (drag) to the desired location and release the button to copy (drop).



2. Make sure that the status lamp is **NOT blinking**.

3. Pull the card out of the card slot as shown.



#### Notes

- **NEVER pull the card out of the card slot or unplug the adapter from the computer while the status lamp is blinking.** Doing so may destroy the data on the card or the card itself, or cause the computer to malfunction.

## 4 Disconnecting the adapter

<Mac OS X ♦ Operation>

Before disconnecting the adapter from the computer, close all software programs that are using data on the card (e. g. image viewing software), then follow the steps below.

1. If a card is inserted in the adapter, **drag & drop** the card's icon onto the Trash icon.

2. Make sure that the status lamp is **NOT blinking**.

3. Unplug the adapter from the computer's USB port.

- You can unplug the adapter with the computer's power on. (You do not need to turn off the computer, restart it, or put it in the sleep mode.)

## 5 Copying files from/to a card

<Mac OS X ♦ Operation>

1. Insert a card into the adapter and connect it to the computer's USB port.

- The status lamp lights, then the card icon appears on the desktop.
- The card icon's appearance may vary, depending on the card and the Mac OS version you are using.



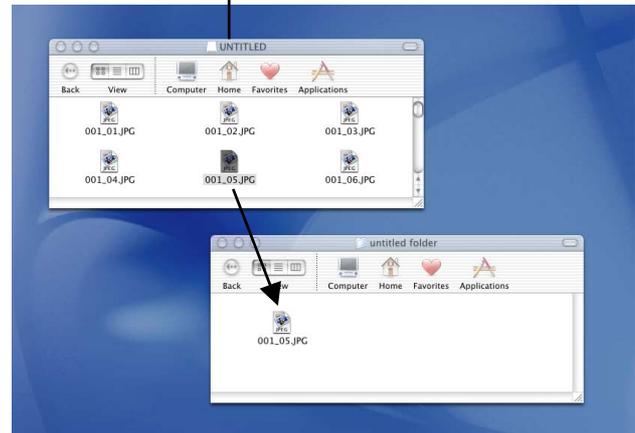
2. **Double-click** the icon to display the files that you want to copy.

- For information about how to locate files on the card, refer to the manual for the product used to create the files.

3. **Drag** the file icons you want to copy and **drop** them onto the destination folder.

- The process is the same as copying files on a floppy disk to a folder on the desktop.
- It is also possible to move files to another folder, erase files, or write files from another folder.

The window containing the files to be copied



### Drag & Drop

To perform a drag and drop, press and hold the mouse button over the selected file(s), then move the mouse (drag) to the desired location and release the button to copy (drop).

## 6 About card formatting

<Mac OS X ♦ Operation>

### Notes

- You must format a card on a digital camera regularly. If the card inserted into the adapter has been formatted with the connected computer, it may not be recognized by a digital camera. For details on formatting with a camera, refer to the camera's instruction manual.

If your camera does not recognize a card formatted on another device, re-format the card with your camera. (Cards formatted with non-DOS formatting systems are not recognized by the adapter.)

### Before formatting the card

- When formatting the **xD-Picture Card**, make sure that there is no important data on it. **Existing data will not be usable after the card has been formatted.**

# Troubleshooting

## Windows

	PROBLEM	CAUSE	SOLUTIONS	REF. PAGE
1	The status lamp does not light.	The adapter is not connected correctly to the computer's USB port.	Make sure that the adapter is facing the right way and connect it to the computer's USB port firmly.	9, 14
		The power supply from the USB port is insufficient.	If you are using a USB hub, connect the adapter directly to the computer's USB port.	5
		The card is not inserted correctly.	Make sure the card is properly oriented (front/reverse face, top/bottom part), then insert it slowly into the adapter until it is secure.	8, 13
2	<b>If you are using Windows 98/98 SE:</b> A [Add New Hardware Wizard] window appears when you connect the adapter.	You have connected the adapter before installing the device driver.	Click [Cancel] to close the window, then unplug the adapter from the PC and install the device driver.	8
3	<b>If you are using Windows 98/98 SE:</b> The adapter doesn't work even after properly completing installation of the device driver and connecting the adapter to the computer correctly.	The USB port is disabled in the BIOS settings.	Set the USB port to "Enable" in the BIOS settings. Take extra care when making this setting, referring to your computer's instruction manual.	—
4	<b>If you are using Windows 98/98 SE:</b> [?] appears in Device Manager. (This is after connecting the adapter to your computer before installing the device driver and then performing all the steps in the [Add New Hardware Wizard] window.)	The device driver is not installed correctly. (It is not necessary to install the device driver on Windows Me/2000/XP.)	Delete [? MAUSB-200], then unplug the adapter and install the device driver correctly, and connect the adapter again.	7
5	The [Removable Disk] icon does not appear in [My Computer] after installation and connection.  [!] or [?] appears in Device Manager.	The adapter's USB connector is not connected properly to the computer.	Insert the USB connector fully into the computer's USB port to ensure that it is firmly connected.	9, 14
		The Universal Serial Bus Controller is Disabled. (Only for Windows Me/2000/XP)	Change the Controller settings on [Universal Serial Bus Controllers] by selecting [Start] - [Setting] (only for Windows Me/2000) - [Control Panel] - [System] - [Hardware] - [Device Manager]. ([X] appears on the controller's name. Select [Enable] by right-clicking from the pop-up menu.)	—
		The USB port is disabled in the BIOS settings.	Set the USB port to "Enable" in the BIOS settings. Take extra care when making this setting, referring to your computer's instruction manual.	—
6	The adapter does not recognize the card.  [Please insert a disk into drive.] appears.	The card is not inserted correctly.	Make sure the card is properly oriented (front/reverse face, top/bottom part), then insert it slowly into the adapter until it is secure.	8, 13

# Troubleshooting

## Windows

	PROBLEM	CAUSE	SOLUTIONS	REF. PAGE
7	The status lamp goes out after lighting.	The card is not recognized correctly.	Disconnect the adapter from the computer, pull the card out of the adapter, then wipe the contact area with a dry cloth, and insert the card again. If the problem persists, the card may be damaged.	11, 16
8	You can read a card, but not write to it.	There is a problem with the card.	Save the data to another storage medium, then use the new card for writing.	—

## Macintosh

	PROBLEM	CAUSE	SOLUTIONS	REF. PAGE
1	The status lamp does not light.	The adapter is not connected correctly to the computer's USB port.	Make sure that the adapter is facing the right way and connect it to the computer's USB port firmly.	20, 24
		The power supply from the USB port is insufficient.	If you are using a USB hub, connect the adapter directly to the computer's USB port.	5
		The card is not inserted correctly.	Make sure the card is properly oriented (front/reverse face, top/bottom part), then insert it slowly into the adapter until it is secure.	19, 23
2	No card icon appears on the computer's screen.	The card is not inserted correctly.	Make sure the card is properly oriented (front/reverse face, top/bottom part), then insert it slowly into the adapter until it is secure.	19, 23
		File Exchange is not installed on your computer. (Mac OS 9)	You must have File Exchange (provided with Mac OS) to read/write a DOS/Windows formatted card. (Check Control Panels under the Apple menu to see if File Exchange is installed. For more details, refer to Mac OS [Help].)	19
3	The status lamp goes out after lighting.	The card is not recognized correctly.	Disconnect the adapter from the computer, pull the card out of the adapter, then wipe the contact area with a dry cloth, and insert the card again. If the problem persists, the card may be damaged.	21, 25
4	You can read a card, but not write to it.	There is a problem with the card.	Save the data to another storage medium, then use the new card for writing.	—

# Specifications

<b>Supported Cards</b>	<b>xD-Picture Card</b>	3.3 V	16/32/64/128/256/512MB/1GB
<b>Interface</b>			USB Ver.2.0 or Ver.1.1
<b>Operating voltage</b>			5V ±10% (Powered via USB port)
<b>Consumption current</b>			0.5A Max.
<b>Operating environment</b>	Temperature	0°C - 40°C (41°F - 104°F)	
	Humidity	20% - 80% (No condensation)	
<b>Storage environment</b>			-20°C - 60°C (-4°F - 140°F)
<b>Dimensions (L x W x H)</b>	Main unit	71.0 mm x 25.0 mm x 10.1 mm (Not including the cap and protrusions)	
<b>Weight</b>	Main unit	Approx. 13 g	
	Cap	Approx. 2 g	
<b>Supported computers</b>			Any computer equipped with a USB interface as standard (USB Ver. 2.0 or Ver. 1.1 compliant)
<b>Supported operating systems</b>			Any of the following pre-installed operating systems <ul style="list-style-type: none"> <li>• Windows 98*</li> <li>• Windows 98SE*</li> <li>• Windows Me</li> <li>• Windows 2000 Professional</li> <li>• Windows XP</li> <li>• Mac OS 9.0 - 9.2.2</li> <li>• Mac OS X (v10.1.2 or later)</li> </ul>

\* Users running Windows 98/98SE need to install a device driver which is downloadable from the OLYMPUS web site.

- The specifications are subject to change without prior notice.
- For the latest information, visit the OLYMPUS web site (<http://www.olympus.com>).

# Glossary

<b>Device Driver (Driver)</b>	A program used to operate or manage a peripheral device (printer, modem, digital camera, memory adapter, etc.). Without the proper driver installed, a peripheral device will not be recognized by the computer.
<b>Dialogue</b>	A window that appears on the monitor when the computer requires user confirmation or instructions on what to do. This is also called a Dialogue Box or Dialogue window.
<b>Drag &amp; Drop</b>	A method used to move data (such as text or icons) on the screen. To drag and drop, click and hold the left mouse button over the highlighted selection and move the mouse (drag). Then, release the mouse button over the window where the data is to be copied or moved (drop).
<b>Explorer</b>	A file-managing application provided with the Windows OS. Explorer allows the user to easily create, move, delete, or copy files and folders. Explorer organizes all drives and files/folders and displays them in hierarchical order in a single window.
<b>FAT</b>	File Allocation Table. A file system used in MS-DOS or Windows to keep track of file locations on a particular volume such as a hard disk. FAT is technically the part of a memory device that contains file-locating information. <b>Related terms</b> NTFS (NT File System): A file system supported by Windows 2000/XP. FAT32: A file system supported by Windows 95 OSR 2.0 or later.
<b>File</b>	A group of data, such as a document comprised of text and images.
<b>Folder</b>	A location where files are stored. If a file were compared to a book, a folder would be the shelf that stores the book. Creating a folder inside of a folder allows deeper hierarchical classification.
<b>Format</b>	Determines how data is written to a memory device such as a hard disk or floppy disk. To format, or to initialize, means to erase all existing data in a memory device. When referring to a digital camera, formatting means to allow the memory device to be read/written on the camera. Be aware that each OS uses different formats, and that formatting a memory device will erase the data currently stored on it.
<b>Hot Plug</b>	A function included in the USB standard that allows you to connect/disconnect a USB device such as the adapter to/from the computer while the computer's power is on.
<b>Icon</b>	A small graphical image used to represent a file or folder created by the user or an installed application. Double-clicking or clicking an icon will open the file or folder, or launch the application.
<b>Install</b>	Copies a new application to the computer and automatically configures it for use. <b>Related terms</b> Uninstall : Removes an installed application from the computer. Preinstalled : Describes an application already installed on the computer at the time of purchase.
<b>Removable disk</b>	A disk that is not permanently attached to the computer like a hard disk. Examples of removable disks include CD-ROMs, floppy disks, and magneto-optical disks (MO). <b>xD-Picture Card</b> is treated as a removable disk when inserted in the adapter.
<b>Taskbar</b>	A bar that displays all running files and applications as buttons in Windows. Normally, it is displayed at the bottom of the screen. Clicking a button on the taskbar can bring up a window or launch an application. The taskbar also includes other functions such as a clock, as well as a Start button that organizes applications so they can be launched more easily.

# Glossary of Terms

<b>USB</b>	Universal Serial Bus. An interface that connects computers with peripheral devices (modems, printers, digital cameras, etc.). Thanks to its ease of use, many devices now come equipped with USB ports.
<b>USB Bus Power</b>	USB supplies power to devices via cable. The power source supplied by USB is called bus power. The adapter works by this USB bus power.
<b>USB Mass Storage Class</b>	A USB device such as a floppy disk or hard disk recognized as a drive by the connected computer. Defined by the USB Implementers Forum according to USB specifications.
<b>USB 2.0 (Hi-Speed USB 2.0)</b>	A hi-speed interface which allows data transfer 40 times as fast as USB 1.1. Can also be connected to an USB 1.1 interface.
<b>xD-Picture Card (Card)</b>	An ultra-compact data storage medium designed to store images taken by digital cameras or other data. Using the adapter allows data on an <b>xD-Picture Card</b> to be transferred to a computer or data on a computer to be copied to the card.

**OLYMPUS<sup>®</sup>**

---