External USB Floppy Disk Drive

User’s Manual

使用说明书

MPF82E Series
Owner’s Record

The model and serial number are located on the bottom of the drive unit. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. MPF82E Serial No. 

WARNING

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THE UNIT TO RAIN OR MOISTURE.

TO AVOID ELECTRICAL SHOCK, DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

CAUTION

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

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

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Declaration of Conformity

Trade Name : SONY
Model Name : MPF82E
Responsibility Party : Sony Electronics, Inc.
Address : 1 Sony Drive, Park Ridge, NJ 07656-8003
Telephone No. : 201-930-6972

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

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System Requirements

The External USB Floppy Disk Drive requires the following system capabilities:

PC/AT compatible personal computer
- Windows 98 or Windows 2000 Professional or Windows Me Pre-installed PC
- USB port (using Intel 82371 USB controller)
- CD-ROM Drive (or a device which can read CD-ROM disc)

Macintosh computer
- Power Mac G4, G4 Cube, iMac, iBook, PowerBook G4
- USB port (using USB connector on Macintosh computer)
- One of following operating systems pre-installed : Mac OS 8.6 / 9.0, 9.1
Mac OS 8.6 requires installing the following device driver provided by Apple Web site.
Device Driver : USB Storage Support 1.3.5.smi

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Installation of The Device Drivers For Windows 98

Before the installation, please read the README.TXT file in the USB Floppy Disk Drive Device Driver CD-ROM disc for updated information and software license agreement.

To install the device driver for Windows 98, follow the instructions below.
1. Insert “USB Floppy Disk Drive Device Driver” CD-ROM disc into the CD-ROM drive on your PC.
2. Connect the USB disk drive to the USB connector on your computer. The Add New Hardware Wizard window appears.

3. Click Next. The following window appears.

Select Search for the best drivers for your device (recommended).
4. Click Next. The following window appears.

![Add New Hardware Wizard]

Place a check mark in the Specify a location check box and type X:\Win98 in the Specify a location panel pull-down menu, where X is the letter of your CD-ROM drive.

5. Click Next. The following window appears.

![Add New Hardware Wizard]

Confirm the location of the driver. If the location of the device driver is not X:\WIN98\SONYUFD1.INF, where X is the letter of your CD-ROM drive, click Back and return to step 3.
6. Click Next to install the device driver. When the device driver installation completes, click Finish.

   The Add New hardware Wizard window appears.

   ![Add New Hardware Wizard](image1)

   Select The updated driver (Recommended).

7. Click Next and then repeat step 3 and 4. The following window appears.

   ![Add New Hardware Wizard](image2)
8. Click Next. The following window appears.

Confirm the location of the driver. If the location of the device driver is not X:/WIN98/SONYUFD2.INF, where X is the letter of your CD-ROM drive, click Back and return to step 7.

9. Click Next to install the device driver. Follow the instructions on the screen.
Installation of The Device Drivers For Windows 2000

Before the installation, please read the README.TXT file in the USB Floppy Disk Drive Device Driver CD-ROM disc for updated information and software license agreement.

To install the device driver for Windows 2000, follow the instructions below.
1. Insert “USB Floppy Disk Drive Device Driver” CD-ROM disc into the CD-ROM drive on your PC.
2. Connect the USB floppy disk drive to the USB connector on your computer. The Found New Hardware Wizard window appears.

3. Click Next. The following window appears.

Select Search for a suitable driver for my device (recommended).
4. Click Next. The following window appears.

Place a check mark in the Specify a location check box. (Be sure to deselect all the other check boxes.)

5. Click Next. The following window appears.

Type X:\Win2000.ME in the Copy manufacturer’s files from: pull-down menu, where X is the letter of your CD-ROM drive.
6. Click OK. The following window appears.

![Hardware Update Window]

Confirm the location of the device driver. If the location of the driver is not X:\win2000.me\sony2k.inf, where X is the letter of your CD-ROM drive, click Back and return to step 3.

7. Click Next to install the device driver. Follow the instruction on the screen.
Installation of The Device Driver For Windows Me

Before the installation, please read the README.TXT file in the USB Floppy Drive Device Driver CD-ROM disc for updated information and software license agreement.

To install the device driver for Windows Me, follow the instructions below.

1. Insert “USB Floppy Disk Drive Device Driver” CD-ROM disc into the CD-ROM drive on your PC.
2. Connect the USB floppy disk drive to the USB connector on your computer. The Add new Hardware Wizard window appears.

   ![Add new Hardware Wizard](image)

   Select Specify the location of the driver (Advanced).

3. Click Next. The following window appears.

   ![Add new Hardware Wizard](image)

   Select Specify a location and type X:\Win2000.ME in the dialog box, where X is the letter of your CD-ROM drive.

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4. Click Next. The following window appears.

Confirm the location of the device driver. If the location of the driver is not X:WIN2000.ME/SONYU2K.INF, where X is the letter of your CD-ROM drive, click Back and return to step 2.

5. Click Next to install the device driver. Follow the instruction on the screen.
Installation of The Device Driver For Mac OS 8.6

Mac OS 8.6 requires the device driver “USB Storage Support 1.3.5.smi” to use USB storage products.
1. Contact Apple Web site below to download “USB Storage Support 1.3.5.smi” and the instruction.
   - Device Driver : USB Storage Support 1.3.5.smi

Installation of The Device Driver For Mac OS 9 & Mac OS 9.1

Mac OS 9 does not require device driver to use USB floppy disk drive.

Floppy Disk Ejection From USB Floppy Disk Drive

1. Drag the floppy disk icon onto Trash icon
2. The dialog to allow the disk ejection will be appeared.
3. Push the eject button of USB floppy disk drive for the disk ejection

Ejection of The Floppy Disk Before System Sleep

It is recommended that the floppy disk in the USB floppy disk drive is ejected before system goes in sleep condition.
# Product Specifications

1. **Power Requirements**  
   DC+4.75V to +5.25V (USB Bus Powered)

2. **Power Consumption**  
   2.5 Watts

3. **Operating & Storage Environments**
   3-1 **Operating temperature**  
   5 to 35 °C (41 °F to 95 °F)
   3-2 **Operating humidity**  
   20 to 80 % (No condensation)
   3-3 **Storage environments**  
   -20 to 55 °C (-4 °F to 131 °F) at 15 to 90 %RH  
   (No condensation)

4. **Support Media**  
   3.5 inch Micro Floppy Disk (2HD & 2DD)

5. **Support Format**  
   720 kB (2DD), 1.44 MB (2HD)

6. **Interface**
   USB version 1.1

7. **Size**  
   approx. 103 (W) x 140 (D) x 16.6 (H) mm  
   (excluding cable and protrusions)

8. **Weight**  
   approx. 270 g
安装 Windows 98 用设备驱动程序

在安装之前，请您阅读 USB 软盘驱动设备驱动程序 CD-ROM 磁盘中的 README.TXT 文件以获得最新的信息和软件许可证协议。

按下列说明安装 Windows 98 用设备驱动程序。
1. 将“USB Floppy Disk Drive Device Driver（USB 软盘驱动器设备驱动程序）”CD-ROM 磁盘装入于您的电脑上的 CD-ROM 驱动器。
2. 将 USB 软盘驱动器与您的电脑上的 USB 连接器连接，所以 Add New Hardware Wizard 窗口出现。

3. 单击 Next。则如下窗口出现。

选择 Search for the best drivers for your device (recommended)。
4. 单击 Next，则如下窗口出现。

在复选框 Specify a location 中附标志，并在 Specify a location panel 下拉菜单中键入 X:\Win98，
X 为 CD-ROM 驱动器的字母。

5. 单击 Next，则如下窗口出现。

确认驱动程序的位置。如果该设备驱动程序的位置不是 X:\WIN98\SONYUFD1.INF（X 为您的
CD-ROM 驱动器的字母），单击 Back 并返回到步骤 3。
6. 单击 Next 安装设备驱动程序。完成安装设备驱动程序。单击 Finish，则 Add New hardware Wizard 窗口出现。

7. 单击 Next 重复进行步骤 3 和 4，如下窗口出现。

选择 The updated driver (Recommended)。
8. 单击Next。则如下窗口出现。

确认驱动程序的位置。如果该设备驱动程序的位置不是X:\WIN98\SONYUFD2.INF（X 为您的CD-ROM驱动器的字母），单击Back并返回到步骤7。

9. 单击Next，安装设备驱动程序。按照屏幕上显示的说明。
安装 Windows 2000 用设备驱动程序

在安装之前，请您阅读 USB 软盘驱动设备驱动程序 CD-ROM 磁盘中的 README.TXT 文件以获得最新的信息和软件许可证协议。

按下列说明安装 Windows 2000 用设备驱动程序。
1. 将 "USB Floppy Disk Drive Device Driver (USB 软盘驱动器设备驱动程序)" CD-ROM 磁盘装入您的电脑上的 CD-ROM 驱动器。
2. 将 USB 软盘驱动器与您的电脑上的 USB 连接器连接，则 Found New Hardware Wizard 窗口出现。
3. 单击 Next，如下窗口出现。

选择 Search for a suitable driver for my device (recommended)。
4. 单击Next。则如下窗口出现。
在复选框Specify a location中附标志。（请务必使其他所有复选框为空白。）

5. 单击Next。则如下窗口出现。
在Copy manufacturer’s files from:下拉菜单中键入X:\Win2000.ME。X为您的CD-ROM驱动器的字母。
6. 单击 **Next**。则如下窗口出现。

确认设备驱动程序的位置。如果该驱动程序的位置不是 `X:\win2000.me\sonyu2k.inf`（X 为您的 CD-ROM 驱动器的字母），单击 **Back** 并返回到步骤 3。

7. 单击 **Next**。安装设备驱动程序。按照屏幕上显示的说明。
安装 Windows Me 用设备驱动程序

在安装之前，请您阅读 USB 软盘驱动设备驱动程序 CD-ROM 磁盘中的 README.TXT 文件以获得最新的信息和软件许可协议。

按下列说明安装 Windows Me 用设备驱动程序。
1. 将 "USB Floppy Disk Drive Device Driver (USB 软盘驱动设备驱动程序)” CD-ROM 磁盘装入您的电脑上的 CD-ROM 驱动器。
2. 将 USB 软盘驱动器与电脑上的 USB 连接器连接，则 Add new Hardware Wizard 窗口出现。
   
   选择 Specify the location of the driver (Advanced)。

3. 单击 Next。则如下窗口出现。
   
   选择 Specify a location，并在对话框中键入 X:Win2000.ME。X 为您的 CD-ROM 驱动器的字母。
4. 单击 Next。则如下窗口出现。

确认设备驱动程序的位置。如果该驱动程序的位置不是 X:WIN2000.ME\SONYU2K.INF （X 为您的 CD-ROM 驱动器的字母），单击 Back 并返回到步骤 2。

5. 单击 Next。安装设备驱动程序。按照屏幕上显示的说明。
安装 Mac OS 8.6 用设备驱动程序

为使用 USB 存储产品，Mac OS 8.6 需要设备驱动程序“USB Storage Support 1.3.5.smi”。

1. 进入下列 Apple 网点，下载“USB Storage Support 1.3.5.smi”，然后进行安装。
   - 设备驱动程序：USB Storage Support 1.3.5.smi

安装 Mac OS9 & Mac OS9.1 用设备驱动程序

Mac OS9 不用设备驱动程序可能使用 USB 软驱驱动器。

从 USB 软盘驱动器取出软盘

1. 将软盘图标拖动到回收箱图标上。
2. 许可取出软盘的文句将出现。
3. 按 USB 软盘驱动器的取出钮，取出软盘。

在系统休眠之前取出软盘

我们建议在系统进入休眠状态之前，从 USB 软盘驱动器取出软盘。
产品技术规格

1. 电源要求
   DC+4.75 伏到 +5.25 伏（供给 USB 总线供电）

2. 耗电量
   2.5 瓦

3. 工作和存储环境
   3-1 工作温度
   5 到 35℃（41° F 到 95° F）
   3-2 工作湿度
   20 到 80%（无凝结）
   3-3 存储环境
   在 15 到 90%RH 下，-20 到 55℃（-4° F 到 131° F）（无凝结）

4. 支持的媒体
   3.5 英寸微软盘驱动器（2HD 和 2DD）

5. 支持的格式
   720 kB（2DD）、1.44 MB（2HD）

6. 界面
   USB 1.1 版本

7. 尺寸
   约 103（宽）x 140（深）x 16.6（高）毫米
   （不包括电缆和突起）

8. 重量
   约 270 克