

USB Flash Disk

User's Manual

V4.4

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1. Introduction

1.1 Product introduction

USB Flash Disk, a newly developed mobile storage device for user to exchange and store any data between computers as well as a computer hard disk. This device uses Flash Memory as a storage media and connects computer through USB interface. USB Flash Disk can be re-used for more than a million times and save your data up to 10 years. As well, the USB Flash Disk is small, shock-resistance, function without power supply, and the transfer rate is 15 times faster than floppy drive. The capacity of the USB Flash Disk can be expanded to 2GB in the future. As for the new data protection device, this USB Flash Disk provides new security software for users.

1.2 Product features

- Large capacity (16MB/32MB/64MB/128MB/256MB/384MB/512MB/768MB/1GB/2GB)
- USB 1.0/1.1 compliant, supporting plug and play
- No external power supply, directly powered by USB bus.
- Built-in write protect switch, protect data from delete and virus attack
- Read Speed: 1.1MB/S, Write Speed: 700KB/S
- Data can be preserved more than 10 years
- Storage media: Flash Memory

- Compact size
- Light weight: less than 15 g
- No driver necessary under Windows ME/2000/XP、Mac OS 9.x、Linux Kernel 2.4x operating system.

1.3 Product characteristics

1.3.1 Computer system requirement

IBM compatible PC or notebook with USB interface

CD-ROM drive

1.3.2 Operating system requirement

Windows[®] 98SE

Windows[®] 2000

Windows[®] XP

Mac[®] OS 9.x

Linux[®] Kernel 2.4x

1.3.3 Technical parameter

Capacity: 16MB~2GB

Erase cycles > 1,000,000 times

Data Transfer Rate:

Reading : 1.1MB/S

Writing : 700KB/S

Connectivity: USB Port Type A

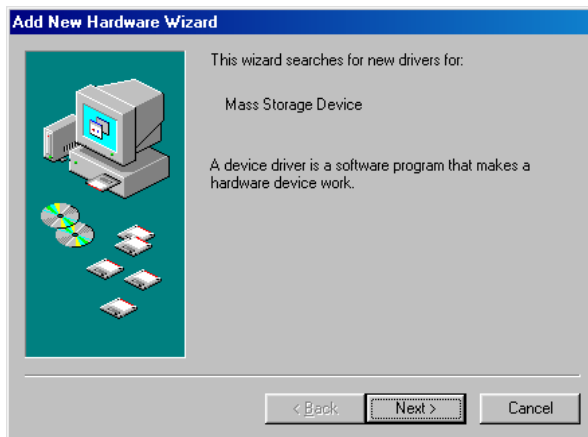
2. Driver and security software installation

2.1 Driver installation under Windows 98/SE

(Notice: This driver is for Windows 98/SE only. No driver necessary under Windows ME/2000/XP、 Mac OS 9.x、 Linux Kernel 2.4x operating system.)

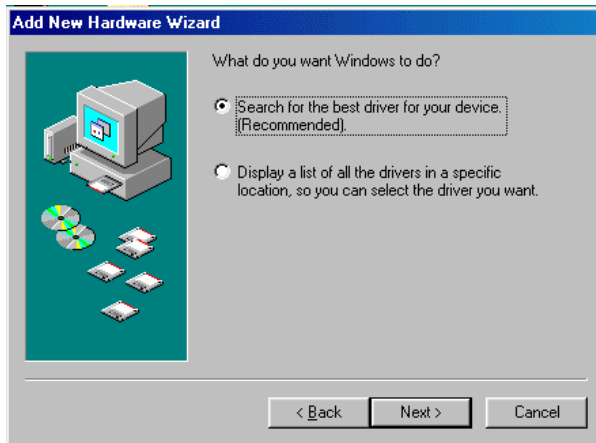
1) Turn on the write-protection switch of the USB Flash Disk before use. The indicating figure “Key” means writable and the “Lock” stand for write-protect.

2) Plug in the USB Flash Disk into the computer USB port. The system will automatically detects a new USB device and run the “Add New Hardware Wizard” to assist you in setting up the new device.



(Fig 2.1)

3) Inset driver CD into CD-ROM then click “Next”,



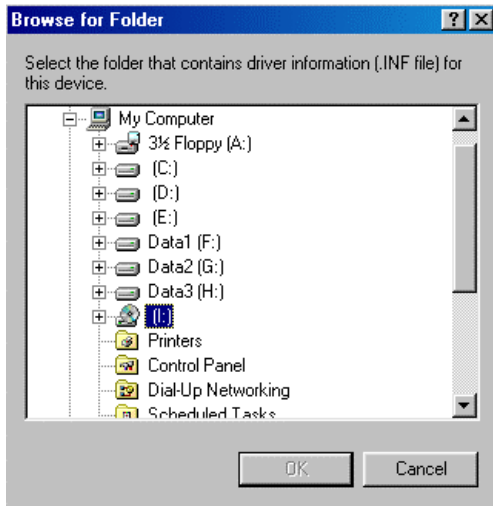
(Fig 2.2)

4) Click “Next”



(Fig 2.3)

5) Click the “Specify a location” option and click “Browse” to choose the folder “/driver/”,



(Fig 2.4)

6) Choose the INF files in the driver CD then click “OK”,



(Fig 2.5)

7) Click “Next” to finish the procedure.



(Fig 2.6)

8) The system should now detect the other hardware and run the “Add New

Hardware Wizard” to assist you in setting up the new device, follow the system message to finish the driver installation.

9) After installing the USB Flash Disk, the “Remove disk” symbol should appear in “My computer”.

2.2 Security software installation

(If the users wish to use the security function, they’ll need to install the security software under Win98/SE/ME/2000/XP.)

2.2. 1 Security software installation under Win98/SE

1) Turn on the write-protection switch of the USB Flash Disk before use.

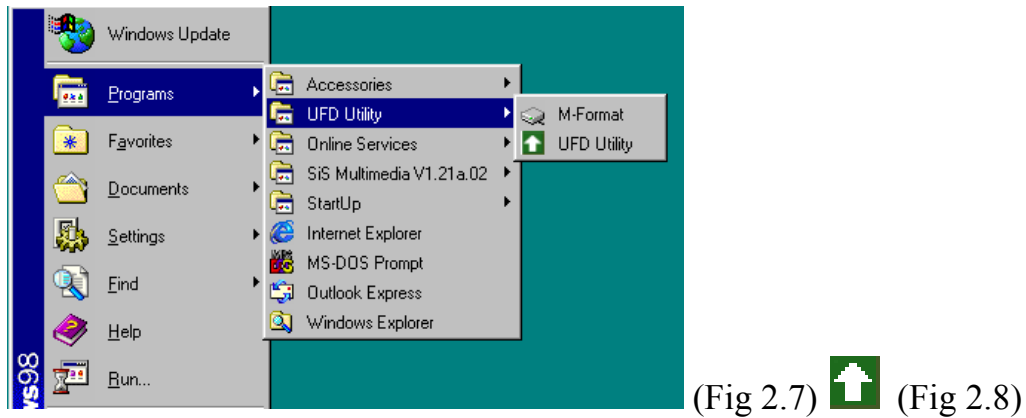
The indicating figures “Key” means writable and “Lock” stand for write-protect.

2) Start up Windows 98SE and insert the driver disk into the CD-ROM.

Run “security/setup.exe” in the driver CD, follow the system message to complete the security software installation and restart the computer.

3) Re-plug the USB Flash Disk after installing the security software. The

system should automatically detects the device and set the security function. The UFD Utility icon should appear in the programs and taskbar.

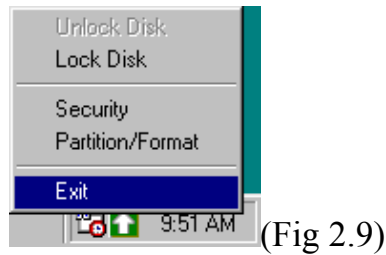


2.2.2 Security software installation under Windows Me/2000/XP

- 1) Turn on the write-protection switch of the USB Flash Disk before use. The indicating figure “Key” means writable and the “Lock” stands for write-protect.
- 2) There is no driver necessary in Windows ME/2000/XP, the system should automatically detects the new hardware and install the driver when plug in the USB Flash Disk into the computer.
- 3) Run “security/setup.exe” in the driver CD, fellow the system message to complete security software installation. A green icon should appear at the taskbar and the UFD Utility will appear in the programs after the security software is installed.

2.3 How to use the security function

After installing the security software, the new program should appear and a new icon will show in the taskbar. Use the right mouse to click this icon, then follow the options (as shown below)

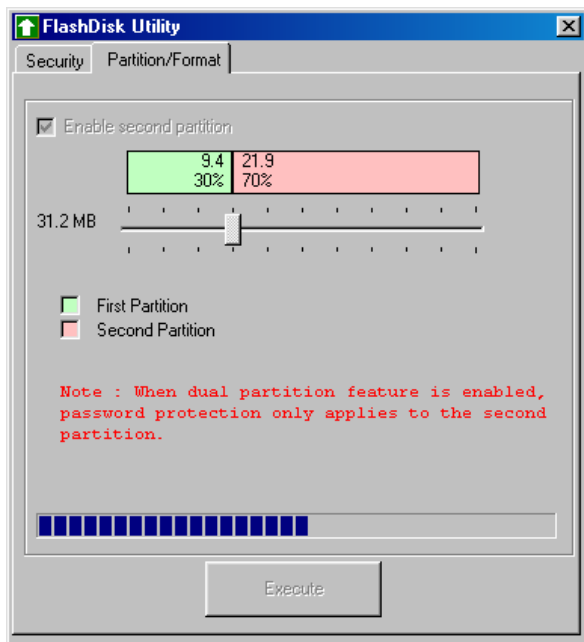


(Fig 2.9)

The explanation for the options:

1) Partition/Format

Click “Partition/Format” option, the Flash Disk Utility window should appear.



(Fig 2.10)

Follow the demand, the users will have the option of dividing the USB Flash Disk into two disks or not.

Divide into two disks: click the “Enable second partition” option and drag the resizing indicator to resize the security area and public area, click “Execute” button to start this operation.

Combine to one disk: If the USB Flash Disk has been divide into two disks and user want to combine them to one disk, do not tick the “Enable second partition” option or drag the resizing indicator to make the public area 100%. Just click the “Execute” button to start this operation.

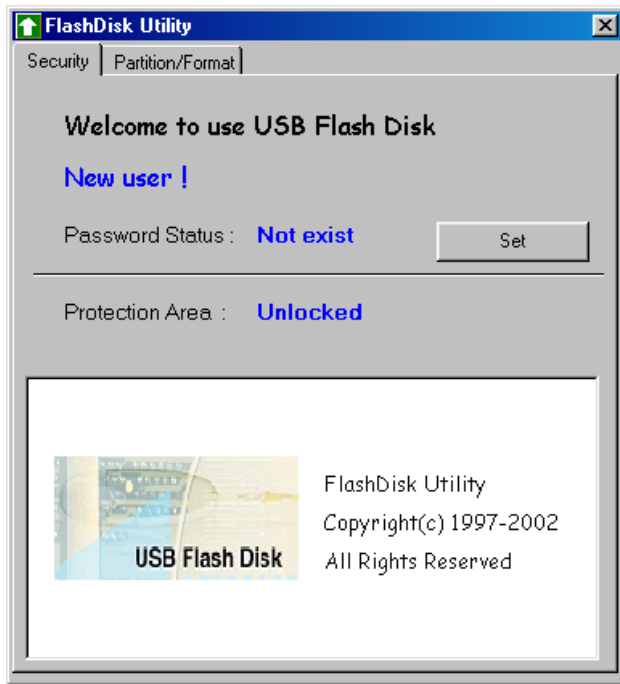
Notice:

1. All data in the USB Flash Disk will be erased after resizing operation.
2. If the USB Flash Disk is used as the bootable disk, the public area must have more than 2MB of space available.

After resizing, two disk symbols will appear in “My computer”. Under normal condition, the first removable disk will be assign as the “public area” and the second one will be assign as the “security area”.

2) Security

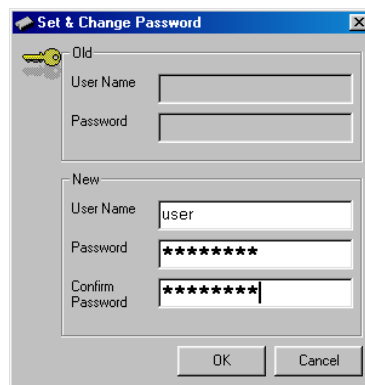
Click the “security”option, the Flash Disk Utility window will appear.



(Fig 2.11)

The user can set up the password and user name after splitting the USB Flash Disk into two disks to protect the files in the security area.

Set up your password: Click “Set”, and the “Set & change password” window should appear. Enter the user’s name and password, then click “OK” to set up the password.



(Fig 2.12)

Change the password: Click “Change” button, the below windows

appears, enter the old password and new password then click “OK” to complete the process.



(Fig 2.13)

Clear password: Click “Clear” button, when the below windows appears , enter the correct password then click “OK” to clear the password.



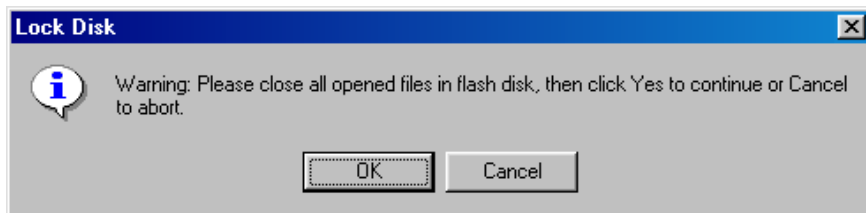
(Fig 2.14)

(Notice: If the users forget the password, the only solution is format this USB Flash Disk by using format tool “M-Format”. The USB Flash Disk then will become one disk again. However, all the data of the USB Flash Disk will be erased after the procedure.)

3) Lock Disk

Click “Lock Disk” option or double click the green icon at taskbar. The

below message should appear.



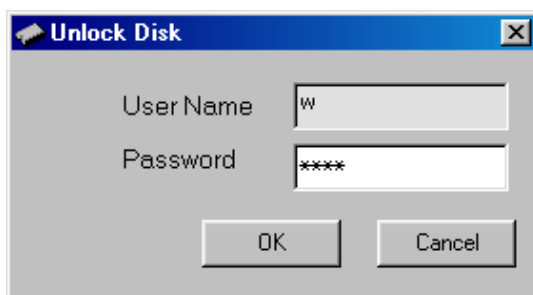
(Fig 2.15)

If user wants to protect the USB Flash Disk that has been divided into two disks and has been set the password for it, click “Lock Disk” option after closing all the programs that involved with the security area. Then click “OK” to hide the security area, in the meanwhile the green icon become to red icon.

Notice: Because the security area is hided after “Lock Disk” operation, the user only can find one removable disk symbol, which is public area.

4) Unlock Disk

Click “Unlock Disk” or double click the red icon at taskbar. The below dialog window should appears.



(Fig 2.16)

The user can access the security area after enter the correct password, in

the meanwhile the red icon will become green.

Notice:

- 1) Two disk symbols will appear after the “Unlock Disk” operation.
- 2) To avoid accident deletion, please keep the security area in the lock disk state.

5) Exit

Select the “Exit” option to exit security software.

2.4 Uninstall the security software

To uninstall the security software, open control panel -> Add and remove programs then select the USB Flash Disk Utility to start the uninstall operation.

3. M-Format

A. Bootable function

USB Flash Disk provides a particular bootable function. You can use the USB Flash Disk as a startup disk for your PC to boot the system. However, your BIOS on the main board must support the “USB-ZIP” or “USB-HDD” boot up feature.

Follow the steps shown below.

1) After plug in the USB Flash Disk into the computer run “M-Format.exe” in the program.



(Fig 3.1)

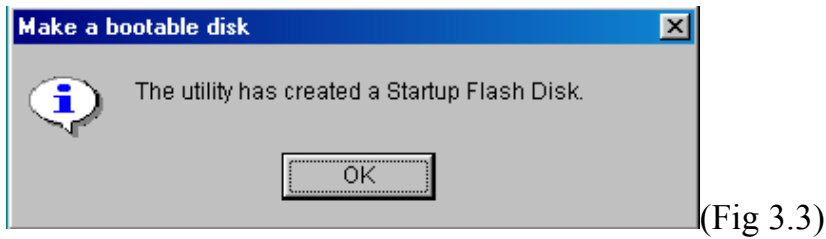
Notice: Choose the “USB-ZIP type” option and the USB Flash Disk will become USB-ZIP startup disk or choose the “USB-HDD type” option and the USB Flash Disk will become USB-HDD startup disk.

2) Click “Execute”, the warning message will appear. Please make sure that the files of the USB Flash Disk have backup. Then, click “OK” to make the startup disk.



(Fig 3.2)

3) The below window should appear when bootable disk is completed.



(Fig 3.3)

Notice:

The bootable function only can be used with motherboards that support either USB-ZIP or USB-HDD bootable function in BIOS system.

Please read the motherboard user's manual to set the "first boot" option to "USB-HDD" or "USB-ZIP".

B. Restore factory settings

Choose the "Format" option and click "Execute" the warning message should appear.



(Fig 3.4)

Click the "OK" to start format the USB Flash Disk. After this operation, please re-plug the USB Flash Disk. Now all the data in the USB Flash Disk are erased. The public area and security area will become one disk again.

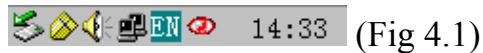
4 How to use the USB Flash Disk

USB Flash Disk is easy to use, the instruction on how to use USB Flash Disk in Windows98SE/ME/2000/XP are shown below:

4. 1) Turn on your computer.

4. 2) Please plug the USB Flash Disk into the USB port of the computer.

The “Removable Disk” symbol should appears in “My Computer”, which is also the USB Flash Disk symbol. Under Windows ME/2000/XP, an icon will appears at taskbar.



4. 3) The indicator of the USB Flash Disk will be flashing while the write or read action is processing.

4. 4) To exit from the process and pull the USB Flash Disk out, follow the steps below:

Windows 98SE: Pull out the USB Flash Disk from the computer when USB Flash Disk’s LED stops flashing and the USB Flash Disk symbol disappears automatically.

Windows ME/2000/XP: Click the icon at the taskbar. A “Stop USB Mass Storage Device — device (e:)” window should appear. The system then prompts a new window shows “USB Mass Storage Device can be remove safely”. Click “OK” to close this window and then remove the USB Flash Disk.

5. Foxmail software

The users just need copy Foxmail program from driver CD to the USB Flash Disk and can receive/send own E-MAIL on online computer through this USB Flash Disk. Take away the USB Flash Disk after receiving/sending E-MAIL and leave without any trace in the computer. That is very convenient.

Because of the OEM version, please refer to the introduction and help file of Foxmail software to get the detail of using guide.

(Notice: The English version Foxmail software comes with the enclosed CD, the user can copy the Foxmail folder to the harddisk or USB Flash Disk to use this program)

6 FAQs

1. After the installation is complete, why can't I find the USB device correctly?

Answer: Check USB Controller option in BIOS, make sure it is "Enable".

2. What is the purpose of the indicator?

Answer: When reading or writing the data from/to USB Flash Disk, the LED will blink to show the status.

3. Can I pull out the USB Flash Disk from the computer when the LED is blinking fast?

Answer: We strongly recommend not doing that. This can lead to lost data

or blue screen. There is no harm in hardware, but that may cause data lost.

4. Can I use the Scan Disk to scan the USB Flash Disk?

Answer: Yes..

5. Can the USB Flash Disk be shared in the local network?

Answer: Yes.

6. Why is the available capacity is smaller than the announced density?

Answer: This is because the file management system and system files will take some capacity, so the available capacity is smaller than the announced density

7. Will the data in the public area still exist after resized the security area?

Answer: When you resizing the security area, all the data of the USB Flash Disk will be deleted. Backup your files before reallocating the capacity.

8. How many digits can be entered for the password?

Answer: Eight digits.

9. What is the difference between the red and green security icon?

Answer: The red icon indicates the Lock Disk state, and the green icon indicates the Unlock Disk state.

10. Why does the security software cannot function under the MAC 9.X operating system?

Answer: This is because the security software is for window operating

system only. Do not run this security software in the MAC OS 9.X operating system.

7. Notice

1. The start-up disk function runs under the window 98SE only.
2. It is strongly recommend not to pulls out the USB Flash Disk before it stops blinking.
3. After completing the driver's installation, if the removable disk symbol does not appear, please click "Control panel"-> "system"-> "Device manager" then choosing USB Flash Disk. Use the right mouse button, and choose "properties"-> "setting" then click "Removable" option and restart the computer.
4. Do not pull out the USB Flash Disk when accessing the files from the USB Flash Disk. Close the program before pull out the USB Flash Disk.
5. The security program will be automatically closed after entering the wrong password for more than 3 times.