

# **ATTACHMENT E**

## **USER' S MANUAL**

# Flash USB Drive

## *User's Manual*

**Flash USB DRIVE**

**JUNG MYUNG TELECOM CO., LTD.**



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# FLASH USB DRIVE

## Introduction

A compact, light and movable storage device (external drive)

Well-designed and integrated plan.

New generation and new tech Storage Device

Save your favorite movie into Flash USB Drive sized by your lips.

Flash USB Drive can make transporting your data faster than others by via USB port and save the word document over 60,000.

Almost two times capacity as much as CD-R.

The first portable storage device, manufactured by Korean Technology.

The storage device of semi-permanent usage

Not need any power device, cable or installation of a complicate program. Protection from the hacker's attack and safe storage of important files.

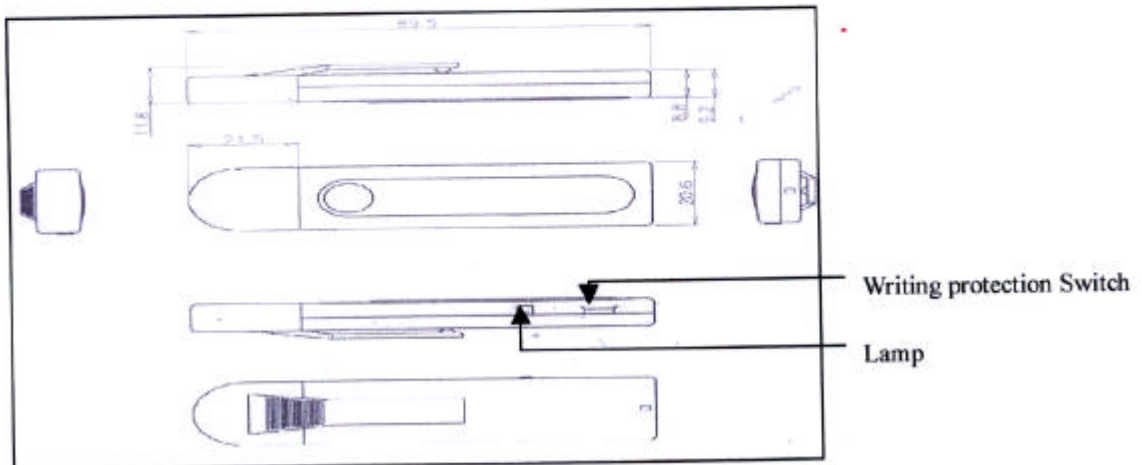
On inserting the USB port, you can install immediately and easily use it like Windows' hard disc drive. Freely you can hang on the neck, insert in your pocket and take your favorite multi-media movie, music and big capacity graphic file. For Windows 98/ SE/ME/2000 and Mac(Dec. 2000).

## ● Feature and structure

- Easily movable myself file(in pocket or hang on the neck)
- Not need to buy battery
- Plug & Play in USB port(easy installation)
- The same as usage of hard disc drive
- A compact size as size as your lips (79mm × 20mm × 10mm : 16MB~ 64MB) and light weight (50g)
- Electronic mode by Flash memory, not mechanical storage mode
- For windows 98/SE/ME/2000 version
- Support IBM PC/AT or compatible Desktop / Notebook / Sub-Notebook / Laptop computers (Pentium® @ 100MHz or better) with USB ports.
- Support UHCI(Universal Host Controller Interface) and OHCI(Open Host Controller Interface)
- Usable with desktops & notebooks
- Semi-permanent storage of your data
- A switch for protection of deleting file

- Storage over 60,000word document(1GB)
- Fast transporting speed
- Not need to take your notebook or pc for your business.

● Structure



Specification & Installation



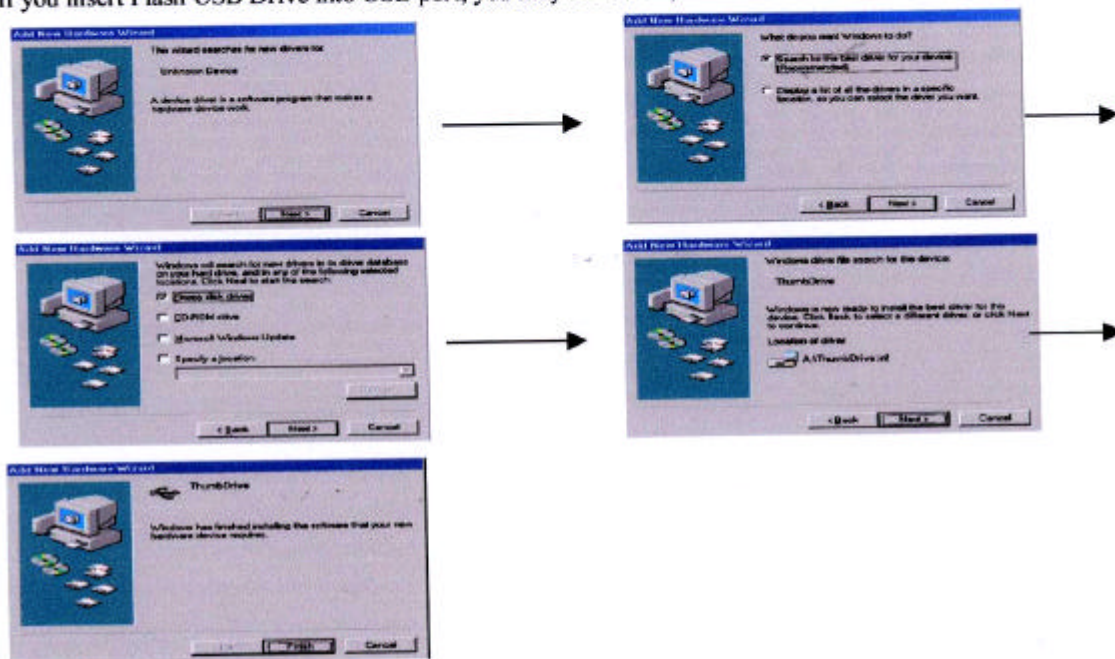
| ITEMS                           | DESCRIPTION                                                                                         |
|---------------------------------|-----------------------------------------------------------------------------------------------------|
| PC system with USB ports        | IBM PC/AT & Notebook & Sub-Notebook                                                                 |
| Operating System                | Windows 98 & 98 se, windows me, windows 2000                                                        |
| Memory Capacity                 | 16MB/ 32MB/ 64MB/ 128MB/ 256MB/512MB/1GB                                                            |
| Interface                       | USB Spec. 1.1<br>UHCI (Universal Host Controller Interface)<br>OHCI(Open Host Controller Interface) |
| Data Retention                  | 10 Years                                                                                            |
| Suspend current                 | < 300uA, compliant to USB spec. of < 500uA                                                          |
| Write Protection                | By writing protection switch                                                                        |
| Operating Current               | < 40mA                                                                                              |
| Dual LED built-in(green & red)  | LED on : In inserting Flash USB Drive into USB port<br>LED Blinking : Data transporting             |
| Storage Temperature             | - 20℃ ~ +80℃                                                                                        |
| Relative Humidity under storage | 5% ~ 95%                                                                                            |
| Dimension                       | 89mm × 20mm × 10mm(16~64MB)                                                                         |
| Operating temperature           | 0℃ ~ + 45℃                                                                                          |
| Weight                          | 40g(approx.)                                                                                        |
| EMI Compliance                  | FCC, CE,                                                                                            |
| Power supply                    | USB bus-powered(4.5V ~ 5.5V)                                                                        |

For reference only. We reserve the rights to make changes on any specifications without any notice.

\*\* These are nominal values. Due to the characteristics of flash memory chip, bad memory bits or blocks may be present. Factory specifies that actual memory is not less than 5% of nominal on delivery.

## Installation

If you insert Flash USB Drive into USB port, you may see below,



## Gift Box and Accessories

- Flash USB Drive, Installation Mini-CD,, Quick guide, necklace, Warranty Card, Connecting cable(Optional)

## FAQ

1. How can I use Flash USB Drive in case of not preparing for installation CD?  
A : Visit our website (<http://www.flashusb.com> or <http://www.flashusb.co.kr>), download drive and install it in yours.
2. What kind of OS may I use Flash USB Drive?  
A : As we have a drive of Flash USB Drive for windows 98/se/me/2000 and Mac. (Dec.2000), so please select and download the drive same as your OS.
3. My PC cannot conceive Flash USB Drive. What should I do?  
A : It can happen some error by some computer's , manufactured PC or Mac

computer, character and user's error. At that, first of all, go to Start Menu-> Control -> Program Installation and Deletion, and delete the USB Drive and re-install it.

4. I am not good at computer. Can I use Flash USB Drive?

A : Of course. On installation, if you insert our Flash USB Drive in USB port in Computer, your computer works the Installation Wizard automatically. Then you just comply with installation as Wizard order and use like Hard Drive in your PC.

5. What kind of file can I save in Flash USB Drive?

A : In Flash USB Drive, you may save any type of files, for example word, graphic, software program, music, and Multi-Media file and move anywhere.

6. I bought Flash USB Drive, but it is not enough to me. Do you have a good idea?

A : In best, you had better buy bigger memory product. Our Flash USB Drive have different capacity (16, 32, 64, 128, 256, 512MB/1GB). So check the capacity you need and buy. Second, buy it one more and use it with USB Hub in your computer.

7. What is the precaution of using Flash USB Drive?

A : Please keep Flash USB Drive out of humidity, heavy physical shock, heavy Electronic shock etc. The breakdown, caused by modification or repair of anyone, is rejected by us. For more information or A/S, contact our agent or visit our website <http://www.flashusb.com> or <http://www.flashusb.co.kr> and take technical service.

## TRADEMARK, WARRANTY & CERTIFICATION INFORMATION

### TRADEMARKS

Flash USB Drive is a trademark of JUNG MYUNG TELECOM CO.,LTD.

All other trade names referenced in this manual are the service mark, trademark, or register trademarks of their respective manufacturers. Jung Myung Telecom reserves the right to change specifications without any notice. Copyright © 2000 JUNG MYUNG TELECOM CO.,LTD. printed in Korea.

### JUNG MYUNG TELECOM Flash USB Drive

Your Flash USB Drive comes with hardware warranty. JUNG MYUNG TELECOM CO.,LTD. warrants Flash USB Drive against defects in material and workmanship. This warranty applies

only to the original purchase of the Flash USB Drive and is not transferable. This warranty does not cover any incompatibilities due to user's computer, hardware, software or any other related system configuration in which Flash USB Drive interfaces. Proof of purchase will be required before any warranty consideration by JUNG MYUNG TELECOM CO.,LTD.

This warranty does not apply to any failure or deficiency which has been caused by misuse, neglect, alteration, improper installation or handling, unauthorized repair or modification, improper testing, accident or causes external to the Flash USB Drive, such as, but not limited to, excessive heat or humidity, power failure or improper installation. JUNG MYUNG TELECOM CO.,LTD. warranty as set forth shall not be enlarged, diminished or affected by, and no liability shall arise out of, JUNG MYUNG TELECOM CO.,LTD. rendering of technical advice or service in connection with your order. The warranty set forth above is not assigned by you.

This warranty applies only to this product, and is governed by the laws of Korea.

## ● Certification Information

The users manual or instruction manual for an intentional or unintentional radiator  
Shall caution the user that

This device comply 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 that may cause undesired operation.

This equipment has been tested and found to comply with the limit 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. If this equipment  
Does 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, with can be determined by turning the  
equipment off and on, the user is encourage to try to correct the interference by one or 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 experience radio TV technician for help.

Changes or modifications not expressly approved by the  
Party responsible for compliance could void the user's authority to operate the equipment.

## \*CONTACT US

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