

<u>User Manual</u>

1.8" ATA to USB 2.0 External Storage Enclosure

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AP-BP0004 V 1.0

Introduction

1.1 The ME2 1.8" ATA to USB 2.0 External Storage Enclosure is an ultra-slim, clarity, compact, outstanding looking enclosure. Equipped with a mini 5-pin USB 2.0 port, this is the perfect solution for additional external storage, data backup, and for transferring data between computers and platforms.

1.2 Available Interfaces

- a. USB 2.0
- b. Firewire 1394a

1.3 System Requirement

a. Hardware :	PC or MAC with USB interface
b. OS requirement :	Windows 98/SE , Windows ME,
	Windows 2000, Windows XP
	Mac OS 8.6 and later

1.4 Product Dimensions: 10.2cm x 60.0 cm x 1.3 cm

 4.02" x 2.36" x 0.51"

1.5 Package Contents:

- a. ME2 (ATA to USB 2.0 External Hard Drive)
- b. Mini 5-pin USB 2.0 Cable
- c. CD with Driver
- d. Protective Bag

1.6 Quick Guide:



System Set Up

(See Figure A)



Figure A

Installation Procedure

4.1 Installation on Windows 98/SE (USB 2.0)

- Turn on your computer and start Windows
- Connect the ME2
- Driver Installation
 Insert the included driver CD and follow the onscreen instruction (See Figure 1 –3)

Step 1

Add New Hardware Wiza	rd	Add New Hardware Wizard	
	This wizard searches for r USB Mass Storage Dev A device driver is a softwa hardware device work.	What d See Ber Boot	ch for the best driver for your device. commended) kay a list of authe drivers in a specific tion, so you can select the driver you want. < <u>Rack</u> Next> Cancel
	< <u>B</u> ack	Next > Can	icel

Figure 1

Step 2



Figure 2

Step 3



Figure 3

4.2 Installation on Windows ME / 2000 / XP

- Turn on your computer and start Windows
- Connect the ME2
- No separate driver required, let Windows search and install it automatically
- Open "My Computer", where you can see the external Hard Drive (see Figure 4)





4.3 Installation on Macintosh (USB 2.0 High Speed only on Mac OSX)

- Turn on your computer and start Mac OS 8.6 / 9.2 / 10X
- Connect the ME2
- No separate driver required, except if used under OS 8.6, where the USB support has to be at least version 1.41
- The external Hard Disk will show up on the Desktop (see Figure 5)



Figure 5

Unplug Procedure

5.1 Windows 98/SE

- a. Single click (right mouse button) on the taskbar icon (see Figure 6)
- b. Click on popup message (see Figure 7)



c. Click "OK" and remove the device (see Figure 8)





5.2 Windows ME / 2000 / XP

a. Single click (right mouse button) on the taskbar icon (see Figure 9)

b. Click on popup message (see Figure 10)



c. Click "OK" and remove the device (see Figure 11)



Figure 11

5.3 Mac OS



Drag the icon to the trash bin and remove the device (see Figure 12)

Figure 12

Attention!!

To assure no data will be lost, always follow the "unplug procedure". If not, data could be lost and the following message will show up:

■ For Windows ME



■ For Windows 2000

Unsafe Removal of Device
You have unplugged or ejected a device without stopping it. Unplugging or ejecting devices without first stopping them can often cause your computer to crash and lose valuable data.
To safely unplug or eject any of the following devices, first use the Hardware wizard in the Control Panel to stop the device.
Generation Storage Device Generation ST040H4 USB Device
If you frequently need to unplug this device, Windows can give you an icon on the taskbar to quickly unplug or eject your device. If you would like to use this option, check the following:
✓ Show Unplug/Eject icon on the taskbar.
2:01 PM
OK

USB 2.0

■ For Mac





Partitioning & Formatting

Please be aware that this will destroy all your existing data on the drive, so make sure you have a backup! This step is usually only required the first time you install the HDD or if you have a factory new HDD.

Windows 98/SE, Windows ME

DOS command "fdisk"



Enter choice: [5]



eate DOS partition or Logical DOS Drive : active partition lete partition or Logical DOS Drive splay partition information ange current fixed disk drive



(1 MByte = 1048576 bytes) Enter Fixed Disk Drive Number (1-2).....[2]



Choose "1" and follow the instructions

Windows 2000, Windows XP

Disk Management Program:



Select "My Computer", then right click \rightarrow "Manage"

Select "Disk Management"



Choose the drive you want to format and right click on it for further commands



Follow the Partition Wizard

If you want to use it on many different OS including Mac, we recommend FAT32

Mac OS

Mac OS9.2 and before does not support creating partitions on an external drive. To do that you would need to purchase additional software. Initializing is no problem on all OS. For OSX please use the Disk Utility to format and create partitions on your external disk.

🧯 Finder File E	dit View Go Window	v Help 🧮		< ∢	Wed 4:06 PM
	••••	🗇 Utilities		 >>	10.2.X
	Back Forward View 1 of	Computer Home 28 items selected, 1.47 GB	Favorites Applications available	h	
	ColorSync Utility	Console	CPU Monitor	Π	
	DigitalColor Meter	Directory Access	Disk Copy		9.2.X
				U	data
			Grab		
	Installer	Java	Key Caps	* *	
¥	BRRC ÷		BO		

Select "Disk Utility " in the Utilities folder

1 Disk and 0 Volumes Selected	Information	First Aid Erase Partition RAID
19.14 GB	Volume Scheme:	_ Volume Information
10.2.X	Current	Name: Untitled
data		Format: Mac OS Extended
Untitled 1		Size: 9.31 GB
		Locked for editing
		Options
		☑ Install Mac OS 9 Disk Drivers
	Untitled	If this option is not selected, this device cannot be used by a computer running Mac OS 9. This option does not affect Classic.
		Select a volume scheme, choose a volume name and a file system type, and resize the volumes.
	3	You can initialize this disk.
	Split Delete	Revert Partition
Click the leads to ensure	the second second	
Click the lock to preve	ent further changes.	

Choose your external drive and format it according to your requirement

Performance Test

Test Computer

Motherboard	GA-8IE533 REV2.0
CPU Processor	Intel Pentium 4
CPU Speed	2.0 GHz
System RAM (MB)	256 MB
USB 2.0 Host Controller	Intel USB2.0 Enhanced Host Controller
Operating System	Microsoft Windows XP

Hard Drive

Model	RPM	Capacity	Remark
Toshiba MK2003GAH	4200	20GB	

Test Data

Model	Read	Write	Unit	Interface
ME-U2GJ-20	12.00	17.83	Mbytes	USB

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