

## Installing Hard drive

The storage device of the Portable Digital Camera Storage Device (DC Partner) is an internal 2.5 inch laptop hard drive. Therefore, when you purchase a new DC Partner, you should install a hard drive in it unless the hard drive has already been installed. After initial installation, it is not necessary to re-open the cover unless you want to exchange current hard drive.

### **Hard drive installation process:**

- 1) Unscrew the screw on the back cover of the DC Partner
- 2) When you open the cover, there is a socket with 44 holes on the top of circuit board. Facing the side of hard drive with trademark/label, insert the 44pin interface on the socket of the DC Partner. Normally, a laptop hard drive has two separate pin outputs, one group with 44 pins stand out put, another group with 4-6 pins. The two different groups of pins have been divided and should not be mixed.
- 3) The 4-6 pins on the hard drive should be configured as Master mode (some hard drives name this as DEVICE mode). The mode selection is normally explained on one side of hard drive with the trademark/label. In general, the default mode of a new hard drive is Master mode - if you are unsure

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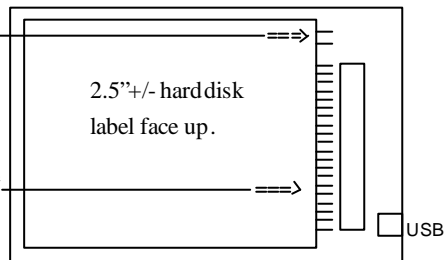
about the setup, please contact hard drive provider. When the hard drive correctly installed, it should fit well on insulated protection pad, which is on the top of the circuit board.

4) Replace cover and screw it tight.

Note: If the laptop hard disk is newly purchased, it must be formatted. (see 'Formatting Hard drive').

Select master/slave mode:  
Please select master mode master mode equ device o.

Align the hard disk with the socket of DC artner, insert into it straightly.

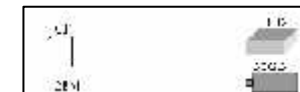


## Performing copy transfers

1) Press "power" button to turn on the machine - the top right corner of the DC Partner's LCD will display 'HD' sign after two second. It shows that Hard drive has been correctly installed Under it, 'XX GB' displays the remaining space of the hard drive. The sign on the bottom corner shows the battery capacity (see diagram 1):



2) Insert the memory card that you want to copy. Please insert the memory card into the corresponding interface of the DC Partner. When the memory card is correctly placed, the type of card will displayed on the top left corner of LCD, such as, 'CF', 'SM', 'SD', 'MS' etc. On the bottom left of LCD, it shows **used space** of the memory card.(See Diagram 2).



## Performing copy transfers

Note:

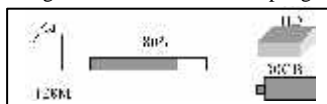
"CF"= Compactflash card type

"SM"= Smartmedia

"SD"= Secure Digital

"MS"= Memory Stick

3) Press 'Copy' button, the DC Partner will automatically transfer all the files of memory card to the internal hard disk. On the LCD screen, the percentage of transferred files will be display. The lights on the device will flash showing that data transfer is in progress.(See Diagram 3)



4) The transferring process is complete when the percentage of transferred files on LCD reaches 100%. After transfer, the files on memory card will still remain. If it is required to be empty, this may be performed on the digital camera.

## Performing copy transfers

5) When two memory cards are inserted into DC Partner at the same time, the 'CF' type of memory card will be prioritized. The other type of memory card will be recognized by the DC Partner thereafter.

6) The DC Partner will create a new folder on hard disk to save newly transferred files each time the 'Copy' button is pressed. Therefore, no matter the contents in memory card are the same or not, the DC Partner will not overwrite previous files.

7) When file transferring is completed, please press 'Power' button to turn the DC Partner off. Otherwise, the machine will automatically switch off after one minute.

8) During file transferring process, the DC Partner cannot be switched off even when the 'Power' button is pressed. This prevents accidental damage to hard disk. If it is required to terminate the transferring process, please take the memory card out. After a few seconds, the LCD screen will indicate card misread, and a 'X' sign will appear among the memory card on the LCD.

**If customer want to continue transferring, please press 'Power' button restart the machine and it will start the transferring process.**

## Connecting DC Partner to PC

After transferring, the files from the memory cards will be stored on the internal harddisk of DC Partner. If you want to copy transfer files from DC Partner to PC, the procedure is as follows:

1. Ensure the computer is working properly. Connect the DC Partner with PC using the provided USB cable. If the PC uses Windows ME/Windows XP/Windows 2000 SP3, the DC Partner driver does not need to be installed. If the PC operation system is either Windows 98 or Windows 2000 without SP4, it is necessary to install the DC Partner driver for your computer to recognize DC Partner. The details of installing driver can be found in 'Driver Installing Instruction' book.
2. Press 'Power' button of DC Partner, the USB sign will show at the bottom of LCD screen, it confirms that the DC Partner is correctly connected with PC.
3. On the PC, double click 'My Computer' you will see two 'removable drive'. In addition, there are several new hard disk partitions (the number of partition depends on the number of your DC Partner hard disk partition). Two of the removable drives correspond to the two DC Partner slots (CF slot and 4 in 1 slot). The new hard disk partition(s) is the notebook hard disk partition of DC Partner.
4. Once the DC Partner is connected with PC, it recognized as a card reader/**writer** and a

## Connecting DC Partner to PC

removable USB hard disk – it can be operated as a normal hard disk of your PC. The files on memory card can be transferred to computer hard disk, and vice versa. The files can be transferred between **memory card**/hard disk of DC Partner and PC hard disk.

After finish operating, either remove USB cable or press 'Power' button of DC Partner to disconnect with the PC. Please note if the USB sign on the LCD screen is still flashing, this indicates that data transferring between PC and DC Partner is still in process. Please do not press 'Power' button or disconnect USB cable, otherwise data transfer may be incomplete.

## Recharging Battery

The DCPartner has an internal rechargeable battery and a supplied mains charger. In addition, when the DC Partner is connected to a computer via USB, the battery can be automatically charged when the computer is on. During recharging the indication light on the left side of DC Partner appears red; the light will turn into green when battery is fully charged.

After charging is complete, the internal charging control system will automatically stop charging; it will not harm the battery even though the charger or USB cable is still connected.

## Installing driving programme

It is no need installing the driving program of Windows Me, Windows XP, Windows 2000 SP3+, Mac OS 10, Linux 204. When this unit connects to computer through USB port and powers on, the computer can recognize digital camera and install its driving program automatically.

Mac 8.6-9.x: pls drive under Drivers\MacOs 8.6-9.x path.

Windows98: It will appear to prompt on "New hard disc is found", after connecting to the computer, then follow direction on screen "install soft disc drive or CD-Rom" which containing device drive, installation is completed by the way of \Drivers\Windows 98.

Windows2000: As for uninstalled SP3 and service of higher edition including Windows2000, Computer can not tell several card, it need upgrading.

After connecting Portable Digital Storage to computer, enter into "Setting Management", open "USB Controller" and see "USB Mass Storage Device", open it and then enter into "Driving Program", select "update driving program", and then select Floppy Disc Drive provided CD-Rom from instruction. The installation is completed by through of \Drivers\Windows2000.

## Partitioning and Formatting the Hard Disc

The harddisc can not be used without partitioning and formatting, partition and format should be operated on the computer, its operating way is exactly same with USB.

If the hard disc is not partitioned, you only can see two removable disc icons meaning two card groove under "My computer", can not see hard disc without partition. . Under Windows98/me, partition can used with Fdisc, it can partition after selecting removable hard disc. It partition and format as FAT or FAT32

Under Windows2000/xp, click "My computer" with right key of mouse, select "Management", and select "disc management", you can see hard disc in computer as well as USB hard disc, and it can partition and format the hard disc with correct way.

But using Portable Digital Storage, only copy to FAT or FAT32 branch zone during coping by offline, so recommend to customer that firstly divide the largest main branch zone with less than 32GB during partition, then format the branch zone as FAT32, If the hard disk has spare space, please build the other branch zone at random. Firstly dividing into branch zone is not more than 32GB, because Windows can't format the branch zone with over 32GB as FAT32( the branch zone with over 32GB is

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formatted as NTFS, copying by offline don't support NTFS ), to provide the largest space for copying by offline, general speaking , the hard disk with less than 32GB can build directly single branch zone as FAT32, if the content of the hard disk is more than 32GB, please select and build a FAT32 branch zone with 32GB, the spare space can be used in other function.

When it exist multiple branch zones, the system will copy to the first FAT or FAT32 branch zone during copying by offline, so the customer should ensure the first FAT/FAT32 branch zone has enough space to copy by offline.

Customer can select the special partition tool using non-Windows by itself, for example Partition Magic will format the hard disk with the large content as FAT32 branch zone with 32GB.