MindStor™

THE ULTIMATE DIGITAL CAMERA COMPANION

Ck bYfffgj Mubi U *VERSION 1.8.1*

- ▪ *Installation Guide*
- ▪ *Operational Tips and Care*
- ▪ *Interfacing with Your Computer*
- ▪ *Operating Menu Options*

PSS-1810	**PSS-1820**	**PSS-1830**
10GB	20GB	30GB

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INTRODUCTION

Congratulations on purchasing MindStor, The Ultimate Digital Camera Companion. MindStor makes it easier for digital photographers to catch the right moment anytime, anwhere! This manual will guide you through setting up, operating and caring for the product. Remember, you can access the up-to-date Owner's Manual and Frequently Asked Questions anywhere, whenever you have a question. Just access www.mindsatwork.net to view it online.

CONTENTS OF PACKAGE

MindStor

Support Documents
(Quick Installation Guide,
Warranty Card)

Memory Card Adapter(s)
Either CompactFlash, OR*
Complete Adapter Set (4-in-1 PC Card
Adapter & CompactFlash Adapter)

Installation CD

USB Cable

AC Adapter

NiMH Rechargeable
Battery Pack
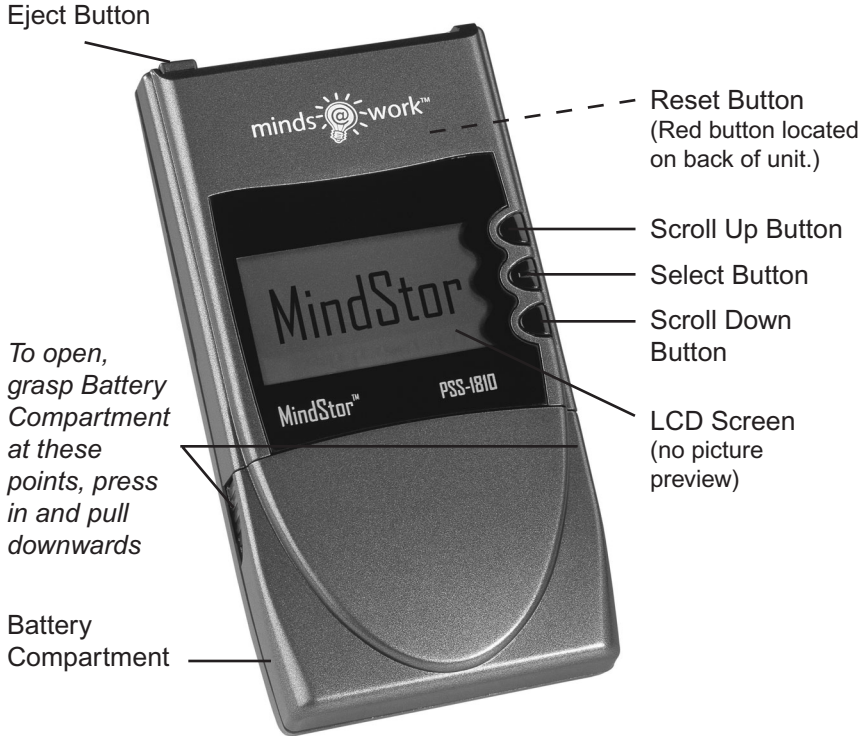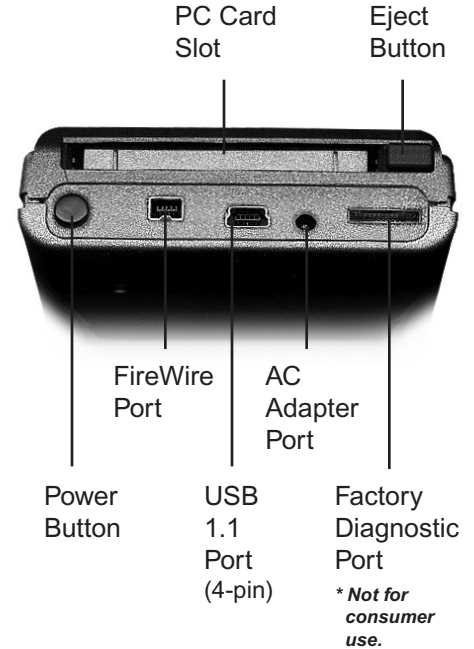
*See front of package for specific adapter(s) included.

DIAGRAMS

Figure 1.A

Eject Button

Reset Button
(Red button located
on back of unit.)

Scroll Up Button

Select Button

Scroll Down
Button

LCD Screen
(no picture
preview)

*To open,
grasp Battery
Compartment
at these
points, press
in and pull
downwards*

Battery
Compartment

minds@work™

MindStor

MindStor™   PSS-1810

Figure 1.B

PC Card
Slot

Eject
Button

FireWire
Port

AC
Adapter
Port

Power
Button

USB
1.1
Port
(4-pin)

Factory
Diagnostic
Port

*Not for
consumer
use.*

System Requirements

Operating System: Windows XP / Windows 2000 / Windows ME / Windows 98SE / Mac OS 9.0 and higher

Computer Requirements: 200 MHz / 32MB RAM / CD-ROM

Input / Output Interface: FireWire (4-pin & 6-pin) / USB Version 1.1 (4-pin) /
                                 Memory media/PC card (PCMCIA) adapter / PC card slot (PCMCIA)

Compatible Media: Compact Flash™ / SmartMedia™ / IBM$^®$ Microdrive™ / MultiMedia Card™ /
(with appropriate adapter)   Sony$^®$ Memory Stick$^®$ / Panasonic$^®$ SD Memory Card

Installation Precautions

- Do not drop, jar, bump, shock the unit, or expose to sources of excessive vibration. Keep in mind that MindStor uses a 2.5" hard drive, similar to those used in laptops. Gently handle and carry your MindStor, especially during data transfers.

- The batteries included are not charged. We recommend charging them fully for at least three hours before using your MindStor prior to its first self-powered use.

- Please close all applications on your computer, prior to installing the MindStor drivers.

- Do not use force when connecting the USB and FireWire cables. The design of the cable connectors and the MindStor USB and FireWire ports prevent misconnection.

- Do not disconnect MindStor from your computer while the light bulb icon is flashing on the MindStor LCD screen.

First Time Charge of the Battery Pack

1. Open the battery compartment by grasping the sides, pressing in and pulling downwards. (Figure 1.A)

2. Attach the power lead from the unit to the battery.

   NOTE: The power lead connector fits the MindStor connector only one way. Do not force-fit. If the connectors do not fit together easily, be sure they are positioned properly.

3. Place battery pack in the compartment face up, with the arrows pointing towards the display.

4. Slide the compartment cover back into place.

5. Connect the AC Adapter to a power outlet and then to MindStor (Figure 1.B).

6. MindStor should automatically power on.

7. You will notice the battery level status icon, in the lower left corner of the screen, will be empty. Charge the battery fully for 3 hours prior to first self-powered use.

   NOTE: The battery pack cannot be fully charged when it is cold. Charge the battery pack in a temperate zone between 32º and 104º F (0º and 40º C). If recharged above 104º F (40º C), the battery pack could permanently lose its ability to recharge.

Installing the MindStor Drivers

USB CONNECTION FOR WINDOWS XP/2000/ME/98SE

1. Review Installation Precautions. **Do not connect or turn on MindStor until instructed!**

    IMPORTANT! Windows 98SE users must install the most current version of Internet Explorer prior to inserting the MindStor Installation CD.

2. Insert the Minds@Work CD in your computer. The CD will autoload and a Flash presentation will begin.

3. Once the Flash introduction is complete, click "Drivers" from the menu on the left-hand side of the screen.

4. Click on the "Install Your Driver" button. The drivers will automatically be installed.

5. When installation is complete, click on "OK".

NOTE: If the CD does not autoload:
1. Double-click on "My Computer" and browse through the Minds@Work CD.
2. Open the "Driver" folder and double-click on the file "MSInstall". The drivers will automatically be installed.
3. When installation is complete, click on "OK".

FIREWIRE CONNECTION FOR WINDOWS XP/2000/ME/98SE

NOTE: MindStor drivers are not required for Windows to use FireWire, however you will need to have a fully functional FireWire card.

If you are installing a FireWire storage device (MindStor) for the first time, Windows98SE will ask for the Windows98SE Installation CD. Just insert the Windows98SE Installation CD and the operating system will automatically load the required drivers for the FireWire storage device (MindStor).

CONNECTING TO A MAC (USB OR FIREWIRE)

1. Review Installation Precautions and turn your Mac personal computer on.
2. Insert AC Adapter into a power outlet and then to MindStor (Figure 1.B).
3. Connect **either** the USB cable **or** FireWire cable to your Mac.
4. Connect the other end of the USB or FireWire cable to MindStor.

MindStor does not need any drivers for Mac. In most instances, the Mac will recognize MindStor as an "Untitled" drive on the desktop. You may double click on the "Untitled" drive to view the files that we have saved on MindStor for your enjoyment and viewing. All pre-installed files may be dragged to the Trash for removal.

If you are unable to connect MindStor to your Mac, in most instances the problem may be solved by updating your USB or FireWire driver via www.apple.com. For further assistance, refer to Mac Support at: www.mindsatwork.net/macsupport.htm.

Operating Environment

- Place MindStor in a cool, dry, clean place; away from cold, moisture, dust, windows and heat sources. Do not expose MindStor to rain or water, to prevent fire or electrical shock.

- If MindStor has been exposed to extreme temperatures, allow the unit to reach room temperature before use.

- Keep the unit away from sources of moisture or liquids. Do not attempt to clean the drive with chemical solvents, as this might damage the finish. Only use a clean, dry cloth on the outside of the unit.

- Do not drop, jar, bump, shock the unit, or expose to sources of excessive vibration. Keep in mind that MindStor uses a 2.5" hard drive, similar to those used in laptops. Gently handle and carry your MindStor, especially during data transfers.

Powering the Unit

- Do not subject unit to severe vibration while powering up.

- If unit does not turn on when Power button is depressed, check these suggested solutions:

  - Check power source.
  - Battery is not connected.
  - Battery is not fully charged–then recharge.
  - AC adapter is not fully plugged in or is connected to an inoperable outlet.

Care for LCD Screen

- Do not put pressure on the LCD screen.

- Do not worry that the LCD screen backlight is always on; it draws little power.

- Keep the LCD screen from prolonged exposure to sunlight.

Transfer Process

- The countdown status meter displayed during memory card downloads is an estimated amount of the time needed to complete the transfer. File size, manufacture make and fragmentation of the hard disk and memory card can cause transfer time to vary.

- Make sure the memory card is inserted right-side up into the adapter, especially when handling SmartMedia cards.

- Always carefully insert and remove the memory card from the PC card adapter.

- **A flashing light bulb designates that data is in the transfer process. Until the light bulb has ceased to flash, do not:**

  1. Disconnect MindStor from the computer
  2. Remove the PC card adapter from the PC card slot

  If these procedures are not followed, there may be a chance of lost or corrupt data.

- Do not connect both USB and FireWire to your computer at the same time.

- Do not use force when connecting the USB and FireWire cables. The design of the cable connectors and the MindStor USB and FireWire ports prevent misconnection.

- **To discontinue the FireWire connection to PC, it is imperative that you first double click on the "Eject Hardware" icon found in the Windows task bar.** (Figure 2.A) From the dialog window, select the MindStor drive and click "Stop". Windows will notify you when it has saved important cached pages and disconnected the device. To access the Main Menu on MindStor, you must disconnect the FireWire cable, even though the screen still reads "FireWire Connected".

Figure 2.A
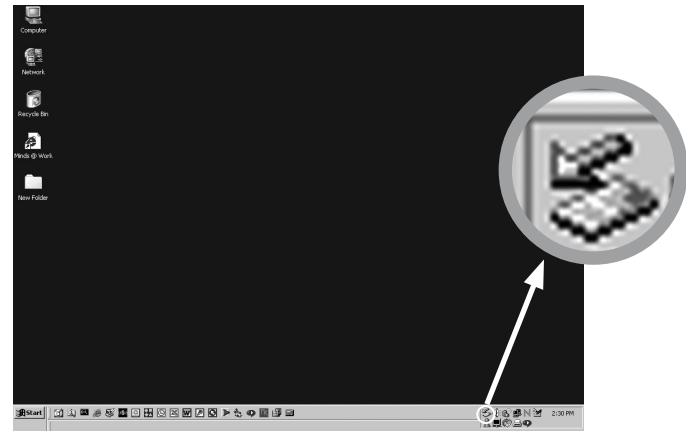
Care for Hard Disk

- If the unit or buttons become inoperable, depress the reset button located on the back of the unit.

- You will find the file "MAW$.S$N" on the MindStor hard disk. This file can be deleted at any time and will not be harmed during reformatting. Being that it is a related operating file, it will always be regenerated once MindStor is powered on again.

- Check the Minds@Work website periodically for free firmware updates.

- To keep your hard drive in peak operating performance, you are advised to periodically run ScanDisk and Disk Defragmenter (PC users) or reformat the hard drive (Mac & PC users). Without regular maintenance, transfer times will be considerably slower.

   PC Users

   1. Connect MindStor to your computer via USB or FireWire and power the unit.

   2. Open Windows Explorer. Right-click once on the "Removable Drive" icon and select "Properties".

   3. Under the "Tools tab", use the "Error Checking" and "Defragmentation" sections to run ScanDisk and Disk Defragmenter. Please refer to your Windows Owner's Manual for more detailed information. You are also advised to periodically reformat the MindStor hard drive. When reformatting MindStor, please choose the FAT32 file system.

   IMPORTANT NOTE BEFORE REFORMATTING FOR MAC OS 9 AND X USERS:

   1. If "HFS Standard" or "HFS Extended" is chosen, MindStor will be rendered unusable until a DOS format is placed on the drive. You will see the following message on your LCD screen, "Format Disk (14), Press A Key to Exit".

   2. In the case your Mac ever prompts you to "Intialize Disk" and you choose "Continue", your MindStor hard disk will be reformatted instantly, which involves erasing the hard disk contents and reformatting to HFS Format. TO PROTECT YOUR FILES, DO NOT CHOOSE "YES" OR "CONTINUE".

Mac OS 9 Users

1.   **IMPORTANT!** Back up all your files stored on the MindStor hard disk before reformatting. Reformatting involves erasing the hard disk contents.

2.   Connect MindStor to your computer via USB or FireWire and power the unit.

3.   Highlight the MindStor drive ("Untitled" icon) and click on the "Special" menu at the top of the screen. Select "Erase Disk".

4.   Select "DOS" from the "Menu" drop box. Type in a name for the drive that is no more than eight characters long.

5.   Click on "Erase". Your drive will now be formatted.

Mac OS X Users

1.   **IMPORTANT!** Back up all your files stored on the MindStor hard disk before reformatting. Reformatting involves erasing the hard disk contents.

2.   Connect MindStor to your computer via USB or FireWire and power the unit.

3.   Click on "Disk Utility".

4.   Select the "Minds@Wk MindStor PSS Media".

5.   Click on the "Erase" tab.

6.   In "Volume Format", be sure to select "MS-Dos File System".

7.   In the "Name" box, type in a name for the drive that is no more than eight characters long.

8.   Do not check "Install Mac OS 9 Drivers".

9.   Click "Erase".

You can power MindStor either through the AC adapter or battery pack.

Battery Powered

1. Depress the Power button to turn MindStor on. (Figure 1.B) The screen will show a Minds@Work logo, MindStor logo and then the Main Menu.

2. To turn off MindStor depress the Power button and hold until the screen reads "Shut Down". Then release the button.

The battery pack will provide up to 100 minutes of use with approximately 500 recharge cycles.

IMPORTANT! Use of any other batteries, battery pack or charging device can cause malfunctions and permanent damage to MindStor. For additional battery packs, visit www.mindsatwork.net to locate a local or online reseller.

To recharge the battery pack, connect MindStor to AC power. Each full recharge takes approximately 3 hours.

NOTE: The battery pack cannot be fully charged when it is cold. Charge the battery pack in a temperate zone between 32˚ and 104˚F (0˚ and 40˚C). If recharged above 104˚ F (40˚ C), the battery pack could permanently lose its ability to recharge.

To help preserve energy while MindStor is battery operated, you can customize a preset automatic shut-off timeframe. Please refer to "Shut-off Delay" in the Customize Menu section.

AC Adapter Powered

1. Plug the AC adapter to an outlet and then to MindStor (Figure 1.B). The unit will automatically turn on. While running the unit on AC power, the battery pack will concurrently be charged.

2. To turn off MindStor, disconnect the AC adapter. Depress the Power button and release when the screen reads "Shut Down".

IMPORTANT! Only use the supplied AC adapter. Use of a non-approved adapter will degrade charge performance and may cause permanent damage to battery and/or unit.

MINDSTOR AND YOUR COMPUTER

Connecting MindStor to Your Computer

In order for your computer to recognize MindStor, the proper drivers must first be installed. After installation is complete, you can connect to your computer anytime in a few simple steps.

1. Connect **either** the USB **or** FireWire cable to the computer and then to MindStor (Figure 1.B).

2. Power on MindStor, with either battery or AC power.

3. The LCD screen will show a blinking lightbulb to signify the unit is in the process of being recognized by the computer. (Figure 3.A) When the process is complete, the screen will show "USB Connected" or "FireWire Connected". (Figure 3.B) MindStor will be recognized on Windows as a "Removable Drive" and on Mac as "Untitled". Double click the icon to view the MindStor directory.

TIP You can perform basic functions such as drag and drop, deleting, copying, cutting and pasting files/folders between MindStor and the computer. You can also rename any file or folder in MindStor while it is connected to the computer.

TIP You can easily connect MindStor to any computer away from home or the office. Visit http://www.mindsatwork.net/msdownloads.htm to download drivers to any computer.
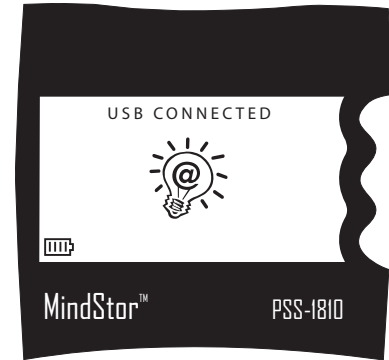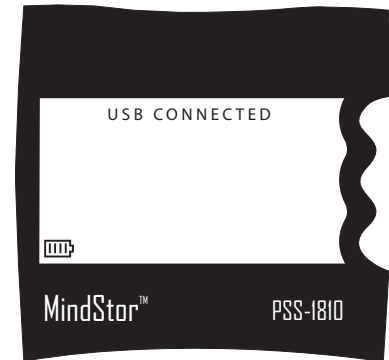
Figure 3.A

Figure 3.B

Disconnecting MindStor from Your Computer

DISCONNECTING FROM A PC

Windows 2000/XP: Left-click once on the "Eject Hardware" icon found in the Windows task bar. (Figure 2.A) Highlight and select "Stop Minds@Work MindStor". Click "OK" on the "Safe to Remove Hardware" window.

Windows 98SE/ME: Double-click on My Computer. Then right click once on the "Removable Drive" icon and select eject.

Disconnecting USB: After disconnecting, the Main Menu will automatically be displayed on the LCD screen.

Disconnecting FireWire: To access the Main Menu on MindStor, you must disconnect the FireWire cable. At that point, the screen will no longer read "FireWire Connected" and the Main Menu will appear.

IMPORTANT! On Windows platform, especially when running Windows XP, you must be sure to disconnect MindStor properly, otherwise when you reconnect MindStor your PC will not recognize the drive. In such an event, rebooting the computer may be necessary.

DISCONNECTING FROM A MAC

Drag and drop the "Untitled" hard drive icon into the Trash. The Main Menu should automatically appear on the LCD screen.

Using MindStor as a Card Reader Via USB

*When MindStor is connected to your computer **via USB**, you can insert an adapter with memory card at any time to use MindStor as a card reader.*

1. Connect the USB cable to the computer and then to MindStor.

3. Power on MindStor, with either battery or AC power.

4. When the LCD screen displays "USB Connected" without the blinking light bulb, insert a PC card adapter with apporpriate memory card within, into the MindStor PC card slot.

5. To recognize the media change, use your mouse to double-click the "Removable Drive" or "Untitled" drive icon on your desktop. Only the memory card contents will now be displayed.

6. When the PC card adapter is ejected, double-click the "Removable Drive" or "Untitled" drive icon to refresh the screen again. Only the MindStor hard disk contents will now be displayed.

NOTE: On Mac OS 10 or higher, the PC card needs to be inserted into the unit prior to USB connection.

OPERATING THE MENU OPTIONS

The three buttons on the front of MindStor are used to navigate and execute the various functions of MindStor. (Figure 1.A)

The middle button is used to select an option.

TIP If you hold down the Select button, in any menu or directory, you will be redirected one menu or directory level up in the hierarchy.

The top and bottom buttons are for scrolling up and down through the menu.

The menu options and operation status are displayed on the LCD screen. Beginning with the top-level Main Menu, this section will walk you through the menu operations.

NOTE: These operations cannot be used if the MindStor product is connected to USB or FireWire.

The Main Menu is the first list of options that appears when you turn on MindStor, as shown right. (Figure 4.A)

Figure 4.A

DOWNLOAD CONTENT
DISPLAY HARD DISK
DISPLAY PC CARD
MANAGE MEDIA
CUSTOMIZE

MindStor™   PSS-1810

Download Content

Downloading Content from your Memory Card

The "Download Content" function is used to download the complete contents of your memory card. (To download individual files from your memory card, please refer to the section covering the "Display PC Card" function.) MindStor is compatible with the following memory cards:

• CompactFlash	• IBM Microdrive	• Sony Memory Stick
• SmartMedia	• Panasonic SD Memory Card	• MultiMedia Card

IMPORTANT! For each type of memory card, you will need to use the corresponding adapter. Adapters are available for purchase at your local electonics store or online at www.mindsgear.com.

Do Not Power On MindStor Until Instructed! To download from these memory cards:

1. Insert memory card into appropriate PC card adapter. Then, fully insert the adapter into the PC card slot. (Figure 1.B)

2. Power on MindStor with battery or AC power. The screen will show a flashing light bulb, signifying the memory card is being recognized. (Figure 4.B)

> **IMPORTANT!** Always take special care with the adapter when inserting and removing your memory card. Never force-fit the media or the adapter. Do not insert card bus, PC (PCMCIA) modems, ethernet cards, FireWire or game cards.

Figure 4.B

PC CARD INSERTED

MindStor™   PSS-1810
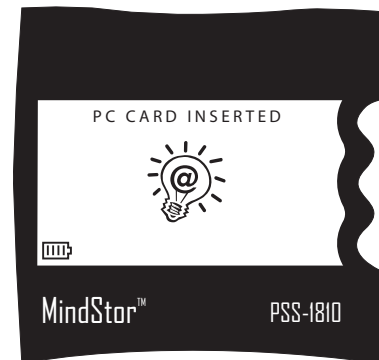
3.	Highlight "Download Content" (Figure 4.A) and press the Select button. MindStor will begin to download the entire contents of the memory card. The status screen will indicate the download time remaining. (Figure 4.C) You have the option to press any key to stop download. If you stop the download process, the display will prompt you to confirm if you want to abort the process. Pressing Select will abort and pressing the Up or Down button will continue the download. (Figure 4.D)

> ***ERROR READING!*** If MindStor determines that a file on the memory card cannot be copied, you will be notified of the specific file and prompted whether to skip the file and continue download (press Select for yes) or to abort the download process (press Up or Down for no).

4.	Once download is complete, MindStor will perform an automatic verification that the files have been transferred. (Figure 4.E)

Figure 4.C

DOWNLOADING...

18

PRESS A KEY TO STOP

MindStor™   PSS-1810

Figure 4.D

ABORT PROCESS ?

PUSH SELECT FOR YES

PUSH UP/DOWN FOR NO

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Figure 4.E

VERIFYING...

@

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5. When verification has completed, MindStor will display the folder name of the downloaded content, the folder size and the status of the operation. All sets of files downloaded from the memory card to MindStor are stored on MindStor as numbered folders, starting with MS000001.(Figure 4.F) *If the download failed, the screen will say "Download Error!" instead of "Successful".* Press a key to exit the "Download Error" screen. The display will show a blinking "Cleaning!" message, which signifies your MindStor is erasing off any files you were trying to download off the memory card before the error occured. You may want to re-attempt the download or try downloading the files or folders (e.g. "DCIM") individually. See Display PC Card.

6. Press any key to exit.

7. To eject the PC card adapter, push down on the eject button.

Figure 4.F

Folder C:\MS000003

18 MB

SUCCESSFUL

PRESS A KEY TO EXIT

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IMPORTANT! When data is downloaded from memory card to MindStor, the data still remains on the memory card as well. To delete data from the memory card, please refer to the section covering the "Manage Media" function or delete data via the orginal input device (e.g., a digital camera), using the device's delete function. We recommend formatting of the card upon completion of download to MindStor.

IMPORTANT! If upon turning on MindStor, you receive the reminder message "Bad Last Download", it is possible that the last download failed, either due to:

1) Low battery shut down the unit

2) Auto shutoff delay (See Customize Menu section) powered off the unit before the user acknowledged the failed last download.

You may want to re-attempt the download or try downloading the files or folders (e.g. "DCIM") individually. See Display PC Card.
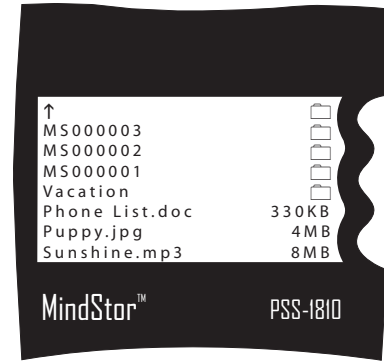
Display Hard Disk

Figure 4.G

The "Display Hard Disk" function lets you explore the contents of the hard drive, using the up and down navigation buttons.

Highlight and select "Display Hard Disk". (Figure 4.A)   A directory of folders and files will be displayed (Figure 4.G) in the following sorting order: 1. "MS######" folders listed in descending order, 2. Remaining folders alphabetically listed, 3. Files alphabetically listed.

When a folder or file is highlighted, the selection begins to scroll left. A highlighted folder will show the complete folder name, a folder icon and the date created. The date of the folder is created based on the date of the most current file it contains. A highlighted file will show the complete file name, the file size and the date of the file.


```
↑                        🗀
MS000003                 🗀
MS000002                 🗀
MS000001                 🗀
Vacation                 🗀
Phone List.doc       330KB
Puppy.jpg              4MB
Sunshine.mp3           8MB

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```

WORKING WITH FOLDERS

Figure 4.H
Figure 4.I

When you select a folder, the following option menu will appear. (Figure 4.H)

Open Folder—Selecting this option will display the contents of the folder. To navigate back up a level in the directory, select the Up Arrow icon ↑.

Show Information—When this option is selected, MindStor will display the folder properties: name of the folder, number of folders contained within, number of files contained within, and the folder size. (Figure 4.I)

```
      OPEN FOLDER
   SHOW INFORMATION
   UPLOAD TO CARD
       DELETE
        EXIT


MindStor™          PSS-1810
```

```
      C:\MS000001

       2 Folders
       72 Files
       244 MB

   PRESS A KEY TO EXIT

MindStor™          PSS-1810
```

Upload to Card—Uploads entire contents of folder to memory card. If a PC card adapter with memory card is already inserted into MindStor, the screen will verify that sufficient storage space is available and then prompt you to confirm the upload process or cancel. (Figure 4.J) If there is no PC card adapter inserted, the screen will prompt you to do so first.

When a folder of the same name exists on the memory card, MindStor will prompt you to confirm "Override" or not. Push select to "Override" the existing folder, or Up/Down for no.

Delete—Deletes entire folder and contents.

Exit—Takes you back to the previous file directory.

WORKING WITH FILES

When you select a file from the directory, the following option menu will appear. (Figure 4.K)

Open File—Select this option to open text files for viewing. All other files will display a blank screen.

Upload to Card—Uploads file to memory card. If a PC card adapter with memory card is already inserted into MindStor, the screen will verify that sufficient storage space is available and then prompt you to confirm the upload process or cancel. If there is no PC card adapter inserted, the screen will prompt you to do so first.

When a file of the same name exists on the memory card, MindStor will prompt you to confirm "Override" or not. Push select to "Override" the existing file, or Up/Down for no.

Delete—Deletes file.

Exit—Takes you back to the previous file directory.

Figure 4.J

Upload C:\VACATION?

PUSH SELECT FOR YES

PUSH UP/DOWN FOR NO

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Figure 4.K

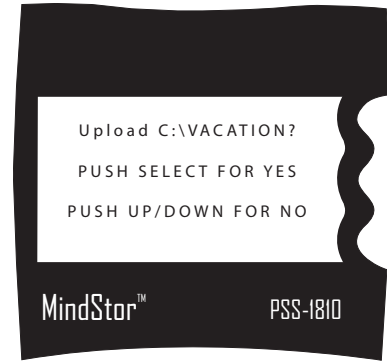OPEN FILE
UPLOAD TO CARD
DELETE
EXIT

MindStor™   PSS-1810

Display PC Card

The "Display PC Card" function lets you explore the contents of an inserted memory card, using the up and down navigation buttons.

Highlight and select "Display PC Card". (Figure 4.A) A directory of folders and files will be displayed (Figure 4.L) in the following sorting order: 1. "MS######" folders listed in descending order, 2. Remaining folders alphabetically listed, 3. Files alphabetically listed.

When a folder or file is highlighted, the selection begins to scroll. A highlighted folder will show the complete folder name, a folder icon and the date created. A highlighted file will show the complete file name, file size and file date.

WORKING WITH FOLDERS

When you select a folder, the following option menu will appear. (Figure 4.M)

Open Folder—Selecting this option will display the contents of the folder. To navigate back up a level in the directory, select the Up Arrow icon ↑.

Show Information—When this option is selected, MindStor will display the folder properties: name of the folder, number of folders contained within, number of files contained within, and the folder size.

Download to Disk—Uploads entire contents of folder to hard drive. The screen will prompt you to confirm download process or cancel.

When a folder of the same name exists on the memory card, MindStor will prompt you to confirm "Override" or not. Push select to "Override" the existing folder, or Up/Down for no.
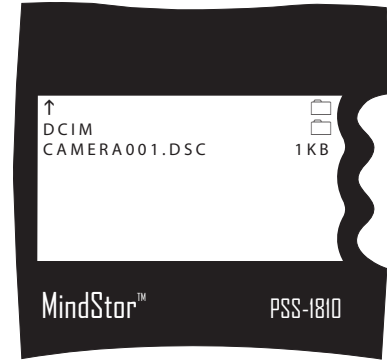
Delete—Deletes entire folder and contents.

Exit—Takes you back to the Main Menu.

WORKING WITH FILES

When you select a file, the following option menu will appear. (Figure 4.N)

Open File—Select this option to open text files for viewing. All other files will display a blank screen.

Download to Disk—Uploads file to hard drive. The screen will prompt you to confirm download process or cancel.

When a file of the same name exists on the memory card, MindStor will prompt you to confirm "Override" or not. Push select to "Override" the existing file, or Up/Down for no.

Delete—Deletes file.

> **NOTE:** Some digital cameras use index files to keep track of the number of pictures contained in the memory card (Example: Figure 4.L, "CAMERA001.DSC"). If you have deleted any image files on the memory card, delete the index file before reinserting the memory card into your digital camera. Please refer to your digital camera owner's manual for more information on the index file.

Exit—Takes you back to the Main Menu.

Manage Media

MindStor is capable of determining free space available on your hard drive and memory media. You can also delete the entire contents of your memory media from this menu.

Highlight and select "Manage Media". (Figure 4.A) The following option menu will appear. (Figure 4.O)

Check Disk Space—After selecting this option, your MindStor will check the amount of free space available on the hard drive. (Figure 4.P) The results will show as a percentage available and as MB available. (Figure 4.Q)

Check PC Card Space—After selecting this option, MindStor will check the amount of free space available on the memory media inserted. If there is no memory media inserted, the screen will prompt you to do so. The results will show as a percentage available and as MB available.

Erase PC Card—This option will delete the entire contents of the memory card that is currently inserted. The screen will prompt you to confirm the delete process or cancel. Once the files are deleted, they cannot be recovered at a later date.

Exit—Takes you back to the Main Menu.

Figure 4.O

```
CHECK DISK SPACE
CHECK PC CARD SPACE
ERASE PC CARD
EXIT
```
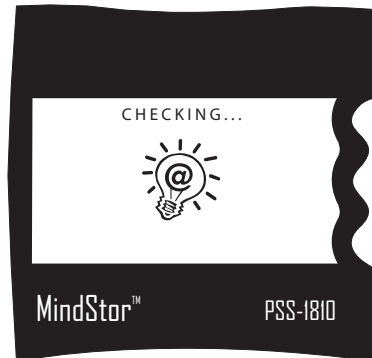
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Figure 4.P

```
CHECKING...
```

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Figure 4.Q

```
88% FREE

8506 MB

PRESS A KEY TO EXIT
```

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Customize Menu

The "Customize" Menu gives you added versatility, security and status information about your MindStor.

Highlight and select "Customize". (Figure 4.A) The following option menu will appear. (Figure 4.R)

SET CONTRAST

Sets the contrast of the backlit LCD screen.

1. Highlight and select "Set Contrast".

2. A new option menu will be displayed. Using the Up/Down and Select buttons, increase or decrease the contrast until you are satisfied with the display. (Figure 4.S)

3. Highlight and select "Exit" to return to the "Customize" Menu.

Figure 4.R


```
SET CONTRAST
SHUTOFF DELAY
CHOOSE LANGUAGE
SET/CLEAR PASSWORD
VERSION
EXIT
```

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Figure 4.S


```
INCREASE CONTRAST
DECREASE CONTRAST
EXIT
```

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SHUTOFF DELAY

You may designate your preferred auto shutoff delay time with this menu option. The default shutoff delay is set at 3 minutes. This means that after 3 minutes of inactivity, your MindStor will automatically shut off. This feature helps to preserve your battery life.

IMPORTANT! The auto shutoff delay feature is not activated when MindStor is connected to AC power or FireWire.

Figure 4.T

AUTO SHUTOFF

3 minutes

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1. Highlight and select "Shutoff Delay".
2. The display will read "Auto Shutoff, 3 minutes". (Figure 4.T) Using the Up/Down buttons, select your preferred auto shutoff delay time. You may also select to disable the auto shutoff delay by decreasing the value below "30 seconds" to read "Disabled".

> **NOTE:** When auto shutoff delay is disabled, MindStor will remain on until the unit is manually turned off or the battery is dead. If the battery is dead, it will then need to be recharged.

3. To exit, press the Select button and you will be returned to the "Customize" Menu.

CHOOSE LANGUAGE

You may choose to have the LCD display text of another language. Currently, English, German, Italian, Spanish and French are available. Periodically check www.mindsatwork.net for additional language updates.

1. Highlight and select "Choose Language".

2. Scroll up and down to highlight your desired language. (Figure 4.U)

3. Press the Select button and you will be returned to the "Customize" Menu.

NOTE: If the unit is set to a language other than your preferred language:

> 1. Shut the unit off and then Power it on again.

> 2. When the Main Menu appears, press the up button once to reach the "Customize" option. Press the Select button.

> 3. Use the Up/Down buttons to highlight your preferred language and then press Select.

SET/CLEAR PASSWORD

When set, this security feature keeps your data safe from others.

*IMPORTANT! When set, the password is active immediately. The next time you power on MindStor, you will be required to enter the new password. You may clear and change your password at any time, once you gain access to MindStor with the password.
DO NOT FORGET YOUR PASSWORD.*

Setting Initial Password / Changing Password

1. Highlight and select "Set/Clear Password".

2. You will be prompted with the Password Menu. (Figure 4.V) Highlight and select "Change Password".

3. In the next screen, you will be prompted to enter four digits. (Figure 4.W) Using the Up/Down buttons, choose the first number desired in your password. Then press the Select button.

4. Repeat Step 3 for the next three digits. After the last digit is selected, you will be returned to the "Customize" Menu.

NOTE: When password has been set, upon powering on MindStor you will be prompted to enter the password. Without the password, the functions, menus and file directory cannot be accessed.

Figure 4.V

CLEAR PASSWORD
CHANGE PASSWORD
EXIT

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Figure 4.W

ENTER PASSWORD

0 _ _ _

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Clear Password—To clear a password that has been set:

1. Highlight and select "Set/Clear Password". You will be prompted with the Password Menu. (Figure 4.V)

2. Highlight and select "Clear Password". The password will be cleared and you will be returned to the "Customize" Menu.

FORGOTTEN PASSWORD If you have forgotten your password and are locked out from accessing your data, call Minds@Work technical support to obtain a solution password to unlock your MindStor. Please have your MindStor serial number handy before calling.

VERSION

Upon selecting Version from the "Customize" Menu, the display will show you what version of firmware your MindStor is running. (Figure 4.X) Please check www.mindsatwork.net for new firmware upgrades that can be easily downloaded to MindStor.

Figure 4.X

MINDS@WORK
COPYRIGHT 2001
VERSION 2.00
ENGLISH 1.00

PRESS A KEY TO EXIT

MindStor™   PSS-1810

UPDATING MINDSTOR FIRMWARE

We are always adding new features and enhancements to MindStor. Check www.mindsatwork.net periodically for new firmware updates.

1. Connect MindStor to your computer and power on with AC Adapter.

2. Visit http://www.mindsatwork.net/msdownloads.htm.

3. Download the firmware update to your MindStor hard disk. The file name will be MAW.M$S. **Do not place this file in any folder.** If your computer prompts you to confirm whether or not to replace the existing file, select "Yes".

4. Eject the MindStor drive and disconnect the USB/FireWire cable. In the Main Menu, select "Check Hard Disk" to check that the file "MAW.M$S" is in the directory.

5. Disconnect the AC Adapter and completely Power off the unit. **This order of operations must be followed exactly in order for the update to take effect.**

6. Plug the AC Adapter back in. **(This operation must be done under AC Power.)** Be sure the USB or FireWire cable is not connected to MindStor. The Minds@Work Logo will appear, followed by the MindStor logo. The unit will show these two screens twice, signifying the update is taking place.

7. When the Main Menu appears, scroll down to "CUSTOMIZE" and press Select. (Figure 4.A)

8. In the next menu, scroll down to "VERSION" and press Select. (Figure 4.X) Check the version number to verify that your firmware was updated with the latest version. You have completed the update.

NOTE: If the update was successful, your hard disk directory will no longer show the file MAW$.M$S.

SUPPORT

Technical Support

MindStor technical support is available:

> Monday - Friday   8:00 a.m. - 5:00 p.m. PST

Service is not available on Saturdays, Sundays and six legally observed United States holidays:

New Year's Day	Independence Day	Thanksgiving Day
Memorial Day	Labor Day	Christmas Day

For toll free technical support within the United States, call: 866-269-0655

For technical support outside of the United States, call: 949-330-3453

Or e-mail us at: technicalsupport@mindsatwork.net

After Sale and Replacement Parts

MindStor provides easy sourcing for several after sale products and replacement parts. Contact Minds@Work at 800-459-5799 or visit our Web site, www.mindsatwork.net. You may write us at 15550 Rockfield Boulevard, Suite C, Irvine, CA 92618. Also go to www.mindsgear.com to purchase after market products, replacement parts and accessories. Contact us today for pricing and availability on:

Camera Memory Media / PCMCIA Card Adapter	USB Cable / Connector
AC Adapter / Battery Recharger	FireWire Cable / Connector
NiMH Rechargeable Battery Pack	MindStor Carrying Case

RMA Procedures

For replacement or return, contact Minds@Work at www.mindsatwork.net. Or contact technical support at 866-269-0655 within the United States and 949-330-3453 internationally to obtain a RMA (Return Merchandise Authorization) number. No product will be accepted without a valid RMA number.

Technical Specifications

Processor	RISC Processor
Storage	Available in 10GB, 20GB and 30GB models
Status Display	Backlit monochrome matrix LCD (no picture preview)
Power	100-240V (50-60Hz) Worldwide AC Adapter
Batteries	Rechargeable and replaceable NiMH Batteries
Battery Life	500 recharge cycles
Operating Life	100 minutes average use
Operating Temp	30˚ - 104˚F, 0˚ - 40˚C
Recharging	3-hour recharge time. Recharging occurs via AC adapter connection to Carry Dock and MindStor. Batteries have no memory retention.
OS Support	Windows XP, Windows 2000, Windows ME, Windows 98SE and Mac 9.0+
Interface	USB 1.1 (4-pin), FireWire (IEEE 1394, 4-pin & 6-pin)

Data Transfer	Average 600-800 KB/sec. (USB) and 18MB/sec. (FireWire)
Rotational Speed	4200rpm
Seek Time	Track-to-track 3ms, Average 13ms, Maximum 25ms
Average Latency	7.14ms
Buffer	512KB
MTTF (Power on Hours)	300,000
Operating Voltage	5V low self discharge rate
Worldwide AC Adapter	Input: 100-240V~50-60Hz
	Output: 9.6V 1100mA Class II Transformer UL Approved

Camera Memory Card Compatibility

CompactFlash	IBM Microdrive
SmartMedia	Sony Memory Stick
MultiMedia Card	Panasonic SD Memory Card

Physical and Environmental Specs

Dimensions	5.6" x 3.0" x 1.2" 142.2mm x 76.2mm x 30.5mm
Weight	11.5 oz. (345 gms.) with batteries
Ambient Temperature	Operating: 32° - 120°F, 0° - 50°C Non-operating: 15° - 140°F, -10° - 60°C
Humidity	80% RH Noncondensing
Vibration and Shock	Operating Vibration: 1.0G Operating Shock: 150G Non-operating Shock: 700G
Altitude	10,000 feet (3,048 meters)

FCC and CE approved for home and office use.

All software and hardware products and specifications are subject to change without notice. For current availability, contact www.mindsatwork.net.

Limited One Year Warranty

Limited Warranty. Minds@Work warranties the software and hardware products furnished herewith to be free from defects in materials and workmanship under normal use for the period of one year from the date of delivery to you, as evidenced by your receipt. This warranty is imited to the original purchaser and is not transferable.

Extended Warranty. To acquire an extended warranty, contact Minds@Work regarding fees, terms and conditions at www.mindsatwork.net. Or write to Minds@Work at 15550 Rockfield Boulevard Suite C, Irvine, CA, 92618.

Customer Remedies. Minds@Work's entire liability and your exclusive remedy shall be, at Minds@Work's options, either (a) return of the price paid, or (b) repair or replacement of the software or hardware that does not meet Minds@Work's Limited Warranty, and which is returned to Minds@Work with your original receipt. This Limited Warranty is void if failure of the software or hardware has resulted from accident, abuse or misapplication. Any replacement software or hardware will be warranted for the remainder of the original warranty period or 30 days, whichever is longer.

No Other Warranty. Minds@Work disclaims all other warranties, either expressed or implied, including, but not limited to: implied warranties or merchantability and fitness for a particular purpose, with respect to the software, hardware and any accompanying written materials.

No Liability or Consequential Damages. In no event shall Minds@Work or its suppliers be liable for any damages whatsoever (including, without limitation, damages for loss of business profits, business interruption or other data loss) arising out of, or through an inability to use this Minds@Work product, even if Minds@Work has been advised of the possibility of damage.

This agreement is governed by the laws of the United States of America. Visit www.mindsatwork.net/warranty.htm for information on varying warranty policies governing residents outside the United States.

Contact our Technical Support Hotline at: Toll-free in the United States 866-269-0655; International calls 949-330-3453.

For more information about this License Agreement, contact: Minds@Work's Web site at www.mindsatwork.net or write to Minds@Work at 15550 Rockfield Boulevard, Suite C, Irvine, CA 92618 to locate the MindStor dealer nearest you. Warranty coverage requires proof of purchase documentation evidencing the identity of the original purchaser and the purchase price (sales receipt or invoice).

License Agreements

Minds@Work Software License Agreements

PROOF OF LICENSE

Single User License
This is a legal agreement between you (either an individual or an entity), the User, and Minds@Work. Please review the following terms and conditions carefully before opening the disk packaging. By opening this disk package, you are agreeing to be bound by the terms of this agreement. If you do not agree to the terms of this agreement, promptly return the disk package and the accompanying items to the place from which you obtained them for a full refund.

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FCC Statement

Instructions to the User. 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.

In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

**The Portable
Smart Storage People™**

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Minds@Work, LLC
15550 Rockfield Blvd, Suite C
Irvine, CA 92618

Phone: 800-459-5799, 949-707-0600
Technical Support: 866-269-0655, 949-330-3453
Fax: 949-609-2880

E-mail: techsupport@mindsatwork.net

www.mindsatwork.net