Dazzle* ™

6 In 1 Reader

USER'S MANUAL

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USER'S MANUAL

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USER'S MANUAL

1

GETTING
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USER'S MANUAL

Introduction

Thank you for purchasing the Dazzle 6 In 1 Reader™.

The Dazzle 6 In 1 Reader is a USB card reader/writer compatible with CompactFlash™, IBM Microdrive™, SmartMedia™, Secure Digital™ / MultiMediaCard™, and Memory Stick™ for new Apple iMac™, iBook™, G3/G4, and PC compatible owners. The Dazzle 6 In 1 Reader is easy to use and provides transfer rates of up to 1.5MB/sec. With the Dazzle 6 In 1 Reader, audio and video files, cell phone databases, and more can now be shared easily between your digital devices (cameras, cell phones, MP3 players, etc. and your computer). Simply remove the digital media from your digital device and insert it into the 6 In 1 (connected to your PC or Mac) to transfer or view your digital data.

What's Included with the Dazzle 6 In 1 Reader

The Dazzle 6 In 1 Reader includes the following package contents:

- Dazzle 6 In 1 Reader
- Dazzle Installation CD (includes this User's Manual, driver software, and free OnDVD software for use with PC compatible computers).
- Quick-Start Guide (located on inside of insert card)
- Registration Card
- Warranty Certificate

System Requirements

PC Compatible:
- Desktop or laptop PC Compatible with an available USB port
- 200MHz or faster processor
- Windows® 98SE, 2000, Me, or XP
- CD-ROM Drive (for driver software and bonus software installation)
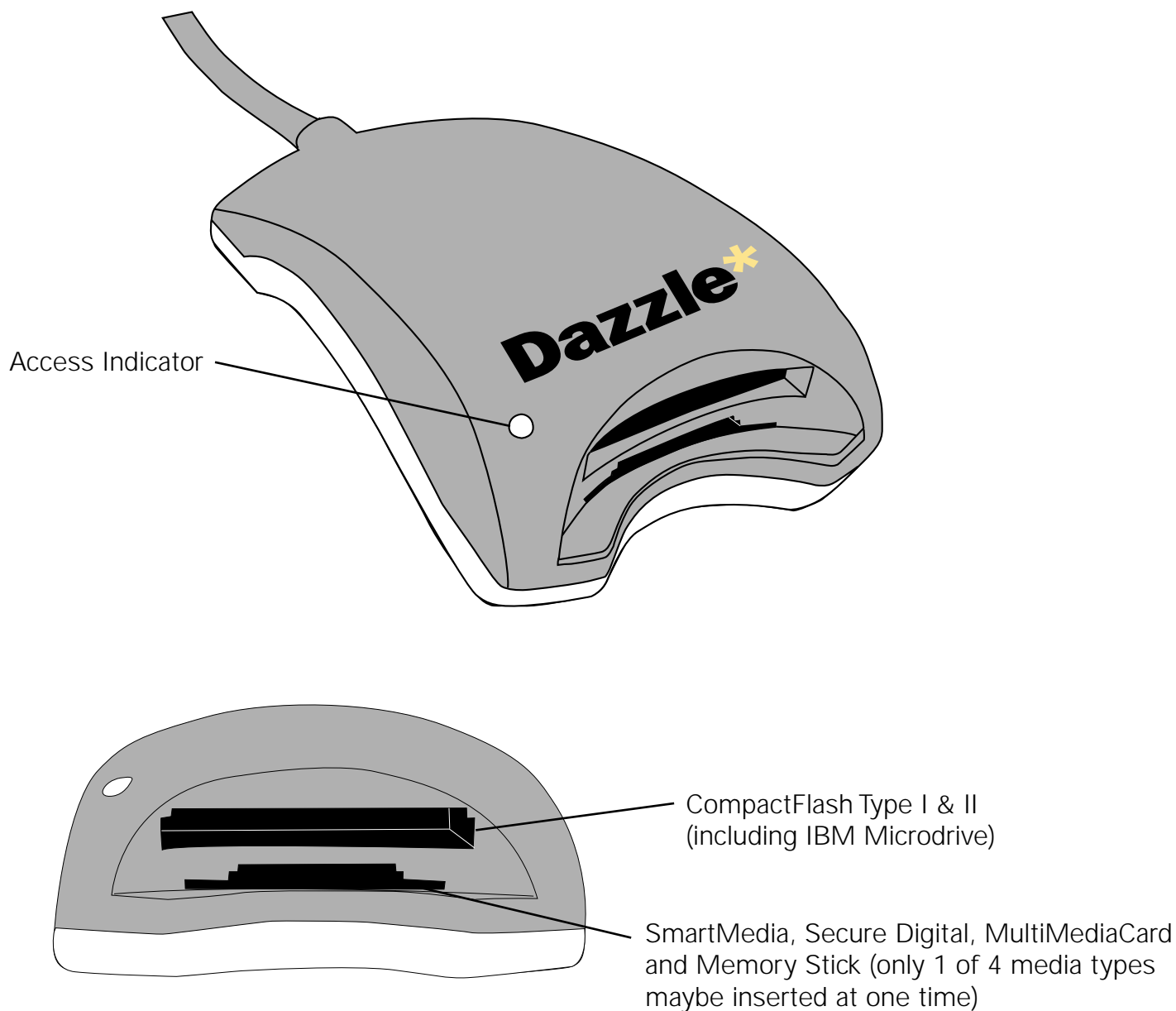- 1MB free disk space (32MB of disk space required for installation of OnDVD software)

Macintosh:
- G3 processor or faster (iMac, iBook, PowerBook, PowerMac G3 and G4)
- Available USB port
- Mac OS 9.x
- CD-ROM Drive (for software installation)
- 1MB free disk space

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Parts of the Dazzle 6 In 1 Reader

Access Indicator

CompactFlash Type I & II
(including IBM Microdrive)

SmartMedia, Secure Digital, MultiMediaCard
and Memory Stick (only 1 of 4 media types
maybe inserted at one time)

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Registering Your Dazzle 6 In 1 Reader

Thank you again for purchasing the Dazzle 6 In 1 Reader. In order for us to better serve you, we encourage you to register your card reader as soon as possible. There are several benefits to registering your card reader:

1. Registering your Dazzle 6 In 1 Reader entitles you to free periodic driver software updates when available.

2. Registering your Dazzle 6 In 1 Reader entitles you to technical support from Dazzle.

There are three options for you to register the Dazzle 6 In 1 Reader:

1. Register online at **http://www.Dazzle.com/support/prodreg.html** for instant registration.

2. Complete and mail the included Registration Card.

3. Complete and fax the included Registration Card to Customer Service at 800-483-5106.

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CONNECTING
to a Macintosh

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Installation Overview

The Dazzle 6 In 1 Reader is relatively easy to install and operate. To avoid complications during the installation process, please follow the steps in order as described in this chapter. Before connecting and using the card reader, you must first install the driver software located on the accompanying Dazzle Installation CD-ROM.

Installing the Driver Software

Driver Software Installation on Mac OS 9.x

1. Start your Macintosh computer running Mac OS 9.x and close all open applications.

2. Insert the Dazzle Installation CD-ROM.

3. Double-click on the **"6-In-1 Reader Drivers"** Installer Icon.

6-in-1 Reader Drivers

**4.** A splash screen will appear. Click "**Continue**."

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Continue

Dazzle*

5. A dialog box (similar to the illustration below) will appear advising that you may have to restart your computer after installing the software, click "**Yes**" to continue. Your Macintosh will then begin performing the installation and a status bar will appear displaying the progress of the installation.

> **NOTE:** The actual driver installation should take only a few seconds.
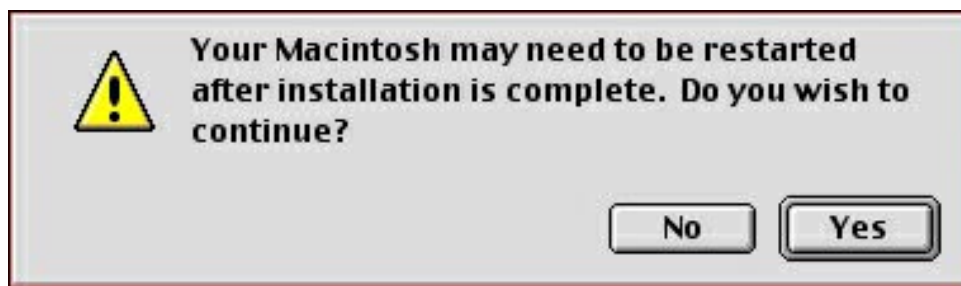
6. A final dialog box will appear advising that the software was successfully installed. Click "**Restart**."
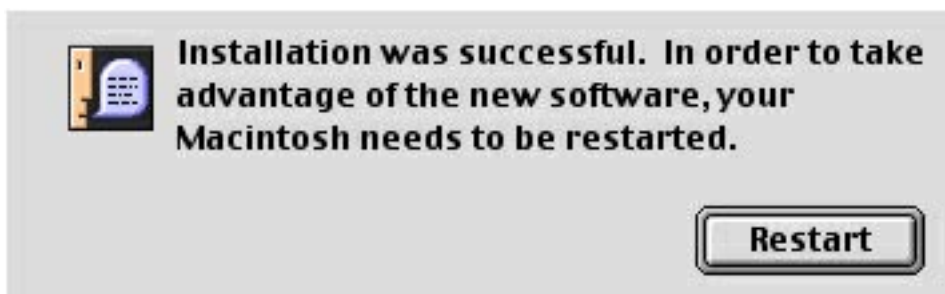
Congratulations! Driver installation is now complete. You may now connect the Dazzle 6 In 1 Reader to your computer after restarting. Proceed to the next page for instructions on connecting the Dazzle 6 In 1 Reader.
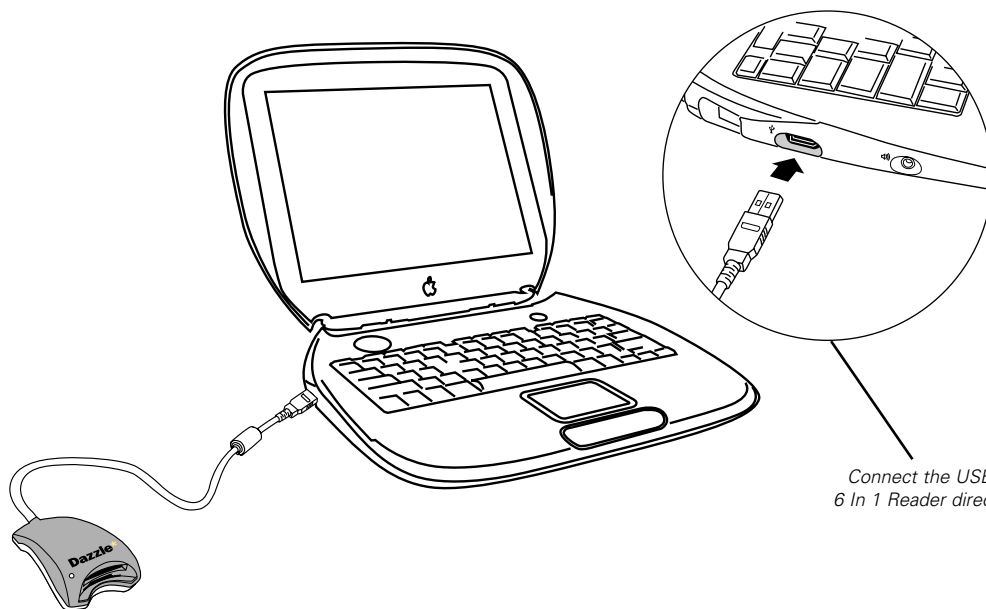
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Connecting to the USB Port

1. **Connect the USB connector of the Dazzle 6 In 1 Reader to the USB port of your Macintosh computer.**

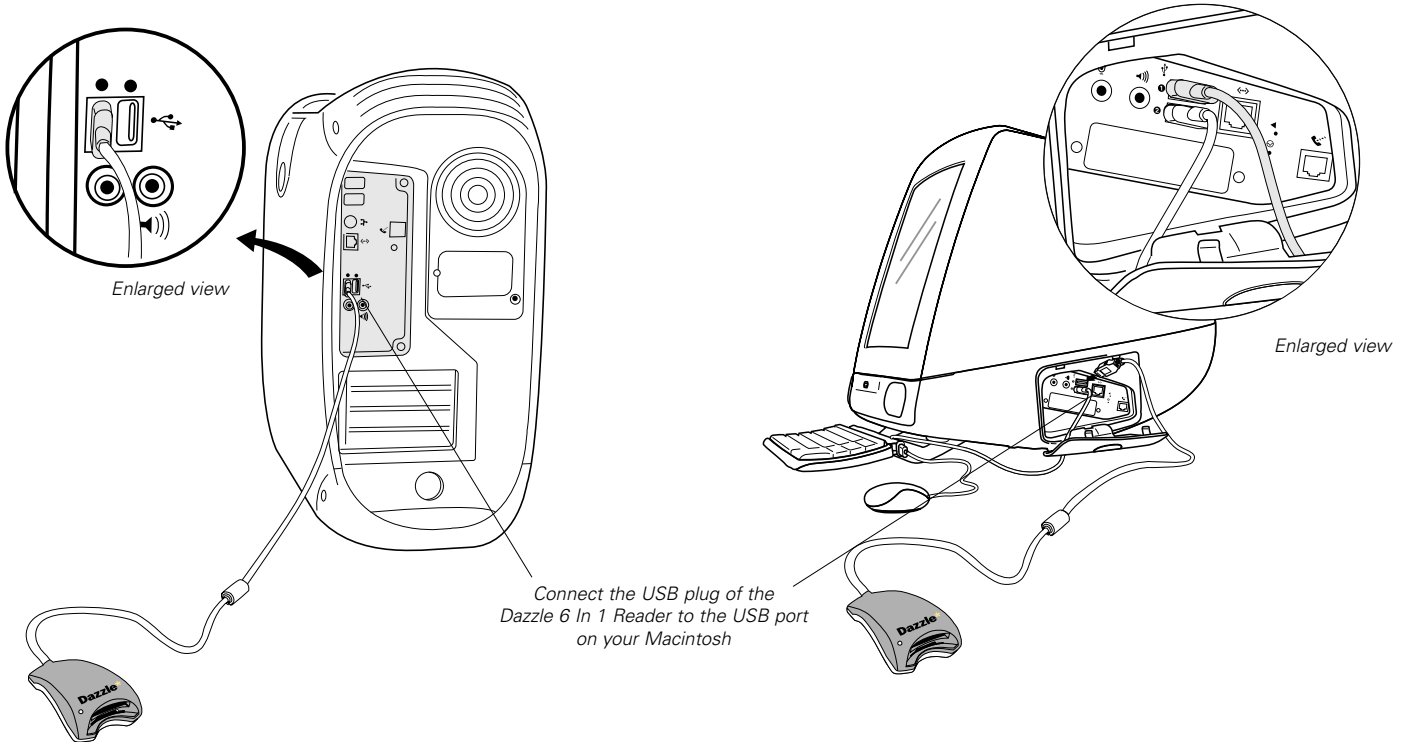   **NOTE:** The USB cable may be connected to the computer while the computer is running

2. **Make sure the cable ends are firmly connected.** Be careful not to confuse the upper and lower parts of the connector. Do not force connections, as this may damage the computer or the card reader.

   In the illustrations below and on the next page, the Dazzle 6 In 1 Reader connects directly to the USB port on your Macintosh. Your Dazzle card reader can also be connected to a USB hub - see page 12 for more information.

Connect the USB plug of the Dazzle 6 In 1 Reader directly to the USB port on your Macintosh.

Dazzle*

Enlarged view

Enlarged view

*Connect the USB plug of the
Dazzle 6 In 1 Reader to the USB port
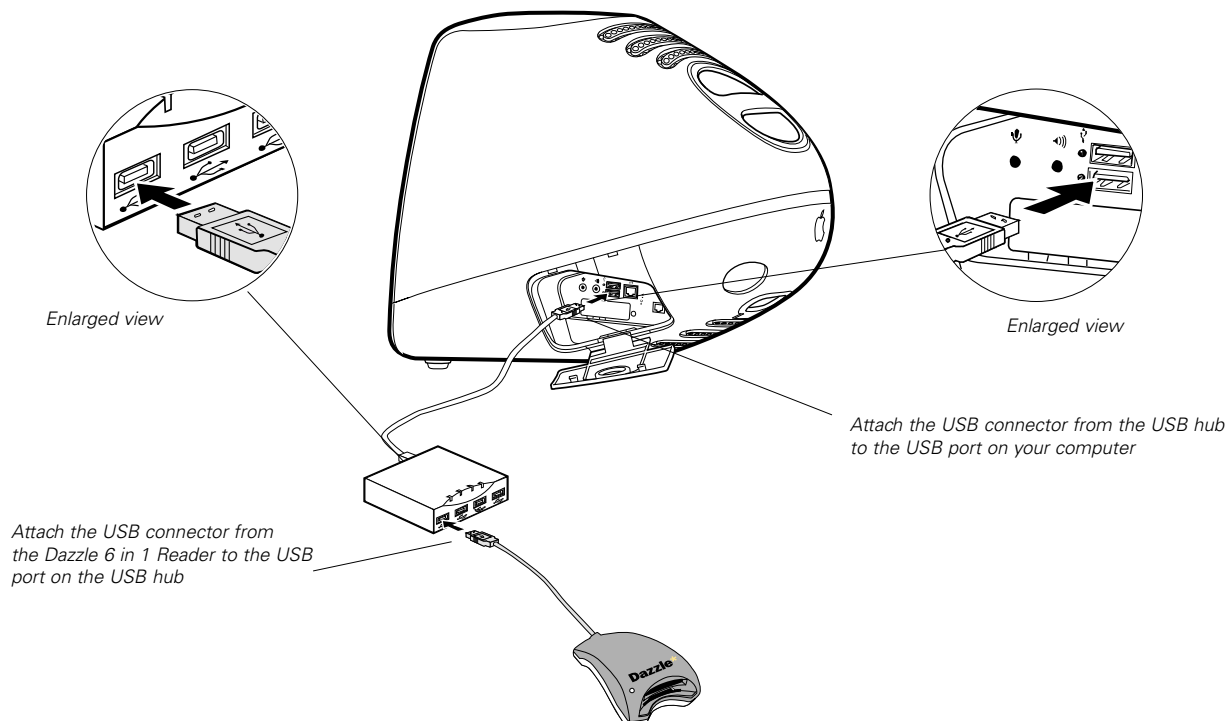on your Macintosh*

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Connecting to a USB Hub

NOTE: When using a Microdrive concurrent with another media, the reader becomes a high power device requiring direct connection to the host computer or self-powered hub.

1. **Connect the USB hub (purchased separately) to the USB port on your Macintosh.**

2. **Then connect the USB connector of the Dazzle card reader to a port on the USB hub.**

NOTE: The USB cable may be connected to the computer or USB hub while the computer is running.

IMPORTANT: *Make sure the cable ends are firmly connected. Be careful not to confuse the upper and lower parts of the connector. Do not force connections, as this may damage the computer or the card reader.*

Enlarged view

Enlarged view

Attach the USB connector from the USB hub to the USB port on your computer

Attach the USB connector from the Dazzle 6 in 1 Reader to the USB port on the USB hub

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USER'S MANUAL

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CONNECTING
to a PC Compatible

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Installing the Driver Software

The Dazzle 6 in 1 Reader is relatively easy to install and operate. To avoid complications during the installation process, please follow the steps in order as described in this chapter. Before connecting and using the card reader, you must first install the driver software located on the accompanying Dazzle Installation CD-ROM.

IMPORTANT NOTE: Verify that your operating system requires the installation of drivers prior to installing the driver software. Driver installation is not required for Windows Me and XP. Simply connect the card reader to your computer's USB port and access your media using the "Removable Disk" icons (drive letters will also be assigned) located in "My Computer". Driver installation is required for Windows 98 SE as well as Windows 2000. Users of Windows 98SE and 2000 proceed with Step 1.

NOTE: The screenshots below may vary slightly from those on your computer.

Installing the Driver Software and OnDVD Software on Windows 98SE and 2000

1. Before connecting the Dazzle 6 In 1 Reader, start your computer running Windows 98SE or Windows 2000. Please close any open applications. Insert the Dazzle Installation CD. The auto-run program will then launch the setup application. If the installer does not begin automatically, double-click on "***My Computer.***" Next double-click on the drive corresponding to your CD-ROM drive, and then double-click on the "***Setup.exe***" file to begin.

2. A menu will appear with several options. Select *"Install 6 In 1 Reader Drivers"* from the menu options.
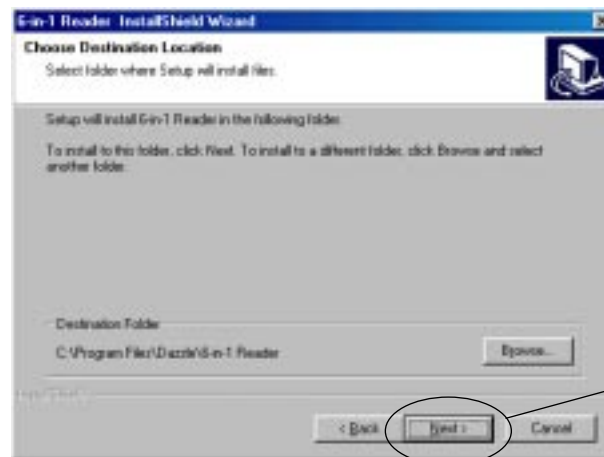

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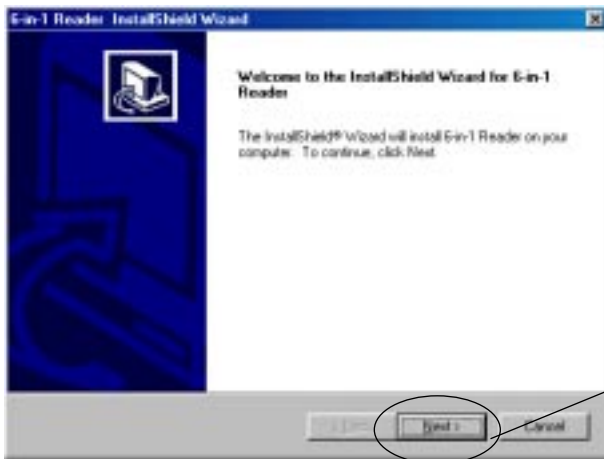
*Click **Next**.*

3. The "InstallShield Wizard for 6 In 1 Reader" welcome screen will greet you. Click **"Next"** to proceed
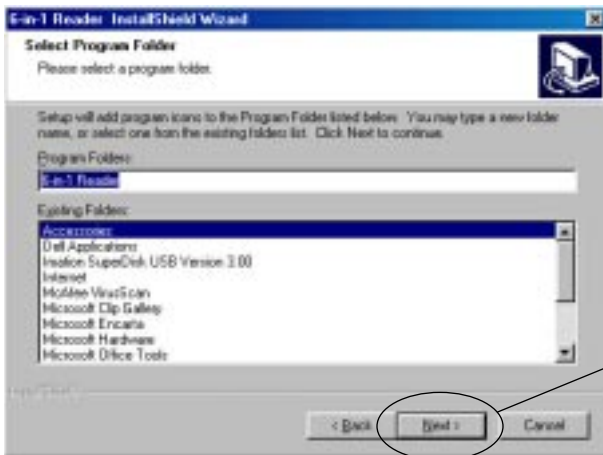

*Click **Yes**.*

4. Read the "License Agreement". To agree to the terms of the License Agreement and continue the installation click **"Yes"** as shown in the window on the left.
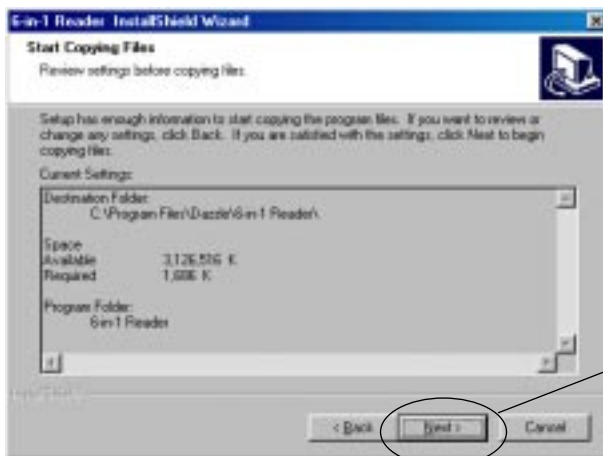

*Click **Next**.*

5. Click **"Next"** to install the drivers to the default location on your computer.
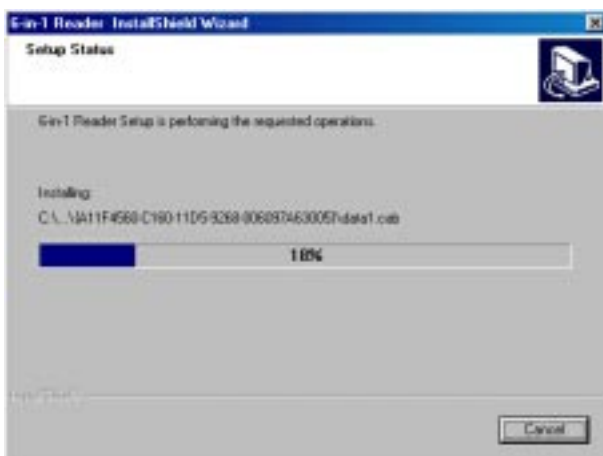
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6. Click **"Next"** to accept the default program folder that will be installed for your Dazzle 6 In 1 Reader.

*Click **Next**.*
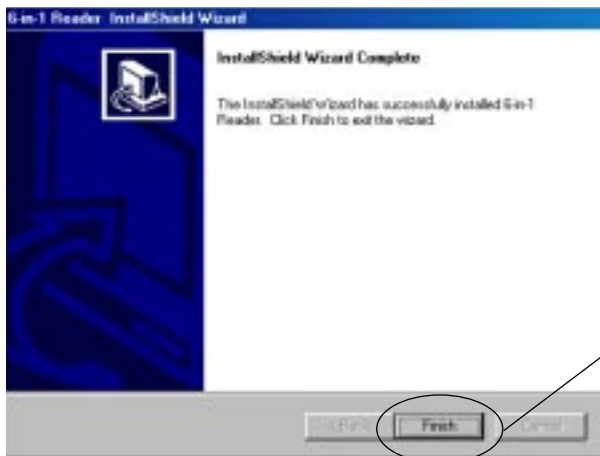
7. An overview of the installation will appear. Click **"Next"** to continue the installation.

*Click **Next**.*

8. You will then see a status window advising the progress of the current installation (as shown on left).

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Click "Finish"

9. A dialog box will appear asking if you would like to view the "ReadMe" file. To view the "ReadMe", click **"Next."** A window containing the ReadMe file will open. When finished viewing the file close the window. If you choose not to view the file, deselect the check box near "Yes I want to view the ReadMe file" and click **"Next."**

10. Click **"Finish"** to complete the driver software installation.

11. The "Install Dazzle OnDVD" splash screen will appear. To install the OnDVD software, click **"Install Dazzle OnDVD Software."** If you choose not to install the software, click **"EXIT",** and restart your computer. Refer to the sections "Connecting to a USB Port", or "Connecting to a USB Hub" respectively for information on connecting your 6 In 1 Reader to your computer.

NOTE: The OnDVD software may be installed at anytime by inserting the Dazzle Installation CD and selecting **"Install Dazzle OnDVD"** from the first menu.

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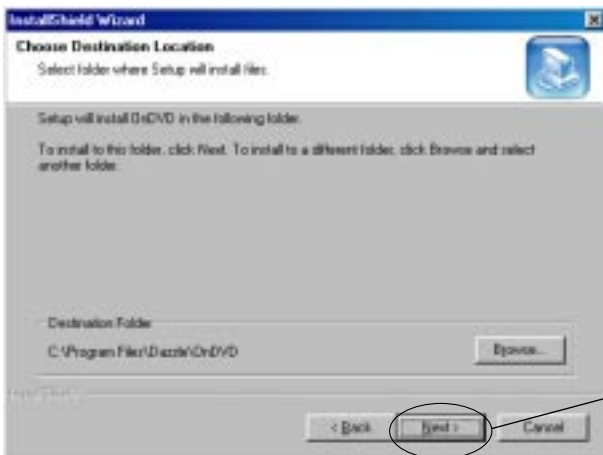**12.** At the OnDVD Welcome Screen, click *"Next"* to continue the installation.

*Click **Next**.*

13. Read the License Agreement. To agree to the terms of the License Agreement and continue with the OnDVD installation, click *"Yes"* as shown on left.

*Click **Yes***

14. Click *"Next"*, to install OnDVD to the default location on your computer.

*Click **Next**.*
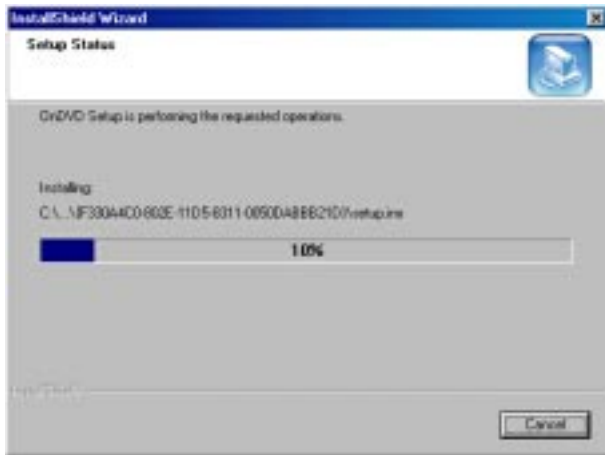
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15. OnDVD will begin the installation operation displaying a status box as shown on left.
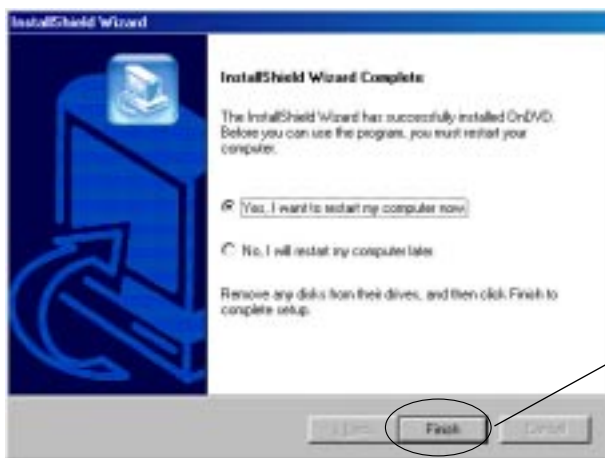
16. Click *"Finish"* to restart your computer.

*Click **Finish***

Congratulations! The installation is now complete. You may connect the Dazzle 6 In 1 Reader to your computer after restarting. Proceed to "Connecting to a USB Port", or, "Connecting to a USB Hub" respectively for information on connecting your 6 In 1 reader.

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Installing OnDVD on Windows Me and XP:

1. Insert the Dazzle Installation CD and close any open applications.

2. A menu will appear with several options. Select **"Install Dazzle OnDVD"** from the menu to begin the installation.

3. At the OnDVD Welcome screen, click **"Next"** to continue the installation.
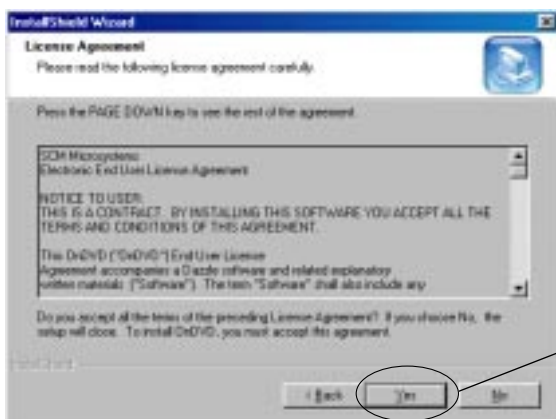
*Click **Next***

4. Read the License Agreement. To agree to the terms of the License Agreement and continue with the OnDVD installation, click **"Yes"** as shown on left.

*Click **Yes***

Dazzle*
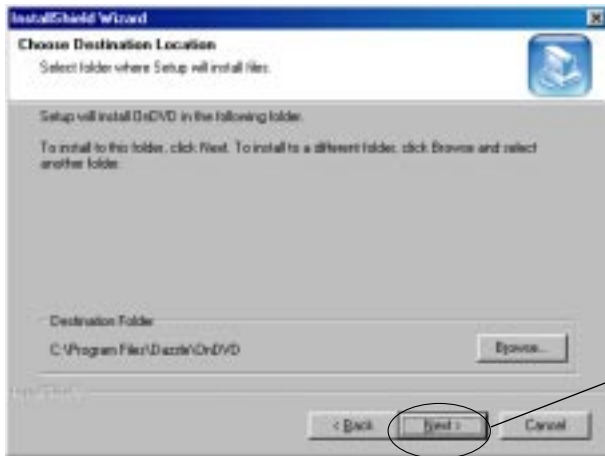
5. Click *"Next"* to install OnDVD into the default location of your computer.

Click Next
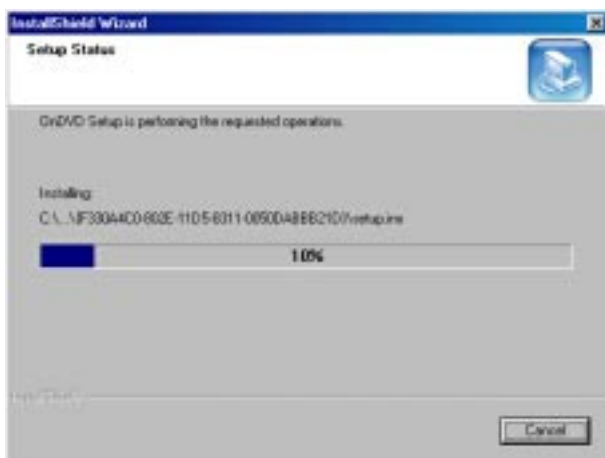
6. OnDVD will begin the installation operation displaying a status box as shown on left.

7. Click *"Finish"* to complete the OnDVD installation and restart your computer.

Congratulations! The Dazzle OnDVD software installation is now complete.

Click Finish

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Connecting to the USB Port

1. **Connect the USB connector of the Dazzle 6 In 1 Reader to the USB port on your computer.**

   NOTE: The USB cable may be connected to the computer while the computer is running.

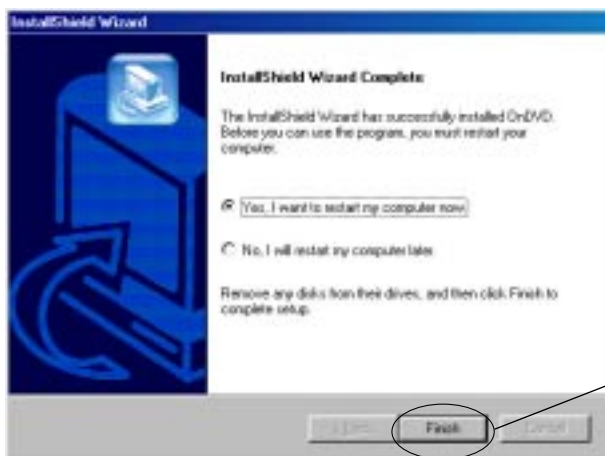**2.** **Make sure the cable ends are firmly connected.** Be careful not to confuse the upper and lower parts of the connector. Do not force connections, as this may damage the computer or the card reader.

   In the illustration below, the Dazzle card reader connects directly to the USB port on your PC compatible computer. Your Dazzle card reader can also be conected to a USB hub - see next page for more information.
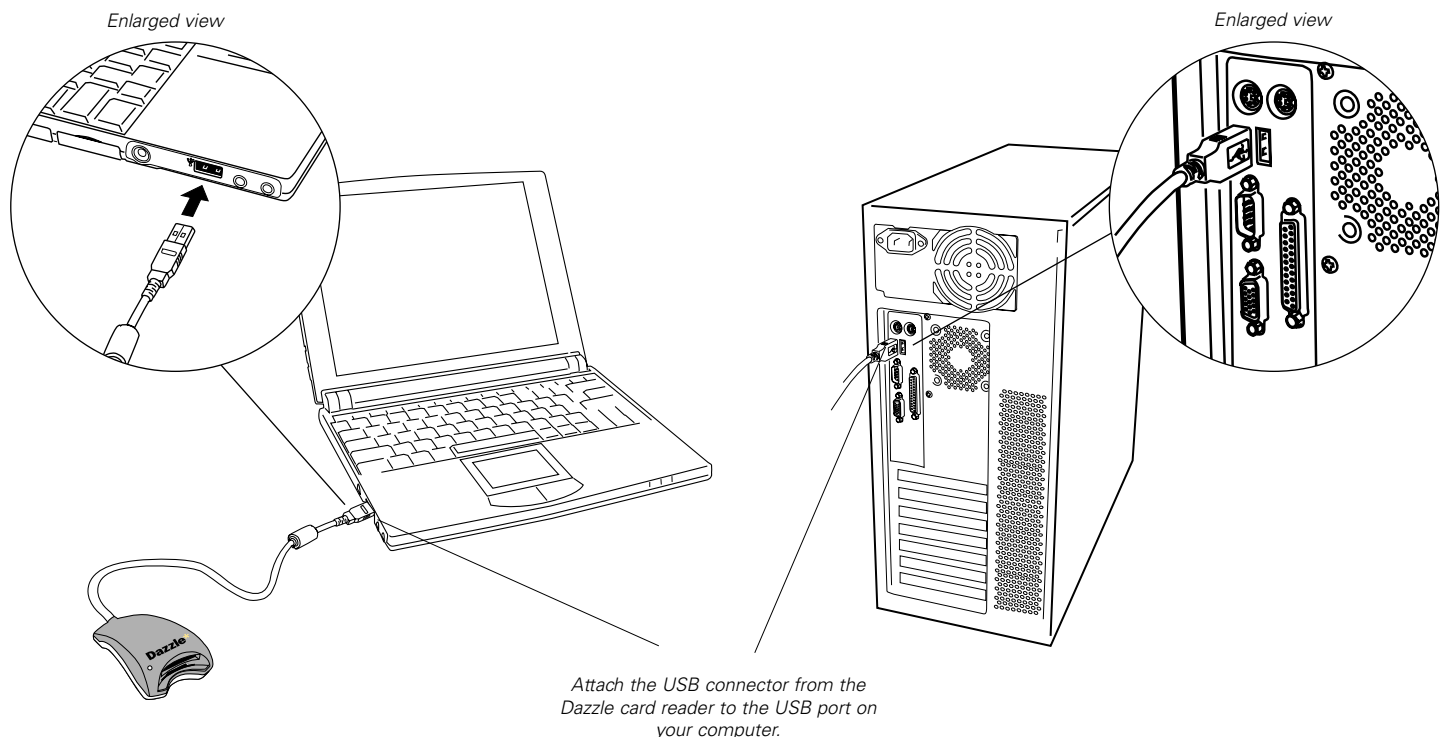
Enlarged view

Enlarged view

Attach the USB connector from the Dazzle card reader to the USB port on your computer.

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Connecting to a USB Hub

NOTE: When using a Microdrive concurrent with another media, the reader becomes a high power device requiring direct connection to the host computer or self-powered hub.

1. **Connect the USB hub (purchased separately) to your computer's USB port.**

2. **Then connect the USB connector of the card reader to a port on the USB hub.**

NOTE: The USB cable may be connected to the computer or USB hub while the computer is running.

IMPORTANT: *Make sure the cable ends are firmly connected. Be careful not to confuse the upper and lower parts of the connector. Do not force connections, as this may damage the computer or the Dazzle card reader.*

Enlarged view

Enlarged view

Attach the USB connector from the USB hub to the USB port on your computer

Attach the USB connector from the Dazzle 6 In 1 Reader to the USB port on the USB hub

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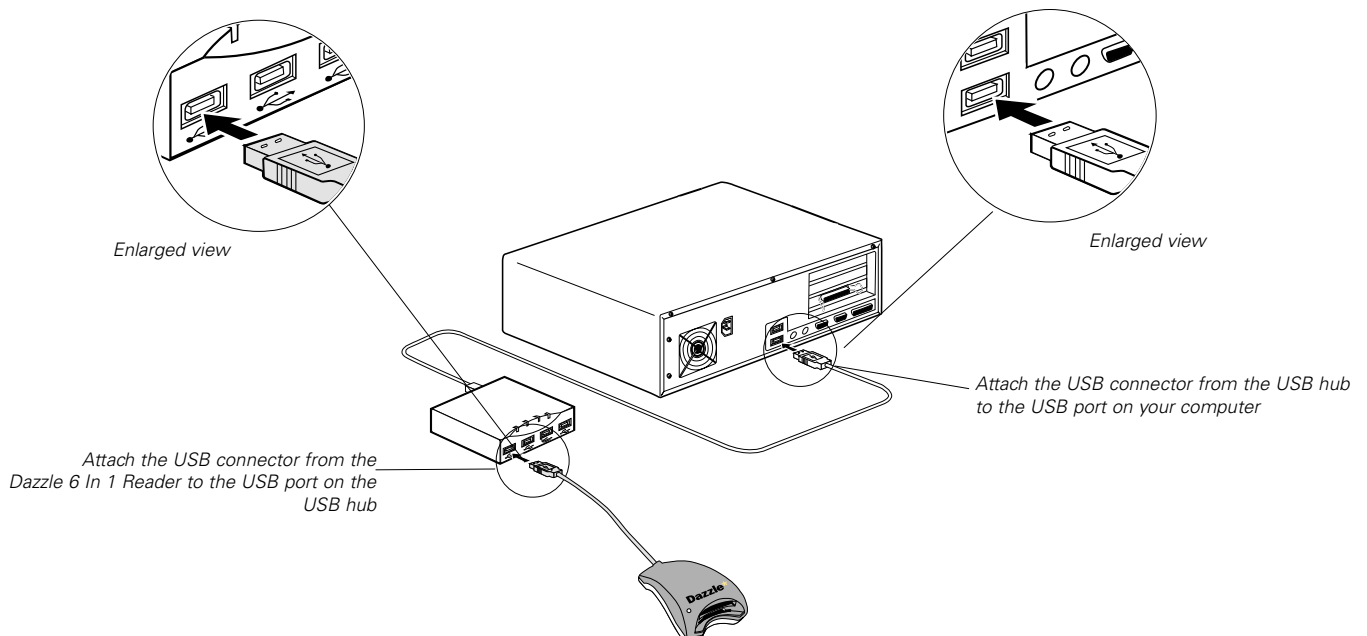
4

HOW TO USE
the Dazzle 6 In 1 Reader

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USER'S MANUAL

This section describes the operation relating to the Dazzle 6 In 1 Reader and digital media cards. To avoid complications while attempting to use your Dazzle card reader, Dazzle recommends reading this entire chapter. For installation information, refer to *"Chapter 2: Connecting to a Macintosh"* (page 7) or *"Chapter 3: Connecting to a PC Compatible"* (page 13).

Digital Media Card Compatibility

The Dazzle 6 In 1 Reader is a USB card reader/writer compatible with CompactFlash Type I & II, IBM Microdrive, SmartMedia, Secure Digital, MultiMediaCard, and Memory Stick digital media. Information regarding supported media types and capacities is detailed below:

> The Dazzle 6 In 1 Reader is compatible with:
>
> - SmartMedia cards in the 3.3 Volt SSFDC format only, in current capacities of up to 128MB
>
> - All current CompactFlash cards available on the market, as well as cards in the CF II and CF+Type II formats, such as the IBM Microdrive
>
> - Most brands of MultiMediaCard and Secure Digital formats
>
> - Memory Stick as well as MagicGate Memory Stick media
>
> **NOTE:** Secure mode of Sony MagicGate is not supported.
>
> ***IMPORTANT NOTE:*** *The lower media slot of the Dazzle 6 In 1 Reader was designed to accept SmartMedia, Secure Digital, MultiMediaCard, and Memory Stick. Only one of the four supported media types may be inserted at one time.*

Inserting a SmartMedia Card

1. Position the SmartMedia card in the direction as shown in the illustration on the next page.

2. Insert the card into the lower media slot with the gold contact facing down. **Gently** push the card in all the way until the card is fixed in place.

*WARNING: Be careful not to insert the SmartMedia card in the wrong direction. Be sure to insert the SmartMedia with the gold contacts facing down. If it is forced in, the card reader or the SmartMedia may be damaged, or data on the card may be lost or corrupted. If the computer is not recognizing the media, or if it does not fit correctly, re-orientate the media and try reinserting it.*

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Inserting a SmartMedia Card (continued)

Insert the SmartMedia card as shown below. The Dazzle 6 In 1 Reader can only accept 3.3V SmartMedia cards. Notice the notched corner of the SmartMedia card. The location of the notch for a 3.3V SmartMedia card will appear on the right-hand side when you are looking directly at the gold contacts from the top - refer to the illustration at the bottom of the page. Flip the card over and be sure to **insert the (3.3V) SmartMedia card with the gold contacts facing down** *(therefore the notch will now be located on the left when the gold contacts are face down).*
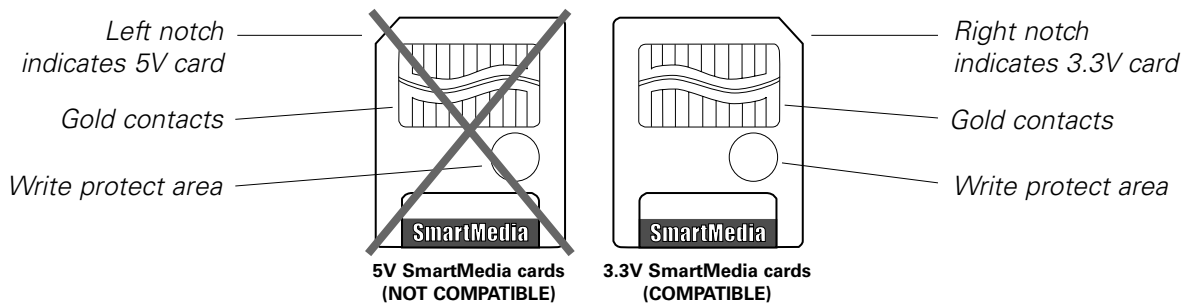
IMPORTANT NOTE: *5V SmartMedia cards are not supported with the Dazzle 6 In 1 Reader.*
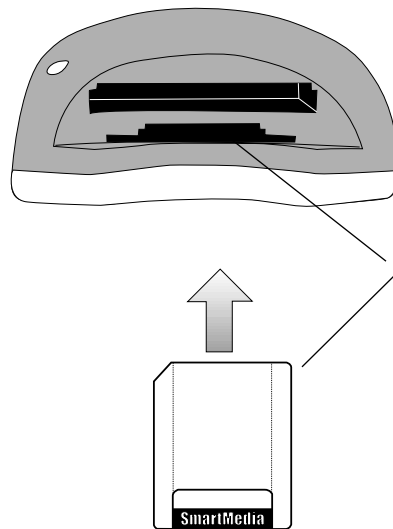
Insert card into lower slot with the notched corner inserted first and the gold contacts face down.

Note: *As shown on the left, you should not see the gold contacts or write protect area when inserting the card into the Dazzle card reader.*

SmartMedia Card Comparison *(view of cards from top)*

Left notch indicates 5V card

Gold contacts

Write protect area

5V SmartMedia cards (NOT COMPATIBLE)

Right notch indicates 3.3V card

Gold contacts

Write protect area

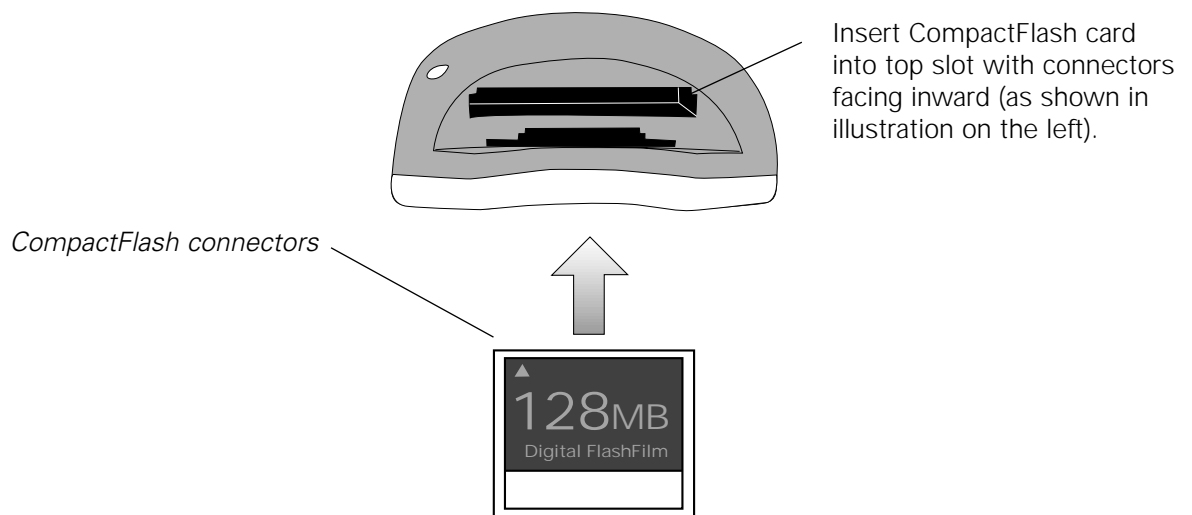**3.3V SmartMedia cards (COMPATIBLE)**

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Inserting a CompactFlash Card

NOTE: When using a Microdrive concurrent with another media, the reader becomes a high power device requiring direct connection to the host computer or self-powered hub.

1. Position the CompactFlash card in the direction as shown in the illustration below.

2. Insert the card into the top media slot being certain of the orientation - all leading manufacturers of CompactFlash cards adhere to a specification requiring a positive keying of the card. Gently push the card in all the way until the card is locked in place. The card will slide in on the molded rails and a slight amount of resistance will be felt as the connectors make contact. This is normal.

WARNING: Be careful not to insert the CompactFlash card in the wrong direction - be sure the connectors are facing inward and the card is not inserted upside down. If it is forced in, the card reader or CompactFlash card may be damaged or data on the card may be lost or corrupted.

IMPORTANT: If excessive force is required or the card just doesn't seem to fit, do not attempt to force the card in the reader, instead, contact Dazzle Technical Support for assistance.

Insert CompactFlash card into top slot with connectors facing inward (as shown in illustration on the left).

CompactFlash connectors

128MB
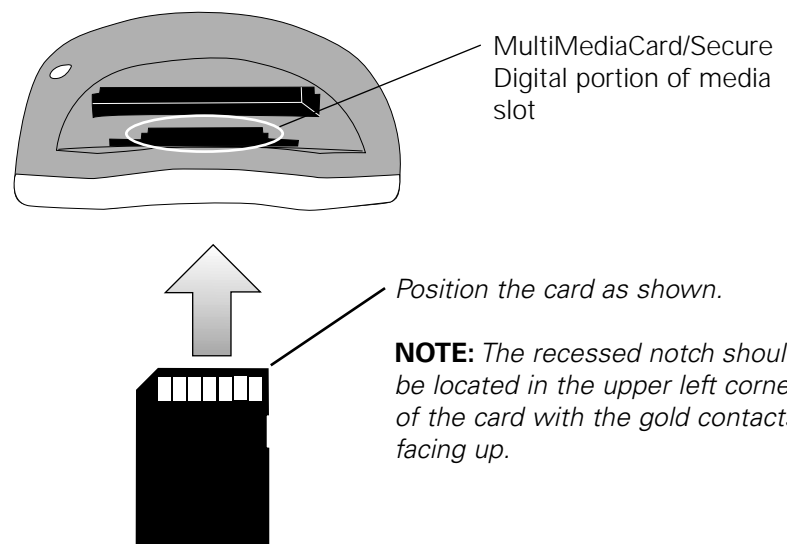**Digital FlashFilm**

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Inserting a MultiMediaCard or Secure Digital Card

1. Position the MultiMediaCard or Secure Digital card in the direction as shown in the illustration below. A portion of the lower media slot was designed for insertion of MultiMediaCard and Secure Digital cards. This portion of the media slot will use the top of the SmartMedia slot as a guide. The Secure Digital or MultiMediaCard will slide in just above the SmartMedia slot.

2. Insert the card into the slot with the gold contacts facing up. **Gently** push the card in all the way until the card is fixed in place.

*IMPORTANT: Notice the notched corner of the MultiMediaCard or Secure Digital card and be careful not to insert the MultiMediaCard/Secure Digital card in the wrong direction. To insert properly, be sure that the card is positioned so that the recessed notch is located on the upper left corner. You **should** see the media's gold contacts when inserting it into the slot. When inserted properly, the gold contacts will be visible and farthest from you as you look at it from the top. Refer to the illustration below for proper insertion.*

WARNING: Insert the card gently. If it is forced in, the card reader or the actual card may be damaged, or data on the card may be lost or corrupted. If excessive force is required, or the card just doesn't seem to fit, do not attempt to force the card in the reader, instead contact Dazzle Technichal Support for assistance.

NOTE: To utilize advanced features of Secure Digital cards as well as locking and encryption features, please refer to the documentation provided with your Secure Digital card or host device.

MultiMediaCard/Secure Digital portion of media slot

Position the card as shown.

NOTE: *The recessed notch should be located in the upper left corner of the card with the gold contacts facing up.*

Dazzle*
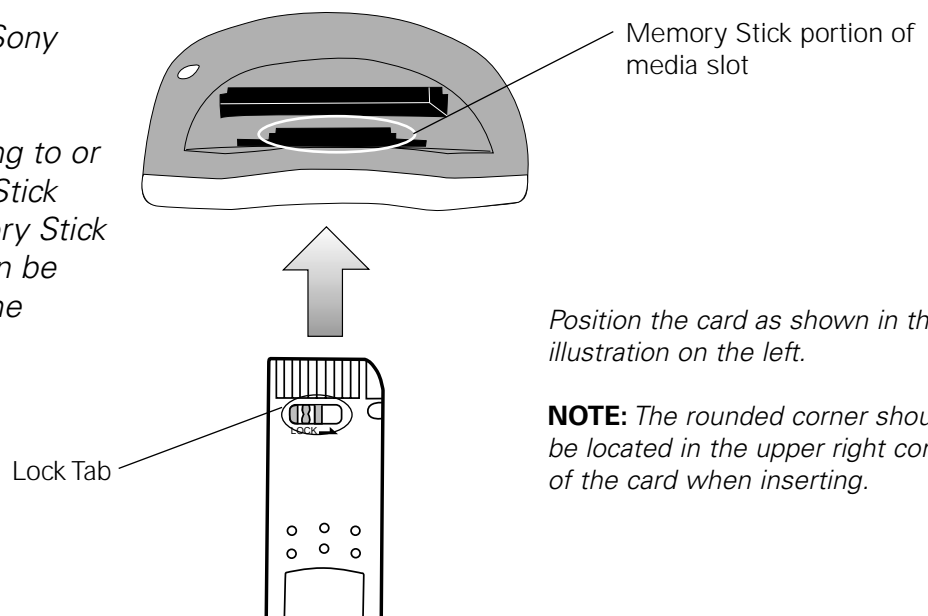
USER'S MANUAL

Inserting a Memory Stick Card

1. Position the Memory Stick in the direction as shown in the illustration below. A portion of the lower media slot was designed for insertion of Memory Stick media cards. This portion utilizes the center of the media slot for Memory Stick insertion.

2. Insert the Memory Stick into the slot with the gold contacts facing up. **Gently** push the Memory Stick in all the way until the card is fixed in place.

*IMPORTANT: Notice the rounded corner of the Memory Stick card and be careful not to insert the Memory Stick in the wrong direction. To insert properly, be sure that the card is positioned so that the rounded corner is in the upper right corner. You **should** see the gold contacts of the Memory Stick when inserting it into the slot. When inserting properly, the gold contacts will be visible and farthest from you as you look at it from the top. Please refer to the illustration below for proper insertion.*

WARNING: Insert the Memory Stick gently. If it is forced in, the card reader or the Memory Stick may be damaged, or data on the card may be lost or corrupted. If excessive force is required, or the card just doesn't seem to fit, do not attempt to force the card in the reader, instead contact Dazzle Technical Support for assistance.

NOTE: The secure mode of Sony MagicGate is not supported.

NOTE: If you intend on writing to or deleting from your Memory Stick media, make sure the Memory Stick is not locked. The lock tab can be found on the under side of the Memory Stick.

Memory Stick portion of media slot

Lock Tab

Position the card as shown in the illustration on the left.

NOTE: The rounded corner should be located in the upper right corner of the card when inserting.

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Mounting and Accessing a Card (Macintosh)

After a card is inserted on a Macintosh computer, a distinct icon will appear on the Mac OS desktop. This is the "mounted" state, which enables read and write operations for the card. The time required between card insertion and mounting depends on the type and brand of card. Usually, a card can be mounted and accessed within a few seconds.

When a card is mounted, it can be used in the same fashion as a floppy or other type of removable disk. Double-click the icon to open it's respective file window. For example, in the screen shot below - an IBM 340MB Microdrive was inserted into the Dazzle 6 In 1 Reader. By double-clicking on the Microdrive icon you will see it contains 10 high resolution TIF images taken on a professional digital camera. The images stored on this Microdrive can be copied, opened, edited, deleted, and so forth. With the Dazzle 6 In 1 Reader, audio and video files, cell phone databases, and more can now be shared easily between your digital device (camera, cell phone, MP3 player, etc) and your Macintosh.

IMPORTANT: *Be sure you have installed the Dazzle 6 In 1 Reader drivers prior to attempting to operate the card reader. Also be sure the Apple "File Exchange" control panel is set to load in your system folder - you can activate it using the Apple "Extensions Manager" control panel.*
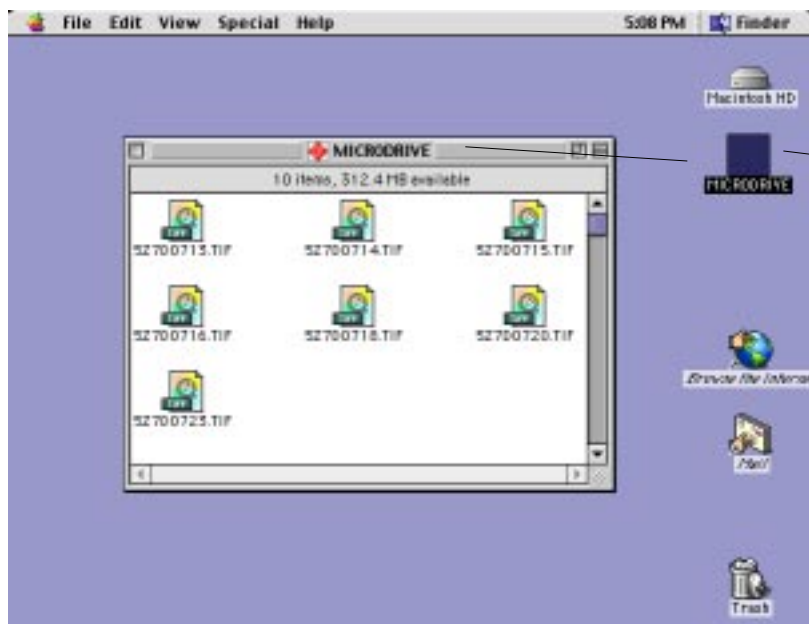
Removable Disk Icon
(example shown representing:
IBM 340MB Microdrive)

NOTE : *Files contained within a card can be accessed by double-clicking on the cards respective icon.*

Dazzle*

Formatting Cards (Macintosh)

There may be instances where you may wish to format a card in the Dazzle card reader rather than in the original digital device (camera, MP3 player, etc.). There may also be times when you may be required or prompted to format your card. As such, please read the information in this section for information on formatting CompactFlash, MultiMediaCard, Secure Digital, SmartMedia, and Memory Stick cards.

WARNING: Formatting a card will completely erase all data currently stored on the card. If there are important images or files you wish to safeguard for later use, make a backup copy on your hard drive, CDR drive, or other type of removable media.

Formatting CompactFlash, SmartMedia, MultiMediaCard, Secure Digital, and Memory Stick cards:

NOTE: Screenshots below may vary slightly from those on your computer.

1. Select the "**Erase Disk**" command in the "Special" menu (as shown below).
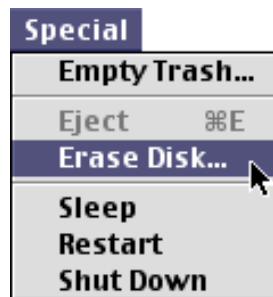
2. As formatting a card will completely erase any data currently stored on the card, a dialog box will appear asking if you wish to completely erase the card as shown below. Click "**Erase**" to begin formatting the card. Or, click "**Cancel**" if you do not wish to format the card.

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Removing a Card (Macintosh)

1. Make sure that the "Access" indicator is not flashing. The access indicator will flash when data is being read or written on the card. Wait until the operations are complete and the access indicator is no longer flashing before attempting to remove the card. Removing a card during access operations will cause the data to be lost or corrupted.

Drag the card icon to the trash. The card icon will disappear and a dialog box similar to the one below will appear.

2. Drag the card icon and drop it onto the trash icon as shown above. The card icon will disappear from the desktop. A dialog box similar to the one below will appear. It is now safe to remove the card. To remove a card, grasp the end of the card with your thumb and index fingers, and remove the card from the slot.

> You may remove the media now.

WARNING: *Do not remove a mounted card without first dragging the card icon to the trash. You may risk the chance of corrupting data stored on your card if removed improperly. If removed improperly, a warning message may appear on the screen - warning you that the media was not properly ejected.*

> The media was improperly ejected. Always drag the media icon to the trash before removing it.

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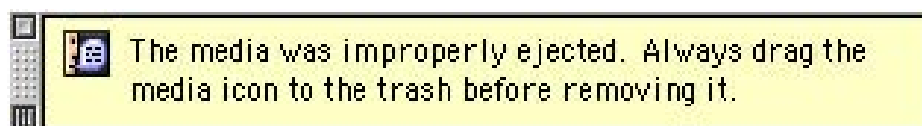
Inserting and Accessing a Card (PC)

With a PC compatible computer running Windows (98SE, 2000, Me, or XP), two "Removable Disk" icons with newly assigned driver letters (see illustration below) will appear in "My Computer". In general, the first "Removable Disk" icon will be assigned to the upper or CompactFlash slot. The second "Removable Disk" icon will be assigned to the lower or SmartMedia, Secure Digital, MultiMediaCard, and Memory Stick slot. This lower slot is designed to accept any of the four supported media types listed above. Only one of the four supported media types may be inserted at one time.

To access your digital media, double-click on the media's respective "Removable Disk" icon. If media is not inserted while double-clicking the icon, the message "Device not ready" or "Please insert a disk" will appear. Insert a card and try accessing the media again. Once you have opened the drive, the contents of the media card will be displayed. This is how you will access your images or data stored on your media.
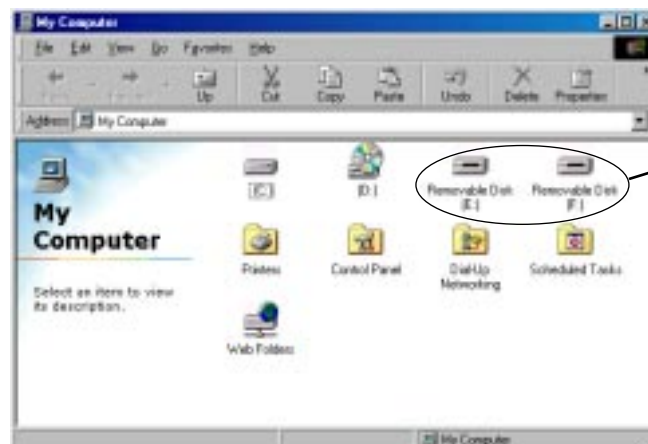
Dazzle 6 In1 Reader "Removable Disk" icons.

NOTE: Digital cameras will usually create a folder on the digital media card, which contains your digital images. To access the digital images, you must first open the folder(s) and double-click on the icon(s) representing the digital image(s) you wish to view.

IMPORTANT: The lower media slot of the Dazzle 6 in 1 Reader is designed to accept one of four supported media types at one given time. In the course of usage, you may insert either SmartMedia, Secure Digital, MultiMediaCard, or Memory Stick media into the lower slot of the Dazzle 6 In 1 Reader at any one time. However, it is possible to use both the CompactFlash slot and one of the four media types supported for use in the lower media slot concurrently.

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Formatting Cards (PC)

There may be instances where you may wish to format a card in the Dazzle card reader rather than in your original digital device or when the format option is not present. There may also be times when you may be required or prompted to format your card. As such, please read the information in this section for information on formatting cards.

WARNING: Formatting a CompactFlash, SmartMedia, MultiMediaCard , Secure Digital, or Memory Stick card will completely erase all data currently stored on the card. If there are important images or files you wish to safeguard for later use, make a backup copy on your hard drive, CDR drive, or other type of removable media.

Formatting CompactFlash, MultiMediaCard, Secure Digital, SmartMedia, or Memory Stick cards:

NOTE: If you have not installed the drivers for your Dazzle 6 In 1 Reader or if driver installation is not required; you may format the media using the standard Windows operating system format option only.

Windows Me and Windows XP

1. Open **"My Computer"** or **"Windows Explorer".**

2. Right-click the **"Removable Disk"** icon (drive letter will also be assigned) that pertains to your media type and select **"Format"** from the pop-up window.

Dazzle 6 In 1 Reader "Removable Disk" icons

Select "Format" from the pop-up menu

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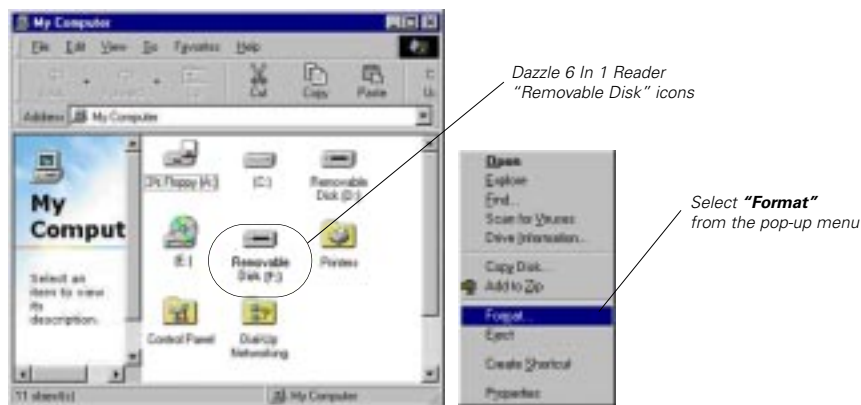
Click "Start"

3. Select your format type (Full or Quick) and click **"Start"** to begin.

4. A dialog box similar to the example shown below will appear warning that you are about to erase everything on the media.
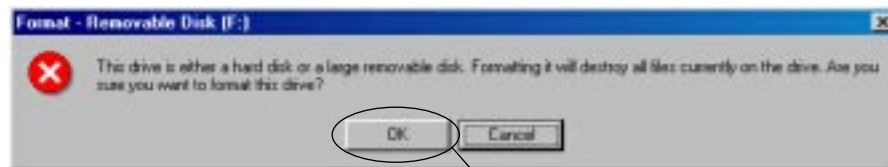
Click "OK"

5. Click **"OK"** to proceed.

> **IMPORTANT NOTE:** When formatting your digital media on Windows XP using the Dazzle 6 In 1 Reader, select **"FAT"** from the "File System" drop-down menu. This will ensure that your media has been properly formatted for use in digital cameras as well as other digital devices requiring the "FAT" file system.

Select "FAT" from the "File System" drop-down menu.

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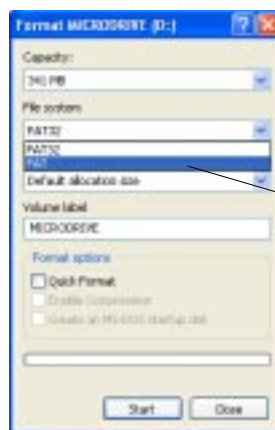
6. Click **"Close".** Format is now complete.

Format Results - Removable Disk (F:)

16,007,168 bytes total disk space

0 bytes used by system files

0 bytes in bad sectors

16,007,168 bytes available on disk

4,096 bytes in each allocation unit

3,909 total allocation units on disk

10E3-2A1E serial number

[Close]

NOTE: Formatting your media using the standard Windows format option conforms only to Windows operating system specifications.

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Windows 98SE and Windows 2000

1. Click on the **"Start"** button located in the lower left hand corner of your desktop and select **"Programs"** from the pop-up menu.

2. This will display a list of the programs installed on your computer. From the list of programs select **"6 In 1 Reader".**

3. Once you have selected the **"6 In 1 Reader",** you will notice there is a media prep utility for each supported media type (i.e. CFPREP for CompactFlash, SMPREP SmartMedia, CARDPREP for MultiMediaCard and Secure Digital, and MSPREP for Memory Stick). Select the media prep utility that pertains to your media type. You will see a message similar to one of the examples shown below.
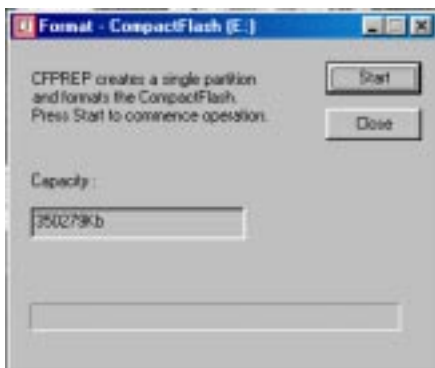
CompactFlash format screen:

The CFPREP utility will create a single formatted partition on your CompactFlash card - no other formatting options are available.
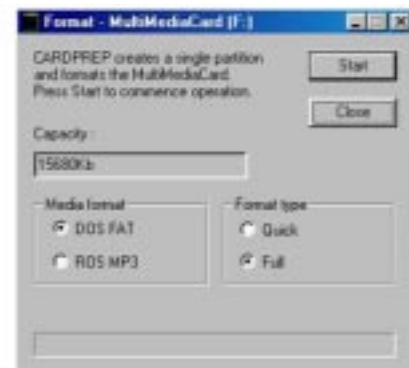
MultiMediaCard/Secure Digital format screen:

The CARDPREP utility for your MultiMediaCard or Secure Digital cards, provides two format options. In general, select the "DOS FAT" option to format your card. However, in some instances owners of MP3 players may be required to format a card in "ROS MP3" format. Consult the manufacturer of your MP3 device to find out if it uses this file format.

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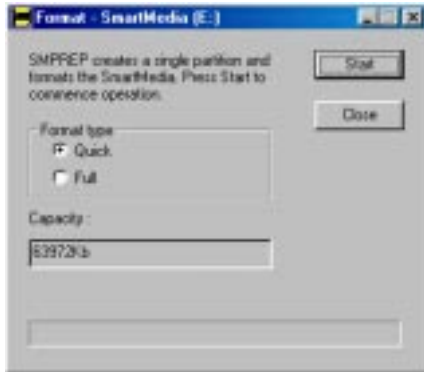
SmartMedia format screen:

The SMPREP utility provides two format options for your SmartMedia card. The "Quick" format option is selected by default, and recommended for general use to erase data on your SmartMedia card. If you experience problems with your SmartMedia, you may wish to select the "Full" format option to completely erase and scan your SmartMedia card for any bad data blocks.

Memory Stick format screen:

The MSPREP utility provides two format options for your Memory Stick card. The "Quick" format option is selected by default, and recommended for general use to erase data on your Memory Stick, if you experience problems with your Memory Stick you may wish to select the "Full" format option to completely erase and scan your Memory Stick for bad data blocks.

4. Click **"Start".** A dialog box similar to the example shown below will appear warning that you are about to erase everything on the media.
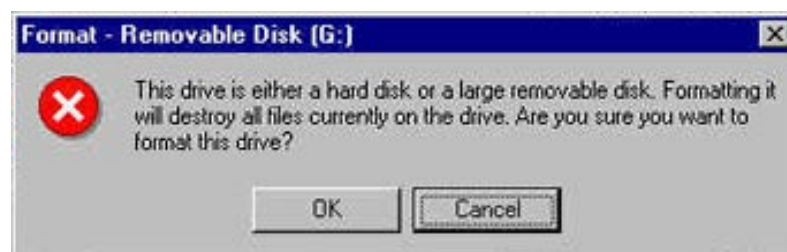
5. Click **"Yes"** to proceed. This will format the media, bringing up a format status screen until the format completion.

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6. Click **"OK"**. Formatting is now complete.

*Click **"OK"** to finish the format.*
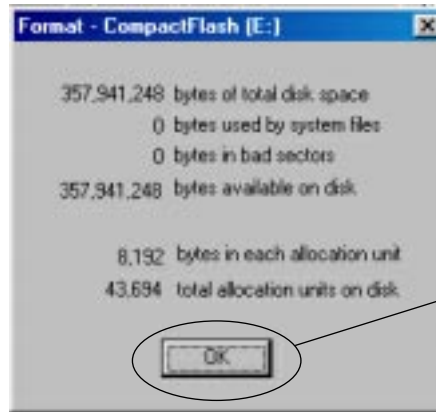
IMPORTANT NOTE:

*After formatting MultiMediaCard, Secure Digital, Memory Stick, and CompactFlash cards in Windows 98SE, a dialog box (similar to the one below) will appear recommending that you run the "ScanDisk" Utility. If you are experiencing problems with your card you may wish to click "**Yes**" to verify that data can be stored reliably on all areas of your card. However in day-to-day use clicking "**No**" will suffice. In Windows 2000, upon format completion, it will be suggested that you run the "Check Disk" Utility to verify that data can be stored reliably. As in Windows 98SE, if you are experiencing difficulties with your media, running the utility is recommended. If you are not experiencing difficulties, it will not be necessary to run the utility.*
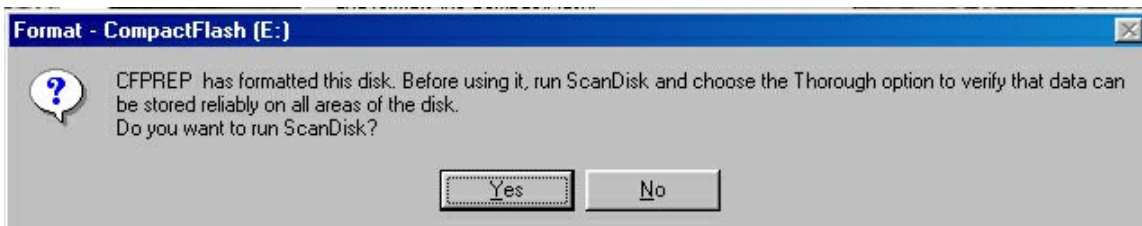
7. Finally, click **"Close"** on the format screen to exit the formatting utility.

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Removing a card (PC)

1. Make sure that the "Access" indicator is not flashing. The access indicator will flash when data is being read or written on the card. Wait until the operations are complete and the access indicator is no longer flashing before attempting to remove the card. Removing a card during access operations will cause the data to be lost or corrupted.

2. To remove a card, grasp the end of the card with your thumb and index fingers, and remove the card from the slot.

USER'S MANUAL

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Dazzle OnDVD

Software for PC Compatible Computers

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Dazzle OnDVD Software

INTRODUCTION

Dazzle OnDVD is easy-to-use software that lets you take your digital pictures and turn them into a slideshow you can record to a CD for playback on your DVD player. Simply select the pictures you want to put into your slideshow (maximum 500 pictures per CD), arrange them on the timeline and record the slideshow to a CD with your CD-Recorder.

OnDVD records two copies of your pictures to the CD disc. The first session is a slideshow in the VideoCD (VCD) format, which can be played back in a DVD player (or VCD player), connected to your TV. The second session is a backup copy of all your high quality pictures, which can be read back from your PC's CD-ROM or DVD-ROM drive. If you put the CD into a DVD Player, the slideshow will automatically play. If you put the CD into your PC, you can automatically look at the archived pictures.

DEFINITIONS

CD-R Discs (CD-Recordable) - On this media type, you can write data to a CD but you cannot erase it once you have written it. Not all DVD players can read CD-R discs. If your DVD player does not read CD-R discs, try recording your slideshow on a CD-RW disc. Check your DVD player owner's manual to see if your player reads CD-R discs.

CD-RW Discs - On this type of media, you can write, erase and re-write data many times. All DVD Players should be able to read CD-RW media.

CD-Recorder - A PC peripheral which records information from a computer onto a CD-R or CD-RW disc.

DVD - Digital Video Disk. DVD is the latest format for high quality video. DVD is an extremely versatile and high quality format and is used extensively for distributing movies. DVDs can be played back in DVD players connected to a TV or also in DVD-ROM drives on a computer using DVD player software.

DVD Player - A consumer electronics device which can be connected to a TV to play back DVDs. Most DVD Players can also play back VideoCDs.

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DEFINITIONS (continued)

JPG - Also known as 'JPEG', this file format is used by the vast majority of digital cameras and applications for digital photographs. JPG is the predominant file format for digital picture files on the Internet.

VCD - VideoCD. VideoCD is a special CD format normally used for video but which can also be used for photos. VCDs can be played in all VCD Players and almost all DVD players connected to a TV.

VCD Player - A consumer electronics device which can be connected to a TV to play back VideoCDs. VideoCD Players are popular in Asia but seldom found elsewhere.

GETTING STARTED

System Requirements-

Operating Systems- Windows® 98
Windows® 2000
Windows® NT
Windows® ME
Windows® XP

CPU-   _Pentium® II 300 MHz or higher_
AMD K6® III 400 MHz or higher

RAM-   32 MB required
64 MB recommended
Available Disk Space
32 MB for Application Installation
Up to 1 GB available for workspace

Other necessary hardware:

Digital Camera
Flash Memory Card Reader
CD-R or CD-RW Recorder
DVD Player, VCD Player, CD-ROM or DVD-ROM Drive

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Tutorial - How to use Dazzle OnDVD 1.5

Creating VCD slideshows

Step 1 - *Locate your digital pictures*

The pictures may be in a directory on your computer or in the digital camera. In most cases, your digital camera loads pictures onto a flash memory card. Access these pictures easily by removing the card from the camera and inserting it into a flash memory card reader. You can view the contents of the card reader in Windows Explorer.

Step 2 - *Launch Dazzle OnDVD*

- Click the **'Start'** Button, then select **'Programs'** and then **'OnDVD'**

Step 3 - *Load your digital pictures*

- Click on the **'Add Directory'** button to add all the files in a folder or click **'Add Image'** to add one image at a time
- Navigate to the directory which contains the pictures you wish to import
- Select that directory or image and click **'OK'**

   A dialog box will appear to inform you of how many images were added.

- Click **'OK'**

   Your pictures will be added to the Picture List in the left pane of the software and a thumbnail image of the pictures will be displayed on the timeline bar in the bottom pane in the order in which they will appear in the slide show.

Step 4 - *Select images to view*

Click on the filename in the Picture List to display that picture in the Picture Preview window.

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Tutorial (cont.)

Step 5 - *Remove unwanted pictures*

- Click on the picture that you wish to remove from your slideshow
- Click the **'Remove'** button or press the **'Delete'** key to remove the selected picture
- Click the **'Remove All'** button to remove all the pictures from your slideshow.

The selected pictures will be removed from the Picture List and the Timeline but will not be deleted from your computer.

Step 6 - *Preview your slideshow*

Before you record the CD, make sure you are happy with the slideshow by previewing it.

- Click the **'Preview'** button in the toolbar to view the slideshow
- The slideshow will return to the main screen when the preview is complete
- Press the **'Esc'** key to cancel the preview at any time

Note: Each picture in the slideshow will stay on the screen for 3 seconds before moving to the next picture. If you wish to increase the amount of time that a certain picture will be displayed, click the right mouse button on the name of the picture in the image list and go to **'Display Time'**. After you have changed the display time, click **'OK'.**

Step 7 - *Write the CD*

Now that you have the slideshow ready, you can create the CD.

- Insert a blank CD-R or CD-RW disc into the CD-Recorder
- Click the **'Write VCD'** button on the toolbar

Step 8 - *Play your CD in a VCD or DVD player*

Insert the CD into a VCD or DVD player, and you will be able to view your slideshow on a television screen. The slideshow plays in an auto-repeat loop. When you are finished viewing the slideshow, just press the **'Stop'** button on the DVD player and eject the disk.

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Tutorial (cont.)

Step 9- *See the original picture files on the CD*

- Insert the CD into the CD-ROM or DVD-ROM drive on your PC.

  • The viewer application should automatically open
  • If the viewer window does not automatically launch, open Windows Explorer.
  • Navigate to the drive letter of the CD-ROM or DVD-ROM drive
  • Launch the application on the CD named 'Viewer.exe'
  • The OnDVD Viewer application will be launched.

- In the OnDVD Viewer window, select the CD-ROM or DVD-ROM drive from the drop-down list all of the original high-resolution pictures are stored on this disc. In addition to creating a slideshow disc, you have created an archive of the original pictures on the CD.

Webcasting

- Follow steps 1-7 above to create your slideshow

- Click the **'WebCast'** button and then click **'Next'**. OnDVD will create a video slideshow to send to the web. Click **'Next'** again and type in your Dazzle WebCast Theater username and password. Then click **'Login'** If you have never used WebCast Theater before, click **'Register'** and fill out the appropriate information. Once you are finished, anyone can view your files by going to the Dazzle Webcast Theater website by first visiting www.Dazzle.com and selecting **"Webcast"**, then **"Webcast Theater".**

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MENU ITEMS REFERENCE

File/Exit - Closes the Dazzle OnDVD application

Video CD/Add Picture - Adds a specific picture to the timeline

Video CD/Add Directory - Adds an entire directory of pictures to the timeline

Video CD/Remove Picture - Removes a selected picture from the timeline

Video CD/Remove All - Removes all pictures in the Picture List from the timeline

Video CD/Write VCD - Creates a Video CD from your slideshow

View/Picture List - Toggles the view of the Picture List window pane

View/Timeline - Toggles the view of the Timeline window pane

View/Options - Opens the Video Standard Options. Most TV's in North America and Asia are NTSC. Most in Europe are PAL.

Help/About - Gives version information for Dazzle OnDVD

Help/Help Topics - Launches the help file

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TROUBLESHOOTING

1. **My slideshow won't play on my DVD player.**

a) Check the Owner's Manual of your DVD player to see if it can read VCDs (VideoCDs). If it can, go on to step b. If it cannot, you will not be able to view your slideshow on this DVD player.

b) If you recorded the slideshow onto a CD-R disc, check the Owner's Manual of your DVD player to see if your DVD player can read CD-R discs. If it can read a CD-R disc but it will not play the slideshow, you probably have a damaged CD-R disc. Re-record it and try again. If your DVD player cannot read CD-R discs, re-record your slideshow to a CD-RW disc and try to play it again.

c) If you recorded the slideshow onto a CD-RW disc and it will still not play, check the bottom of the CD-RW disc for fingerprints or scratches. Re-record to a new CD-RW disc if necessary.

d) If you are unable to find information in your DVD player Owners Manual, you can often find the information on the Internet. Check the DVD player's manufacturer website. You can also visit www.vcdhelp.com for information on many different DVD players.

2. **I can't read the archived files from the CD on my PC.**

a) You must use the included file viewer program to read the CD from your PC.

b) If the viewer program did not automatically launch when you inserted the CD, remove the CD and re-insert it.

c) If the viewer program still did not launch, click on the **'Viewer.exe'** file on the CD.

d) If the viewer launched and no files are visible, re-record the CD and try again.

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TROUBLESHOOTING (continued)

3. **I can't record to my CD-Recorder. Does OnDVD support my CD-Recorder?**

a) OnDVD supports almost all commercially available CD-Recorders and new recorders are constantly being added. If you cannot record to your CD-Recorder, check the Dazzle website for software upgrades.

b) If you downloaded all upgrades and you can still not record to your CD-Recorder, call technical support to check on when support for your CD-Recorder will be added.

c) Make sure the CD is blank. OnDVD requires that the destination CD be blank.

For the most up to date support information, please refer to:
http://www.Dazzle.com/support/trouble.html

UPGRADE INFORMATION

For OnDVD upgrade information, please go to **www.Dazzle.com.**

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USER'S MANUAL

6

Troubleshooting
your Dazzle 6 In 1 Reader

Common TroubleShooting Questions and Answers

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Troubleshooting your Dazzle 6 In 1 Reader

Installation and use of the Dazzle 6 In 1 Reader is relatively easy and normally should not produce complications. However, if you are experiencing difficulties with your card reader, please refer to the following troubleshooting guide for a possible solution. Additional tips and solutions as well as product information can be found on the Dazzle interactive support website: www.Dazzle.com/support. If the problems persist after trying the solutions provided below and on our web site, please contact our Technical Support Department.

1. **I have connected my Dazzle 6 In 1 Reader to my computer's USB port and was unable to find the appropriate drivers during installation.**

PC Compatible:
Prior to connecting the Dazzle 6 In 1 Reader to your computer's USB port, you must first install the card reader driver software (if required). The Dazzle 6 In 1 Reader **does not** require driver installation on Windows Me or Windows XP. Driver installation **is required** on Windows 98SE and 2000. The software for Windows 98SE and Windows 2000 is located on the accompanying installation CD-ROM. Please refer to the section of the User's Manual titled "Installing the Driver Software" for installation instructions.

Macintosh:
Prior to connecting the Dazzle 6 In 1 Reader to your computer's USB port, you must first install the Dazzle 6 In 1 Reader driver software. Driver installation is required. The software for Mac OS 9.x is located on the accompanying installation CD-ROM. Please refer to the section of the User's Manual titled "Installing the Driver Software" for installation instructions.

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2. **I have installed the Dazzle 6 In 1 Reader drivers (where necessary) and have the card reader plugged into my USB port, but when I insert my digital media card nothing happens.**

PC Compatible:
The Dazzle 6 in 1 Reader is a digital card reader/writer that is accessed as a removable disk. In order to access the digital images or data stored on your media card, you must access the card reader through it's "Removable Disk" icons. This can be done by first opening **"My Computer"**. Here you will see two "Removable Disk" icons (drive letters will also be assigned) representing your Dazzle card reader. Now double-click on the respective **"Removable Disk"** icon to display the contents of the media inserted in your card reader. This is where your digital images or data will be located.

Digital cameras will usually create a folder on the digital media card, which will contain your digital images. Depending on the digital camera you have, the folder names will vary. Double-click on the respective folder name to access the digital images contained within. You can create a preview by double-clicking on one of the image icons.

Macintosh:
Once a card is inserted on a Macintosh, a distinct icon will appear on the Mac OS desktop. This is the "mounted" state which enables read and write operations for the media. Opening the media icon will allow you access to the images stored on your respective media card. Depending on the media used, the time it takes a media card to mount may vary.

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3. **I have inserted my media card into my Dazzle card reader, but I am unable to access my data. What do I do?**

If you are using a SmartMedia card, make sure that you have inserted the SmartMedia card into the Dazzle card reader with the gold contacts facing down. For more information regarding inserting your SmartMedia, please refer to the section titled "Inserting a SmartMedia Card" in the User's Manual.

If you are using a MultiMediaCard or a Secure Digital card, make sure that you have inserted the card with the gold contact facing up. For more information regarding inserting your MultiMediaCard or Secure Digital card, please refer to the section titled "Inserting a MultiMediaCard or Secure Digital Card" in the User's Manual.

If you are using a CompactFlash card or IBM Microdrive, make sure that you are inserting the media with the media label up and CompactFlash connectors inserted into the card reader first. For more information regarding inserting a CompactFlash card or an IBM Microdrive, please refer to the section titled "Inserting a CompactFlash Card" in the User's Manual.

If you are using a Memory Stick card, make sure that you are inserting the media with the gold contacts facing up. For more information regarding inserting Memory Stick cards, please refer to the section titled "Inserting a Memory Stick Card" in the User's Manual.

4. **I can see the images on my media inserted in the Dazzle 6 In 1 Reader, but how do I download them to my computer.**

PC Compatible:
Images and data can be downloaded or transferred to your computer using basic Windows file transfer techniques. Two of such techniques are drag and drop as well as copy and paste.

For information on both drag and drop as well as copy and paste, please refer to your Windows "Help" file, or "Help and Support" in Windows XP, under the "Start" button located in the lower left corner of your Windows desktop. Once you have opened Windows "Help", begin by clicking on the **"Index"** tab. This will display the contents of the Windows "Help". Now scroll down to and double click on "copying files, folders". To access help information in "Help and Support" on Windows XP, simply enter copy and paste into the search box.

Macintosh:
When a card is mounted, it can be used in the same fashion as a floppy or removable disk. Double-click on the icon to open its respective file window. Once you have opened the file window, holding down the option key, drag and drop the desired images from the media to a location of your choice.

5. **I am trying to write to my Memory Stick card, but I am getting an error that the Memory Stick is write protected or locked.**

Please make sure that the lock tab located on the bottom of the Memory Stick media is not in the lock position.

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USER'S MANUAL

7

OBTAINING
Technical Support

Contacting Technical Support ◎

Returning Products for Service ◎

Limited Warranty ◎

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Contacting Technical Support

The Dazzle 6 In 1 Reader is relatively easy to maintain and operate and normally should not produce complications. However, if you need assistance or have questions of any kind, our trained staff members are ready to help. Our Technical Support Department can be reached by calling 203-315-4230 from 8:00 a.m. to 9:00 p.m. (EST), Monday through Friday or by fax at 203-483-5985. In the U.K, please contact local support at +44 118 979 1026. We recommend having your computer nearby when calling to facilitate troubleshooting. Email support as well as 24 hour Technical Support is available via our interactive support website: www.Dazzle.com/support.

Returning products for service

When calling for support, if a Technical Support specialist recommends that you return the product to Dazzle, the Technical Support specialist will transfer you to Customer Service for a **Return Merchandise Authorization (RMA)** number. The RMA number **must** appear on the outside of your shipping carton. Our Receiving Department will refuse any package that does not carry an RMA number. Pack the Dazzle 6 In 1 Reader in its original box. Be certain that it fits snugly and is surrounded with the original packing material. If original packing material is not available, product must be secured in packing material as not to cause damage.

- Improper packing can result in damage to the device, and may result in voiding the warranty.
- We will not accept an improperly packaged device.

You are responsible for paying the cost of shipping the device in for repair; we will pay the return shipping on any Warranty RMA. Be sure to include the RMA number on the outside of the box. Please ship the device to:

SCM Microsystems, Inc.
Retail Brands Group
20 Carter Drive
Guilford, CT 06437 USA

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SCM Microsystems, Inc. LIMITED WARRANTY

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USER'S MANUAL

HOW-TO

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SCM Microsystems, Inc. is a leading supplier of solutions that open the Digital World by enabling people to conveniently access digital content and services. SCM Microsystems advanced silicon solutions, hardware and software enable secure exchange of electronic information for digital applications from e-commerce to broadband content delivery by providing controlled access points to platforms such as PCs, digital camera, and digital television set-top boxes. SCM Microsystems, Inc. serves the retail market through its Dazzle and Microtech product brands. Global headquarters are in Fremont, CA, with European headquarters in Munich, Germany. Operations for the company's Retail Brands Group are in Guilford, CT., U.S.A. Operating hours are Monday through Friday from 8:00 A.M. to 6:00 P.M. (U.S. Standard Time) with Dazzle Technical Support from 8:00 A.M. to 9:00 P.M. (U.S. Standard Time).

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