



MVP

9000 Series

Music, Video & Photo

Portable Media Player with 7-in-1 Memory Card Reader

User Manual

Version 2.1

Revision Date: July, 2006

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FCC Certifications

This equipment has been tested and found to comply with the limits of 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.

Warning:



Warranty will be void if mishandled. Please take care in handling the Wolverine Device:

- Do not drop or handle too aggressively as it may cause damage to the device.
- Do not allow the device to come into contact with water or other liquids. In the event that water or other liquids enters the interior, immediately turn off the device. Continued use of the device may result in fire or electrical shock. Please consult your product distributor or the closest support center.
- Do not handle with wet hands. Doing so may cause electrical shock and damage the unit.
- Do not place the device close to any equipment generating strong electromagnetic fields. Exposure to strong magnetic fields may cause malfunction or corrupt data.
- Do not expose the device to extreme temperatures, humidity or vibrations, which may cause damage to the device.
- Do not open the outer case. If battery needs replacement please, follow the instructions in this manual on how to replace the battery and take caution not to damage the components inside the unit.
- Do not move or disconnect the device from the computer while the device is reading/writing data. This may cause damage to the data and/or the device.
- Under no circumstances should the user try to repair the device. Doing so may cause electrical shock and void the warranty.

IMPORTANT WARRANTY INFORMATION

WOLVERINE DATA IS NOT RESPONSIBLE FOR CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF DATA. ALWAYS BACK UP ALL DATA. FOR FULL WARRANTY STATEMENT CONTACT WOLVERINE DATA.

Wolverine Data has no obligation to repair, replace or issue refunds without a Return Merchandise Authorization (RMA) number and the receipt of the defective product.

Repairs or replacement service will not be offered to Products that were misused, repaired without authorization or by other reasons beyond the range of intended use.

Products replacement may be either new or refurbished, provided that it has functionality at least equal to that of the product being replaced.

Wolverine Data is not responsible for any data stored on the returned Product, please backup any data prior to shipping the unit.

The limited warranty for accessories (included battery) is valid for 6 months from the date of purchase. All OUT OF WARRANTY repairs maybe subject to a normal repair fee. Please contact your dealer or Wolverine Data for current charges

1 - PACKAGE CHECKLIST

Main unit

Earphone

Audio & Video cables

USB cable

Remote Control

User's guide

Line-in cable

CD-ROM containing digital copy of this manual and Windows 98 and Mac 9.x

Drivers

Power Adapter (100-240V auto switched)

2 - FEATURES

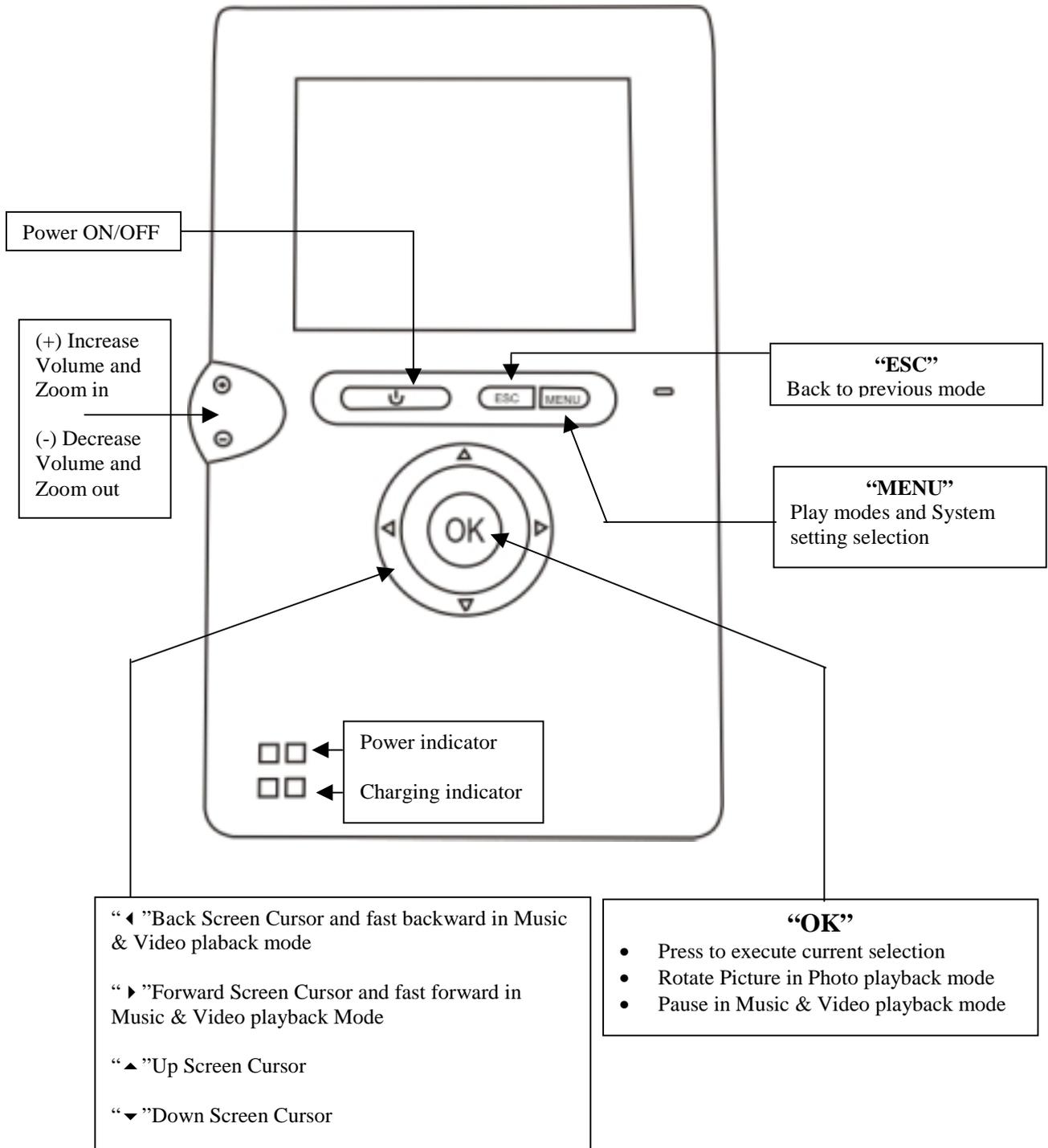
- Store and play thousands of music, video, photos, digital recordings and any computer data on the Wolverine *MVP* portable mass storage device
- 2.5" high resolution TFT LCD Color display to view picture, video and manage contents
- Read, Transfer from and Write to 7 different types of Memory Cards without a computer:
 1. Compact Flash Type I/II (CF)
 2. Smart Media (SM)
 3. Memory Stick (MS)
 4. MS Pro
 5. Secure Digital Card (SD)/MMC
 6. MicroDrive
 7. xD using SM memory card slot
- Read additional type of cards using adapters (not provided): Mini-SD; RS-MMC; MS Duo; MS Pro Duo.
- NTSC/PAL TV out
- Use it as an External Hard Drive to backup all your computer data or as a memory card reader / writer
- Battery operated – high capacity 1800 mA/h rechargeable and interchangeable Li-ion internal battery allows up to 20GB of memory cards data transfer or 8 hours of music playback or 3 hours of photo or video playback on a single charge
- Copy, Paste, Delete and organize files without a computer
- High speed USB 2.0 connection (backward compatible with USB1.1)
- Convenient universal AC/DC (100V-240V) adapter
- System Compatibility:
PC: MS Windows 98, ME, 2000, XP
Mac: OS 9.x, OS 10.x
Linux: 2.4x
- Warranty : 1-Year
- Dimensions: (LxWxH) 5.04 x 3.01 x 1.18 in. (128 x 76.5 x 30 mm)
- Weight 10 oz. (282 gm)

3 - SPECIFICATIONS

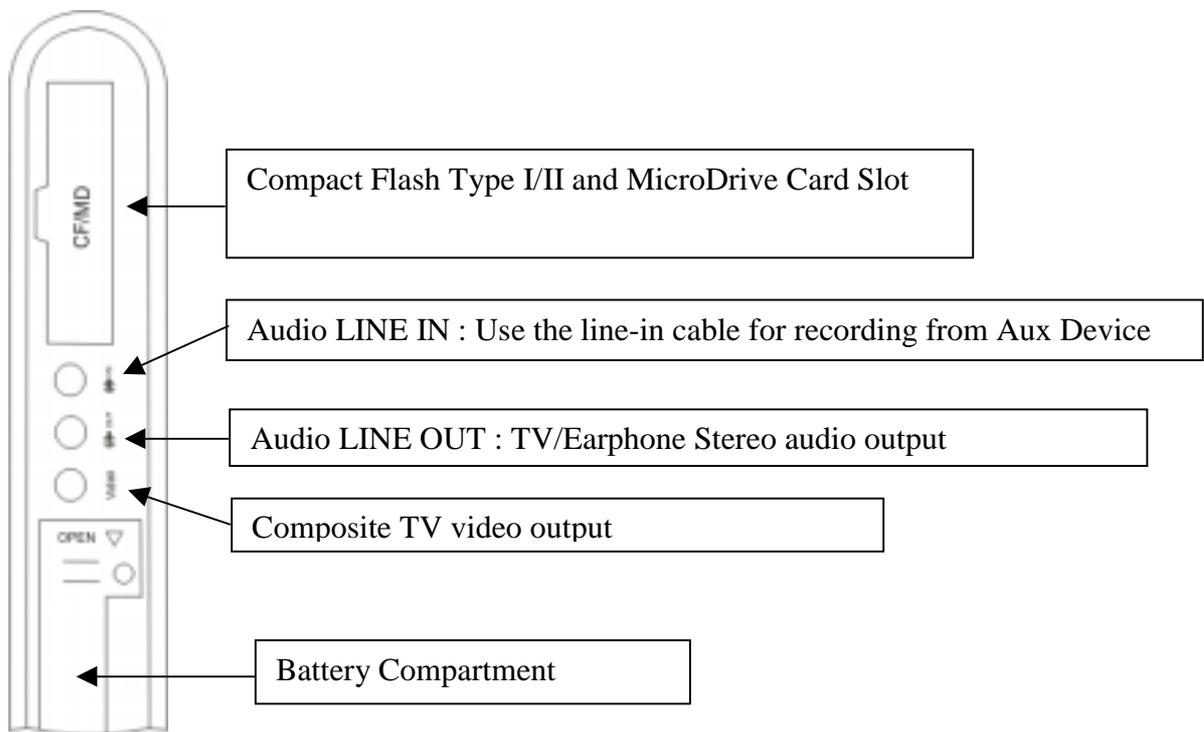
<p>Video playback and Resolution (Up to 3 hours from full charge)</p>	<p>AVI: Motion-JPEG in AVI format, 640x480@30fps with APCM audio MOV: Motion-JPEG in MOV format, 640x480@30fps with APCM audio</p> <p>MPEG-1 Resolution: 352x288@30fps Bit Rate: 1.5Mbps Audio: MPEG-1 Layer II/III Format: MPG/DAT, VCD</p> <p>MPEG-4 Resolution : 720x480@25fps 640x480@30fps Bit Rate : 4Mbps Audio : AAC Format : MP4, m4s2 (Casio EX-Z750), Simple and complex Profile without 4MV</p> <p>xvid Resolution : 720x480@25fps 640x480@30fps Bit Rate : 4Mbps Audio : MPEG-1 Layer III, AAC, APCM Format : AVI</p>
<p>Audio playback (Up to 8 hours from a full charge- Screen turned off)</p>	<p>MP3: MPEG-1 Layer I/II/III, sample rate up to 48KHz, bitrate 16~384kbps, CBR and VBR, Stereo or Mono, .MP3 file format WMA: WMA version 7, 8, and 9, sample rate up to 44KHz, Bitrate 32~192kbps CBR. Stereo or Mono. .WMA file format AAC: MPEG4-AAC, sample rate up to 48KHz, bitrate 16~320kbps, CBR, VBR, and ABR, Stereo or Mono, .M4A or .AAC file format WAV: sample rate up to 48KHz, Stereo or Mono, un-compressed 8 or 16bits PCM in MS-RIFF WAV (.WAV) file format CDA: CD-Audio (16bits 44.1KHz stereo) Support M3U Playlist type files (m3u extension file)</p>
<p>Photo viewer</p>	<p>JPEG: Baseline YUV TIFF: 1 and 8 bits grayscale, 8 bits indexed-color, 8 and 16 bits true color BMP: Monochrome, 8 bits indexed-color, RGB, RLE8 RAW files supported cameras (may require upgrade to the latest Firmware from Support webpage):</p> <p>Canon: 1Ds Mark-II, 1D Mark-II N, 1Ds, 1D-II, 1D, 30D, 20D, 10D, 300D(Digital Rebel, Kiss Digital), D30, Power Shot G1/G2/G3/G5, EOS 350D, Digital Rebel XT, EOS 5D Nikon: D200, D100, D70, D1X, D1, D2X, D50 Fujifilm: S2/S3 Pro ,S9500 (RAF), S9000 Olympus: E-1, E-300, E500 Kodak: DSC Pro SLR/c, DSC Pro SLR/n, DSC Pro 14n, P850, P880 Pentax camera RAW (.PEF)istD & isdtDL. Minolta A1, A2 , A200, DiMage 7 Minolta Maxxum 5D Konica Minolta 7D (MRW). Panasonic DMC-FZ30 Contax N Digital Lecia R8/R Sony DSC-R1 Zoom IN/Out -Rotate EXIF data with Histogram Slideshow with background music</p>

Supported Memory Cards (Transfer up to 20GB of data from a full charge)	Compact Flash™ Card type I/type II (CF) Smart Media™ Card (SM) Memory Stick® (MS) Secure Digital Card (SD) MultiMedia Card (MMC) MicroDrive xD Mini-SD, RS-MMC, MS Duo, MS Pro Duo require adapter (not included).
Hard Disk Size	2.5 inch, Laptop style hard drive (user upgradeable)
AV device	Analog AV-OUT composite RCA jack Stereo earphone jack
Display	2.5 “LTPS TFT high resolution LCD
Interface	USB 2.0 (compatible USB 1.1)
Power	5V/2.5A DC IN, Li-ion 3.7V 1800 mAh battery Model : FUJI NP-120
TV system	PAL / NTSC
Remote Control	IrDA, (Lithium Battery CR2025 3V x1)
Dimensions (WxLxH)	128x76.5x30mm
Weight	282gr (Included 2.5” HDD & battery pack)
System OS	Windows98/98SE with driver Windows ME/Win 2000 SP3 or above/XP Linux Kernel version 2.4 or above without driver Mac OS 10.01 or above without driver Note: MVP unit doesn't support Windows 2000 SP1 , SP2 , please upgrade to SP3 or above.

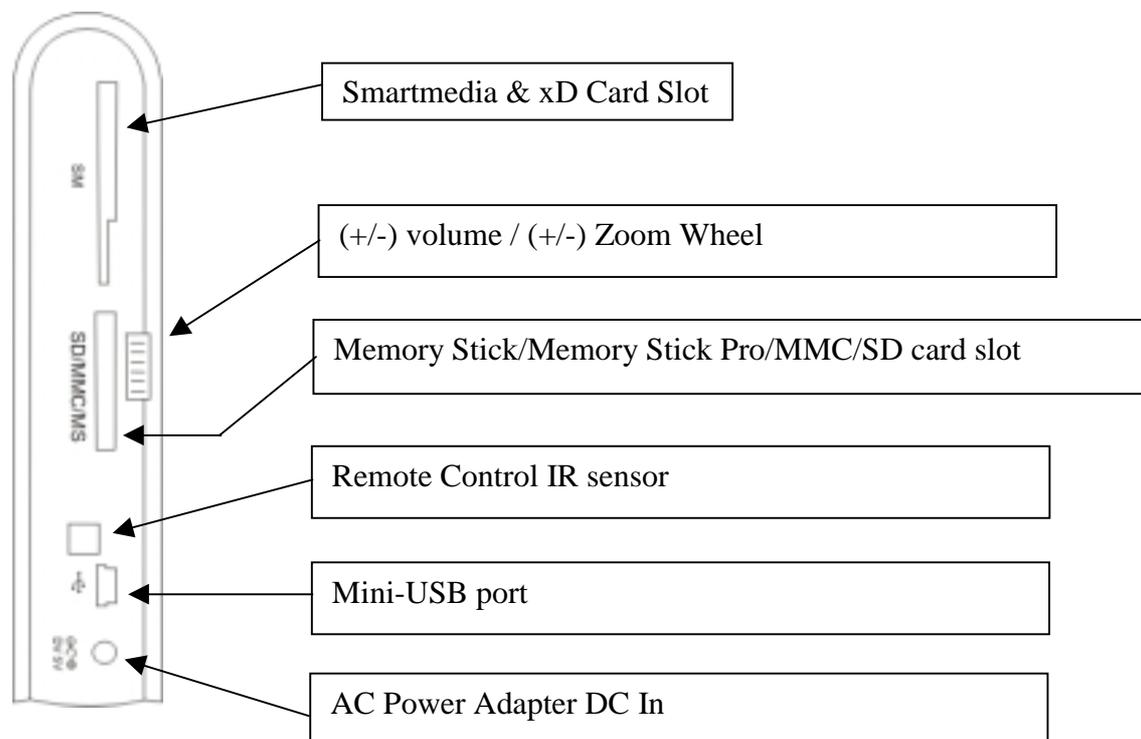
4 - KEY PAD FUNCTIONS



5 - RIGHT SIDE PANEL



6 - LEFT SIDE PANEL (LEFT)



7 - CHARGING THE BATTERY

Before initial use you need to charge the MVP internal battery using the AC adapter for at least 4 –6 hours with the unit powered off. To charge the battery, connect the AC adapter's cable into the DC 5V inlet and plug the AC adapter into an electrical outlet. The AC adapter is a universal automatic voltage-switching adapter that works from 110V-240V electrical outlets.

The charge light lights RED while the battery is charging. The charge light turns OFF when battery is fully charged.

8 - TURNING YOUR MVP ON AND OFF

To turn on the MVP, press and hold the power button for 2-3 seconds (or until the blue screen shows up) and release. The GREEN power light turns on.

To turn off the MVP, press and hold the power button for 3-4 seconds and release. The GREEN power light turns off.

9 - HOME SCREEN

When you turn on the MVP, the Home screen appears. You can return to the Home screen at any time by pressing and holding the <ESC> button until you reach the Home screen.

Use the Joystick to highlight one of the icons, then press the <OK> button to select.



10 - INSERTING AND REMOVING MEMORY CARDS

The MVP has three memory card slots.

The C/F Card slot supports the following cards:

- CompactFlash, Type I and II
- Microdrive™ (3.3V)

The SD Card slot supports the following cards:

- SD card (Secure Digital)
- MultiMedia card (MMC V 2.1 or later)
- Memory Stick (MS)
- Memory Stick Pro (MS Pro), Duo Cards Require the use of MS-Adapter (provided by Memory card manufacturer or Sony)

SM Card slot supports the following cards:

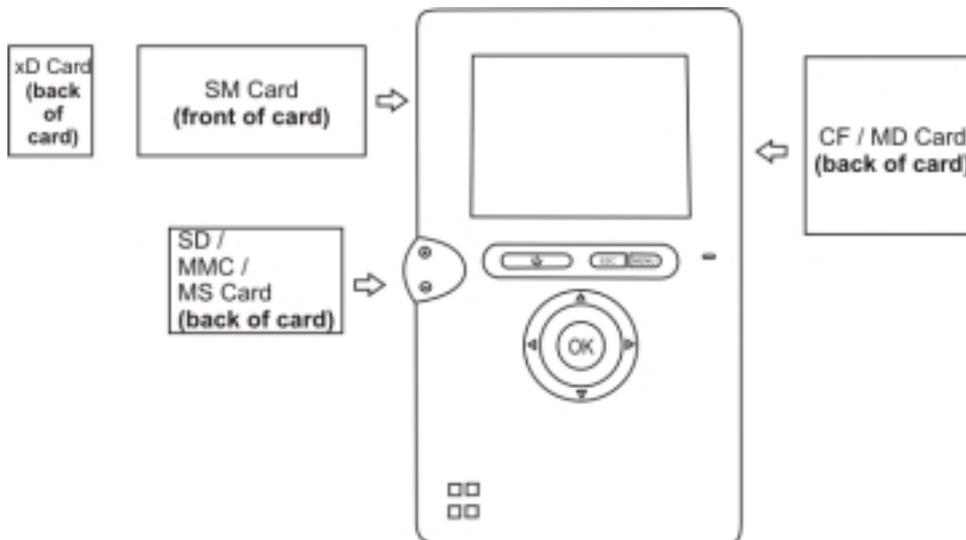
- Smart Media Card (SM)
- xD Memory Cards

You can also use the following types of memory cards with a CompactFlash or any other type adapter (not included):

- Mini SD
- RS-MMC
- MS Duo
- MS Pro Duo

Caution:

Never remove a memory card while it is being accessed. Doing so may cause files to be lost or Card damage. Do not put labels or stickers on memory cards. The sticker may peel off, preventing the card from being ejected and damaging the MVP unit.



MEMORY CARD PROPER INSERTION ORIENTATION

USING THE COMPACT FLASH CARD SLOT

Open the C/F card rubber door. Insert the memory card into the slot with the back of the card facing the screen. Push memory card slowly into the slot. If you are using a Compact Flash adapter, put the card into the adapter and insert the adapter into the slot.

Caution:

Make sure you insert memory cards in the correct orientation, stright in and pull them stright out. Otherwise, the card and MVP will be damaged. Damaging memory card slot due to wrong insertion is not covered under warranty.

To remove a card from the C/F Card slot, first make sure the card is not being accessed. Pull the memory card straight out to remove the card.

Note:

If you are using a CompactFlash adapter, remove the adapter from the MVP; do not remove only the memory card.

USING THE SECURE DIGITAL CARD SLOT

Insert the memory card into the slot with the back of the card facing the screen. Push the memory card into the slot.

Caution:

Make sure you insert memory cards in the correct orientation. Otherwise, the card and MVP will be damaged.

To remove a card from the SD Card slot, first make sure the card is not being accessed. Pull out to remove the card.

USING THE XD/SM CARD SLOT

Insert the memory card into the slot. SM cards with the front (Gold contacts) of the card facing the screen. XD cards with back of the card facing the screen. Push the memory card into the slot.

Caution:

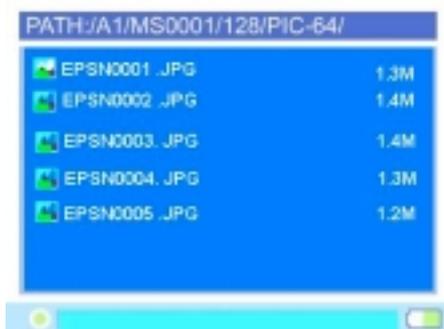
Make sure you insert memory cards in the correct orientation. Otherwise, the card and MVP will be damaged.

To remove a card from the slot, first make sure the card is not being accessed. Pull out to remove the card.

11 - VIEW AND COPY FILES FROM A MEMORY CARD

After inserting a memory card into the MVP, you can browse the files or copy them to the MVP. Insert the memory card as described previously. Type of memory card or card name will show on the MVP Home screen. Use the Joystick to scroll down if you cannot see the card on the first screen.

Using the Joystick highlight Memory Card. Press <Ok> to access the card. Folder and files on the card will be displayed in an Icon view mode or List view mode toggled using the <Menu> button as seen below.



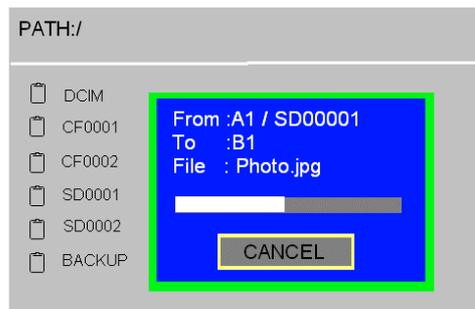
List View



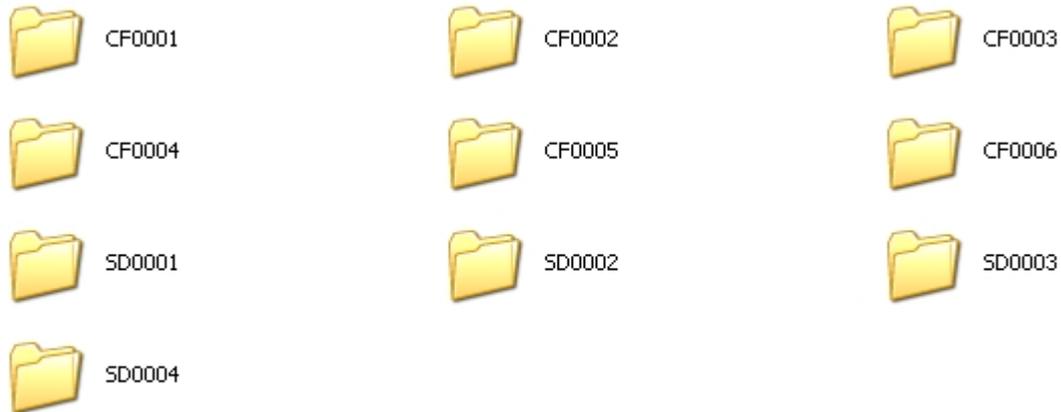
Icon View

To copy the contents of the memory card to the MVP internal Hard Drive:

- Use the <ESC> key to reach the Home Screen.
- Highlight the Memory card using the Joystick.
- Select <MENU>
 1. Choose either Full Backup to make an exact duplicate copy of all information found on the Memory card
Or
 2. Select Photo Backup to just backup photos (JPEG) and camera movie files (AVI). Copy Status will display on screen
- To Cancel Press <OK>



Each time <Backup> is selected the contents of the Memory card will be copied to the [Backup] Folder on the *MVP* Home Screen. Data from Memory cards are stored in separate sub-folders. The folders are assigned alphanumeric names dependent on the type of memory card used; i.e. CF0000, CF00001, CF0002 CF9999 are files copied from CF type of memory card as seen in the figure below. The same naming structure is true for all other types of memory cards, i.e; SD0001, MS0001 etc.



To view the contents of the copied data from the Home Screen select the folder [BACKUP}and press <OK>. Select Folder and press <OK>.

Please note; even if the same card is copied twice, the same data will be copied to two separate folders, eliminating the possibility of overwriting existing data.

12 - CONNECTING THE MVP TO THE COMPUTER

Windows ME, Windows XP Home Edition/Professional Edition, Win2000 Professional SP3 and above, Mac OS 10.1.x and above do not require installation of any Drivers. The Operating system will automatically detect the *MVP* Drives. For Windows operating systems Four drives will appear under “My Computer” as seen below.



Drive letters are assigned by the operating system based on the next available free driver letter.

On a Mac system the Wolverine Drives will automatically appear on the Desktop. Double click to access the contents of the drives.

Windows 98/98SE

BEFORE CONNECTING THE MVP UNIT

1.	Insert the included CD into the CD-ROM Drive
2.	From “My Computer” double click on the CD-ROM drive
3.	Select Windows Folder
4.	Double click on “Setup.exe” to begin Driver installation. Press “Next” and follow on screen instructions
5.	Restart computer after installation is complete
6.	Connect the <i>MVP</i> to your computer
7.	FOUR new drives as shown in above figure should appear under “My Computer”

Note For Windows 98 and ME users:

If only three drives appear under “My Computer” then perform the following:

- Go to “Start”
- Select “Control Panel”
- Select “System”
- Select “Device Manager”
- Double click on “Disk Drives”
- Double click on each of the Wolverine drives
- Click on “Settings” Tab
- Make sure the box beside “Removable” is checked. Click on the Box to check and press "ok" to exit.

Restart computer when instructed.

Macintosh MacOS 9.x

1.	Insert CD into the CD-ROM drive
2.	Browse the CD contents for the location of MacOS Drivers
3.	Double click on file and follow installation instructions
4.	Restart your computer after installation is complete
5.	Connect the <i>MVP</i> to the computer

13 - MANAGING FILES AND FOLDERS ON THE MVP USING YOUR COMPUTER

Ready to view, edit, print or transfer your data to a computer or from the computer to the *MVP*, simply connect the *MVP*'s USB cable (provided) mini jack into the *MVP* USB port and the other jack to any computer USB port.

Connect directly to USB ports that are attached to the computer's motherboard. Do not use USB ports from hubs, Docking stations or Front USB ports

Turn on the *MVP* by pressing and holding the power button for 2-3 seconds. At initial usage the computer system will cycle through installing four new drivers (in windows XP a message that the hardware is ready for use will appear indicating that the device is installed and ready).

- In Windows double click on "My Computer". For Mac. The *MVP* drives will appear on the Desktop screen
- Under "My Computer" the *MVP* will show four new drives as shown below



*Please, note that drive letters are assigned by your computer operating system and are dependent on the next available unused driver letter. Example above shows the Wolverine labeled as drive (L:) represents the *MVP*'s internal hard drive and the Removable drives (I:), (J:) and (K:) represent the three built-in memory card slots.*

- Double Click on the Wolverine Drive to access the contents of the *MVP* hard drive
- The *MVP* hard drive is organized in the following folders structure:



- [Backup] folder is where all files are stored when copying directly from memory cards to the *MVP*
- Use the [Data] folder to save or copy any data from the computer to the *MVP*

- Use the [Media Folder] where it is divided into Sub-Folders to store Music, Picture, Video and Voice



To transfer information from the computer to the *MVP* simply drag & drop or copy and paste into the appropriate folders.

To transfer a folder or the contents of a folder to your computer use the computer's operating system Copy and Paste commands or Drag and Drop to copy folder/files from the *MVP* to the computer's hard drive.

To delete folders or files access the *MVP* hard drive from under "My Computer", highlight the files or folders and choose "Delete". Empty Computer's Trash Bin before disconnecting the MVP to permanently delete file or folders.

The *MVP* also doubles as a Card Reader/Writer when connected to a computer. Insert any type of Memory Card into its slot to view content, copy, delete or add data.

Unplugging the MVP From the Computer

For Windows ME/2000/XP- Before turning off or unplugging the *MVP* from your computer click first on the "safely Remove Hardware" icon located on the Quick Launch area



Click once on the "Safely Remove Hardware" icon and then click once on the USB Mass Storage Device listed.

Mac User- Drag and drop all *MVP* Drives into the Trash Bin

14 - OPERATING THE MVP IN STAND ALONE MODE

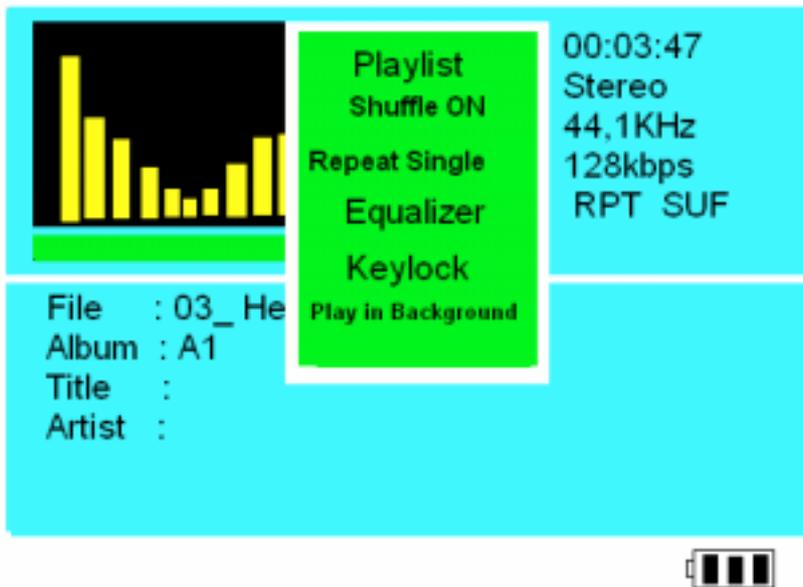
MUSIC PLAY MODE

The MVP can play several audio file formats (please, see detailed specifications at the beginning of this manual).

Music files could be stored under the Music Folder using multiple folders and subfolder:

- Highlight the Music Folder on the Home Screen
- Press <OK>
- Files/Folders can be displayed as a “List View” or “Icon View” by pressing the <MENU> button
- Highlight a music file to play using the joystick and press <OK>
- To Fast Forward push Joystick to the right
- Fast Reverse push Joystick to the left
- Next Song, push Joystick down
- Previous Song push Joystick up
- Use Volume Dial on the side of the *MVP* to increase or decrease volume

Pressing the <MENU> while in play mode provide user with options to view [Playlist]-“**Please see Appendix A for more discussion on Playlist options**”, turn on and off the [Shuffle] feature, [Repeat Single] or [Repeat All] music, select from seven [Equalizer] modes, lock the unit or play in the background as seen in below figure.



To select any option highlight using the Joystick and press <OK>.

- Press <ESC> to exit play mode
- Press and hold <ESC> to exit to the Home Screen

PICTURE PLAY MODE

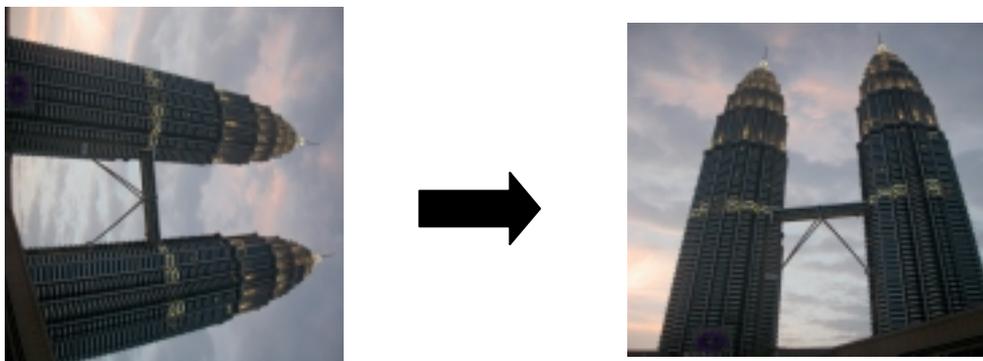
Pictures could be viewed from the (I) MVP pre-designated [Pictures] folder if pictures are copied from the computer to the MVP [Pictures] folder, (II) from the [Backup] folder if pictures are copied directly from memory cards or (III) directly from memory cards if memory cards are inserted into the MVP.

To display pictures on the MVP

- Locate picture files from aforementioned locations
- Press <MENU> to choose Icon View or List View
- Highlight picture file using the Joystick
- Press <OK>
- Press Joystick down or right for next picture
- Press Joystick up or left for previous picture
- Press the Volume dial  to zoom in , use Joystick to pan



- Press Volume dial  to zoom out
- Press <ESC> to return to full picture display
- Press <OK> to rotate pictures at 90 degrees intervals



Pressing <MENU> while in picture display mode will provide the following options:

1. Show or Hide EXIF picture information
2. Fit Screen View
3. Fit Width View
4. Slide Show. Select Slide Show timing by pushing Joystick right or left
5. Delete picture
6. Set as the MVP's Background*

*To bring back MVP to default Background picture delete the file DESKTOP.IMG file from under the folder [SYSTEM] on the MVP hard drive and restart the MVP

VIDEO PLAY MODE

Videos could be played from (I) the MVP pre-designated "Video" folder if copied from the computer to the MVP "Video" folder, (II) from the "Backup" folder if videos are copied directly from memory cards or (III) directly from memory cards if memory cards are inserted into the MVP.

To display Videos on the MVP

- locate Video files from aforementioned locations
- Press <MENU> to choose Icon View or List View
- Highlight Video file
- Press <OK>
- Push Joystick right for fast forward (may not work on all type files)
- Push Joystick left for fast backward (may not work on all type files)
- Push Joystick Up for Frame By Frame fast forward
- Push Joystick Down for Frame by Frame fast backward
- Press <OK> to pause
- Press Volume dial  to increase volume
- Press Volume dial  to decrease volume

VOICE RECORDING MODE

From the Home Screen highlight [VoiceRec] and press <OK>

- Select Record or Playback already recorded files and press <OK>
 1. Press <Menu> to choose from [Mic-In] to record using the built-in microphone or [Line-In] to record from an auxiliary source using the line-in cable. Press <OK> to select. Quality of recording or disable Audio Out (AOUT) function are also selected from thi list.
 2. Use the Joystick to highlight [Quality] option. Press <OK> to select. Use Joystick to choose recording quality and press <OK> to select
 3. Use Joystick to highlight [Disable AOUT] or [Enable AOUT] and press <OK> to select to disable or enable listening to the recording through headphones
- Press <OK> to start recording where the green circle showing on the screen will turn red while recording
- Press <OK> again to pause recording. Press <OK> to resume recording
- To finish and save recording press <Esc>

To listen to recorded file:

- Press and hold <ESC> until you reach the Home Screen
- Highlight the MVP hard drive using the Joystick and press <OK>
- Highlight Folder [Media] using the Joystick and press <OK>
- Highlight the Folder [AudioRec] and press <OK>
- Highlight file and press <OK> to play

Voice Playback uses the same functions and options as the Audio Play Mode described previously.

OPTION MODE

The option mode is used to manage the MVP “System” functions, “Display” options and to display firmware “Version”.

To access the Option Mode

- From the Home Screen highlight [Options]
- Press <OK>
- Press the <MENU> button to toggle between “System”, “Display” and “Version”

System Functions

Use Joystick to highlight function and press <OK> to choose:

- Language – use the volume dial or joystick to choose from 12 different languages – press <OK> to select
- Auto Shutdown Timer – use the volume dial to set auto shut down time from 1-30 min. – press <OK> to select. Auto Shutdown will turn the unit off if not used for the specified time
- Copy Speed (HD) – use volume dial to choose between Normal, High and Ultra speed – press <OK> to select
- Copy Speed (CF) – use volume dial to choose between Normal, High and Ultra speed – press <OK> to select. Low speed memory cards cannot take advantage of these settings

Display Settings

Press <MENU> to select “Display”. Use the Joystick to highlight option and press <OK> to select from the following:

- File View Mode – use the volume dial to choose from Auto View, Icon View and List View – press <OK> to select
- Screen Saver Timer – use the volume dial to set auto screen shut down from Off to 180 seconds – press <OK> to select
- LCD Backlight – use the volume dial to set LCD brightness – press <OK> to select
- Cursor Color – use the volume dial to set Cursor colors – press <OK> to select
- Text Color – use the volume dial to set text colors – press <OK> to select
- TV Standard – use the volume dial to choose TV output signal as NTSC or PAL – press <OK> to select

15 - FORMATTING MVP HARD DRIVE

Formatting the MVP hard drive should only be performed using the MVP Formatting option. Do not use Windows or Mac. operating systems to reformat the MVP Hard drive.

WARNING



Formatting the MVP hard drive will DELETE ALL information stored into the MVP hard drive. Backup needed data from the MVP before formatting.

To Format MVP Hard drive:

- Press <ESC> and hold until you reach the Home Screen
- Highlight MVP Hard Drive
- Press <MENU>

- Use Joystick to highlight “Format Disk”
- Press <OK> to select
- Follow Screen confirmation and wait until formatting is complete

Do not turn off the MVP or choose any other options until formatting is complete.

16 - FILE AND FOLDER OPERATION

The MVP has a unique feature where you could copy, paste and delete files or folders on the MVP hard drive or memory card when inserted into the MVP. Files or folders could be copied and pasted into other locations on the MVP hard drive or to memory cards.

To Delete a file or folder

- Highlight file or folder to be deleted
- Press <MENU>
- Use the Joystick to highlight [DELETE]
- Press <OK>
- Confirm

To Copy and Paste file or folder

- Highlight file or folder to be copied
- Press <MENU>
- Use the Joystick to highlight [COPY]
- Press <OK>
- Press <OK> to confirm

To Paste copied file

- Use navigation keys to reach desired folder where to paste
- Press <MENU>
- Use Joystick to highlight [PASTE]
- Press <OK>
- Choose <YES> to paste file from clipboard to current on screen location

17 - REPLACING BATTERY

Use only **FUJIFILM NP-120 1800mAh 3.7V** rechargeable Li-ion battery to replace the MVP battery.

To replace the MVP battery remove the screw holding the battery compartment and slide down and out. Pull gently the battery out of the MVP and replace with new.

18 - RESET BUTTON

A small reset hole is located at the back of the MVP. With a thin paper clip press the reset button and release to shut the MVP in case you experience any erroneous errors or the MVP stop responding to commands.

*** Data saved on the MVP will not be affected by pressing the Reset button ***

19 - FIRMWARE AND MANUAL UPDATES

The MVP is a firmware upgrade able unit. From time to time Wolverine Data may publish new firmware for the MVP to add new features. All Firmware updates are available on the website www.wolverinedata.com under Downloads on the Support webpage.

20- TECHNICAL SUPPORT

For technical support, warranty service, or paid service please contact Wolverine Data at Support@wolverinedata.com or by calling 949-251-9888 M-F 9:00-5:00 PST

APPENDIX A

PLAYLIST

The MVP has two options for playlist. You could either organize the playlist on the computer by generating an M3U type of playlist and saving it on the MVP or a temporary playlist that is generated by the MVP when you play any song from a specific folder on the MVP .

M3U Playlist:

Creating M3U type of playlist will require Windows Media Player, WinAmp or similar programs. You load in the songs FROM the MVP into the computer Media Player, create a playlist, add the songs you want, save the playlist as M3U type of playlist on the MVP Music Folder root directory (or any other location).

When you unplug the MVP from the computer the playlist.m3u type of file will show in the music folder. Press <OK> on the playlist file and the playlist will load in all the songs from the different folders and subfolders you have on the MVP.

MVP temporary Playlist:

If you are playing any song from a specific folder all the songs in the folder will be loaded in the MVP created Playlist. If you would like to add more folders or songs to the current playing Playlist then while the song is playing your press <menu> and then select "Play in the Background". This action will take you back to the folders and file listing. At this point you will highlight any folder or file you want to add to the playlist, press <menu> and select " Add to Playlist".

Playing i-Tune Music Files:

The MVP can play i-Tune m4a type of files directly without converting them back to MP3 or WMA type of files. From the i-Tune screen just drag and drop the songs or folders into the MVP music folder or other folders and play.