

# Digital Video Camcorder

Mini DV Digital  
Video Cassette

**VP-D361(i)/D361W(i)/D362(i)/D363(i)/D364W(i)/D365W(i)**

- AF** Auto Focus  
**CCD** Charge Coupled Device  
**LCD** Liquid Crystal Display

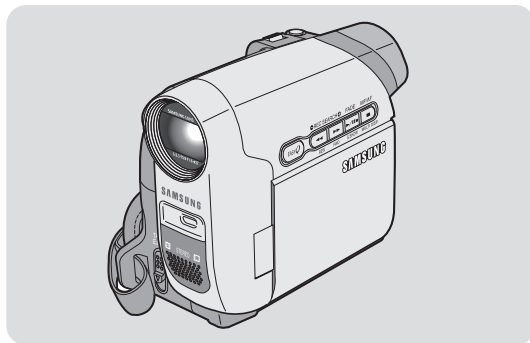


## RoHS compliant

Our product complies with "The Restriction Of the use of certain Hazardous Substances in electrical and electronic equipment", and we do not use the 6 hazardous materials- Cadmium(Cd), Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr<sup>6+</sup>), Poly Brominated Biphenyls (PBBs), Poly Brominated Diphenyl Ethers(PBDEs)- in our products.

## Owner's Instruction Book

Before operating the unit, please read this Instruction Book thoroughly, and retain it for future reference.



**SAMSUNG**



This product meets the intent of  
Directive 89/336 CEE, 73/23 CEE, 93/68 CEE.

Use only approved battery packs.  
Otherwise, there is a danger of overheating, fire or explosion.  
Samsung is not responsible for problems occurring due to using unapproved batteries.

# Contents

<b>Notes and Safety Instructions .....</b>	<b>5</b>
--	----------

<b>Getting to Know Your Camcorder .....</b>	<b>7</b>
---	----------

Features .....	7
Accessories Supplied with Camcorder .....	8
Front & Left View .....	9
Left Side View .....	10
Right & Top View .....	11
Rear & Bottom View .....	12
Remote Control (VP-D363(i)/D364W(i)/D365W(i) only) .....	13

<b>Preparation .....</b>	<b>14</b>
--------------------------	-----------

Using the Hand Strap & Lens Cover .....	14
Lithium Battery Installation .....	15
Using the Lithium Ion Battery Pack .....	16
Connecting a Power Source .....	19
About the Operating Modes .....	19
Using the QUICK MENU .....	20
OSD (On Screen Display) in Camera/Player Modes .....	21
OSD (On Screen Display) in M.Cam/M.Player Modes (VP-D363(i)/D364W(i)/D365W(i) only) .....	22
Turning the OSD (On Screen Display) On/Off .....	22

<b>Initial Setting : System Menu Setting .....</b>	<b>23</b>
--	-----------

Setting the Clock ( <b>Clock Set</b> ) .....	23
Setting the Wireless Remote Control Acceptance ( <b>Remote</b> ) (VP-D363(i)/D364W(i)/D365W(i) only) .....	24
Setting the Beep Sound ( <b>Beep Sound</b> ) .....	25

Setting the Shutter Sound ( <b>Shutter Sound</b> ) (VP-D363(i)/D364W(i)/D365W(i) only) .....	26
Selecting the OSD Language ( <b>Language</b> ) .....	27
Viewing the Demonstration ( <b>Demonstration</b> ) .....	28

<b>Initial Setting : Display Menu Setting .....</b>	<b>29</b>
---	-----------

Adjusting the LCD Screen ( <b>LCD Bright/ LCD Colour</b> ) .....	29
Displaying the Date/Time ( <b>Date/Time</b> ) .....	30
Setting the TV Display ( <b>TV Display</b> ) .....	31

<b>Basic Recording .....</b>	<b>32</b>
------------------------------	-----------

Using the Viewfinder.....	32
Inserting / Ejecting a Cassette .....	32
Various Recording Techniques.....	33
Making your First Recording .....	34
Recording with Ease for Beginners ( <b>EASY.Q Mode</b> ) .....	35
Reviewing and Searching when Recording ( <b>REC SEARCH</b> ) .....	36
Searching a quickly for a desired scene ( <b>Setting the Zero Memory</b> ) (VP-D363(i)/D364W(i)/D365W(i) only) .....	37
Self Record using the Remote Control ( <b>Setting the Self Timer</b> ) (VP-D363(i)/D364W(i)/D365W(i) only).....	38
Zooming In and Out .....	39
Using the Tele Macro .....	39
Using the Fade In and Out.....	40
Using Back Light Compensation Mode ( <b>BLC</b> ) .....	41
Using the COLOR NITE ( <b>COLOUR NITE</b> ) .....	42
Using the LIGHT (VP-D364W(i)/D365W(i) only) .....	43

# Contents

## **Advanced Recording.....44**

Selecting the Record Mode & Audio Mode .....	44
Cutting Off Wind Noise ( <b>WindCut Plus</b> ) .....	45
Selecting the Real Stereo .....	46
Setting the Shutter Speed & Exposure .....	47
Auto Focus / Manual Focus .....	48
Programmed Automatic Exposure Modes ( <b>Program AE</b> ) .....	49
Setting the White Balance .....	51
Applying Visual Effects .....	52
Setting the 16:9 Wide .....	54
Setting the Digital Image Stabilizer ( <b>DIS</b> ) .....	55
Zooming In and Out with Digital Zoom ( <b>Digital Zoom</b> ) .....	56
Still Image Recording .....	57
Searching for a still image .....	57

## **Playback .....58**

Playing Back a Tape You have recorded on the LCD Screen..	58
Various Functions while in Player Mode .....	59
Zooming during Playback ( <b>PB ZOOM</b> ) .....	61
Audio Dubbing (VP-D363(i)/D364W(i)/D365W(i) only) .....	62
Dubbed Audio Playback .....	63
Tape Playback .....	64
Audio Effect .....	66
Setting the AV In/Out .....	
(VP-D361i/D361Wi/D362i/D363i/D364Wi/D365Wi only) .....	67

## **Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only) ..68**

Using the Memory Card (**Usable Memory Card**) (not supplied)..68

Memory Card Functions.....	68
Inserting a Memory Card .....	68
Ejecting a Memory Card .....	68
Structure of Folders and Files on the Memory Card .....	69
Selecting the Memory Type (VP-D365W(i) only) .....	70
Selecting the Photo Quality .....	71
Setting the File Number .....	72
Taking a Photo Image (JPEG) on the Memory Card.....	73
Viewing Photo Images (JPEG) .....	74
To view a Single Image .....	74
To view a Slide Show .....	74
To view the Multi Display .....	74
Protection from accidental Erasure .....	75
Deleting Photo Images and Moving Images .....	76
Formatting the Memory Card .....	78
Recording Moving Images (MPEG) on the Memory Card .....	79
Playing Moving Images (MPEG) on the Memory Card .....	
<b>(M.Play Select)</b> .....	80
Recording a Moving Image from a Cassette as a Photo Image.....	81
Copying Still Images from a Cassette to Memory Card .....	
<b>(Photo Copy)</b> .....	82
Copies Files from the Memory Card to the Built-in .....	
Memory <b>(Copy to)</b> (VP-D365W(i) only).....	83
Marking Images for Printing <b>(Print Mark)</b> .....	84
Removing the Print Mark .....	84

## **PictBridge™ (VP-D363(i)/D364W(i)/D365W(i) only) .....85**

Printing Your Pictures – Using the PictBridge™ .....85

# Contents

Connecting To a Printer .....	85
Selecting Images .....	86
Setting the Number of Prints .....	86
Setting the Date/Time Imprint Option .....	86
Printing Images .....	86
Canceling the Printing .....	86
<b>IEEE 1394 Data Transfer .....</b>	<b>87</b>
Transferring IEEE1394 (i.LINK)-DV Standard Data Connections (VP-D361i/D361Wi/D362i/D363i/D364Wi/D365Wi only) .....	87
Connecting to a DV Device (DVD Recorder, Camcorder, etc)...	87
Connecting to a PC .....	87
System Requirements.....	87
Recording with a DV Connection Cable .....	88
<b>USB Interface (VP-D362(i)/D363(i)/D364W(i)/D365W(i) only) ..</b>	<b>89</b>
Using USB Interface	
(VP-D362(i)/D363(i)/D364W(i)/D365W(i) only) .....	89
Transferring a Digital Image through a USB Connection .....	89
USB Connection Speed depending on the System .....	89
System Requirements.....	89
Selecting the USB Device ( <b>USB Connect</b> )	
(VP-D363(i)/D364W(i)/D365W(i) only) .....	90
Installing DV Media PRO Program .....	91
Connecting to a PC .....	92
Disconnecting the USB Cable .....	92
Using the PC Camera Function.....	93
Using the USB Streaming Function .....	94
Using the removable Disk Function	
(VP-D363(i)/D364W(i)/D365W(i) only) .....	94
<b>Maintenance .....</b>	<b>95</b>
After Finishing a Recording .....	95
Usable Cassette Tapes .....	95
Cleaning and Maintaining the Camcorder .....	96
Using Your Camcorder Abroad .....	97
<b>Troubleshooting .....</b>	<b>98</b>
Troubleshooting .....	98
Self Diagnosis Display .....	98
Self Diagnosis Display in M.Cam/M.Player Modes	
(VP-D363(i)/D364W(i)/D365W(i) only) .....	99
Setting menu items.....	101
<b>Specifications .....</b>	<b>103</b>
<b>Index .....</b>	<b>104</b>
<b>Power Sources (United Kingdom Only).....</b>	<b>105</b>

## Notes and Safety Instructions

### Notes regarding the Rotation of the LCD Screen

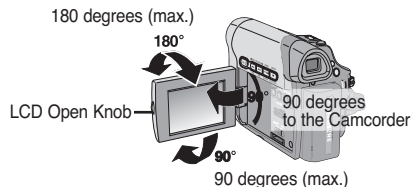
Please rotate the LCD Screen carefully as illustrated.

Over rotation may cause damage to the inside of the hinge that connects the LCD Screen to the Camcorder.

1. Open the LCD Screen 90 degrees to the Camcorder with your finger.
2. Rotate it to the best angle to record or play.
  - If you rotate the LCD Screen 180 degrees to the lens side, you can close the LCD Screen with it facing out.
  - This is convenient during playback operations.

#### [Note]

Refer to page 29 to adjust brightness and colour of the LCD Screen.

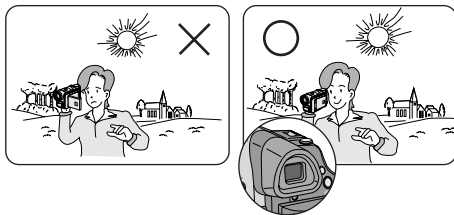


### Notes regarding the LCD Screen, Viewfinder, Lens

1. Direct sunlight can damage the LCD Screen, the inside of the Viewfinder or the Lens.

Take pictures of the sun only in low light conditions, such as at dusk.

2. The LCD Screen has been manufactured using high precision technology.  
However, there may be tiny dots (red, blue or green in colour) that appear on the LCD Screen. These dots are normal and do not affect the recorded picture in any way.
3. Do not pick up the Camcorder by holding the Viewfinder, LCD Screen or Battery Pack.
4. Applying excessive force to the Viewfinder may damage it.




### Notes regarding the Video Head Cleaning

- To ensure normal recording and a clear picture, clean the video heads regularly.  
If a square block-shape distorts playback, or only a blue screen is displayed, the video heads may be dirty.  
If this happens, clean the video heads with a dry type cleaning cassette.
- Do not use a wet-type cleaning cassette. It may damage the video heads.

# Notes and Safety Instructions

## Notes regarding Camcorder

- Do not leave the Camcorder exposed to high temperatures (above 60 °C or 140 °F).  
For example, in a parked car in the sun or exposed to direct sunlight.
- Do not let the Camcorder get wet. Keep the Camcorder away from rain, sea water, and any other form of moisture.  
If the Camcorder gets wet, it may get damaged. Sometimes a malfunction due to exposure to liquids cannot be repaired.
- A sudden rise in atmospheric temperature may cause condensation to form inside the Camcorder.
  - When you move the Camcorder from a cold location to a warm location (e.g. from outside to inside during the winter.)
  - When you move the Camcorder from a cool location to a hot location (e.g. from inside to outside during the summer.)
- If the  (DEW) protection feature is activated, leave the Camcorder for at least two hours in a dry, warm room with the cassette compartment opened and the Battery Pack removed.

## Notices regarding Copyright

Television programmes, video tapes, DVD titles, films, and other programme materials may be copyrighted.

Unauthorized copying of copyrighted material may be against the law.

All the trade names and registered trademarks mentioned in this manual or other documentation provided with your Samsung product are trademarks or registered trademarks of their respective holders.

## Servicing & Replacement Parts

- Do not attempt to service this Camcorder yourself.
- Opening or removing covers may expose you to dangerous voltage or other hazards.
- Refer all servicing to qualified service personnel.
- When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer and having the same characteristics as the original part.
- Unauthorized substitutions may result in fire, electric shock or other hazards.



**Correct Disposal of This Product**  
**(Waste Electrical & Electronic Equipment)**

**(Applicable in the European Union and other European countries with separate collection systems)**

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

# Getting to Know Your Camcorder

## Features

- **Digital Data Transfer Function with IEEE1394**  
By incorporating the IEEE 1394 (i.LINK™: i.LINK is a serial data transfer protocol and interconnectivity system, used to transmit DV data) high speed data transport port, both moving and photo images can be transferred to a PC, making it possible to produce or edit various images.
- **USB Interface for Digital Image Data Transfer (VP-D362(i)/D363(i)/D364W(i)/D365W(i) only)**  
You can transfer images to a PC using the USB interface without an add-on card.
- **PHOTO**  
The PHOTO function lets you capture an object as a still, while in **<Camera mode>**.
- **1200x Digital Zoom**  
Allows you to magnify an image up to 1200 times its original size.
- **Audio Enhancement**  
Provides more powerful sound by added Real Stereo and Audio Effect functionalities.
- **Colour TFT LCD**  
A high-resolution colour TFT LCD gives you clean, sharp images as well as the ability to review your recordings immediately. A high-resolution colour TFT LCD of 230K pixels supports 16:9 aspect ratio of VP-D361W(i)/D364W(i)/D365W(i).
- **Digital Image Stabilizer (DIS)**  
The DIS compensates for any handshake, reducing unstable images particularly at high magnification.
- **Various Visual Effects**  
The Visual Effects allows you to give your films a special look by adding various special effects.
- **Back Light Compensation (BLC)**  
The BLC function compensates for the bright background behind a subject you're recording.
- **Program AE**  
The Program AE enables you to alter the shutter speed and aperture to suit the type of scene/action to be filmed.
- **High Power Zoom Lens**  
Power Zoom lens allows users to magnify the subject clearly up to x33.
- **Digital Still Camera Function (VP-D363(i)/D364W(i)/D365W(i) only)**
  - Using Memory Card, you can easily record and playback standard photo images.
  - You can transfer standard photo images on the Memory Card to your PC using the USB interface.
- **Moving Image Recording (VP-D363(i)/D364W(i)/D365W(i) only)**  
Moving image recording makes it possible to record video onto a Memory Card.
- **Multi Memory Card Slot (VP-D364W(i)/D365W(i) only)**  
Multi Memory Card slot is able to use Memory Stick (Duo), Memory Stick PRO, MMC and SD.
- **Built-in Memory (VP-D365W(i) only)**  
You can use digital still camera functions without a separate external Memory Card, using the built-in memory installed in your Camcorder. (VP-D365W(i): 32MB)

# Getting to Know Your Camcorder

## Accessories Supplied with Camcorder

Make sure that the following basic accessories are supplied with your digital video camera.

### Basic Accessories

1. Lithium Ion Battery Pack
2. AC Power Adapter (AA-E9 TYPE)
3. Multi Cable
4. Instruction Book
5. Lithium Battery for Remote Control  
(VP-D363(i)/D364W(i)/D365W(i) only) or Clock.  
(TYPE: CR2025)
6. Remote Control  
(VP-D363(i)/D364W(i)/D365W(i) only)
7. USB Cable  
(VP-D362(i)/D363(i)/D364W(i)/D365W(i) only)
8. Software CD  
(VP-D362(i)/D363(i)/D364W(i)/D365W(i) only)
9. Lens Cover
10. Lens Cover Strap

1. Lithium Ion Battery Pack



2. AC Power Adapter  
(AA-E9 TYPE)



3. Multi Cable



4. Instruction Book



5. Lithium Battery (CR2025)



6. Remote Control  
(VP-D363(i)/D364W(i)/  
D365W(i) only)



7. USB Cable  
(VP-D362(i)/D363(i)/  
D364W(i)/D365W(i) only)



8. Software CD  
(VP-D362(i)/D363(i)/  
D364W(i)/D365W(i) only)



9. Lens Cover



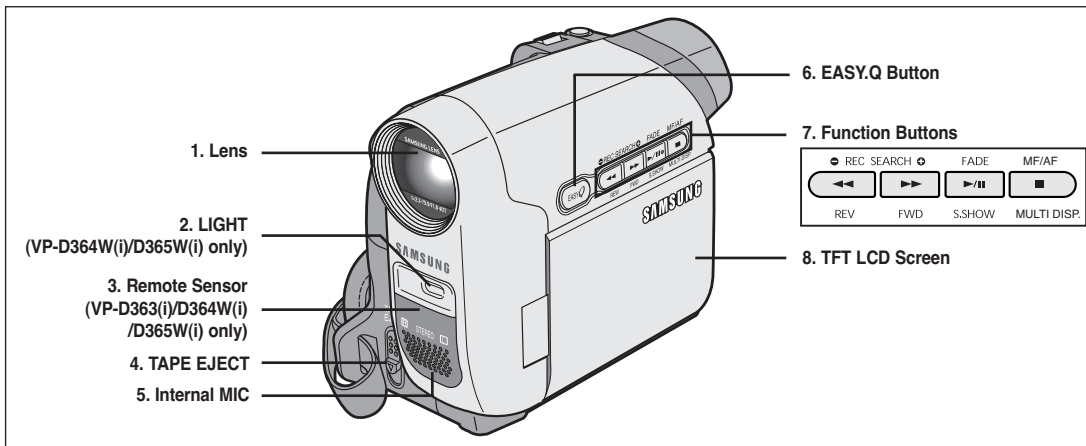
10. Lens Cover Strap





# Getting to Know Your Camcorder

## Front & Left View



1. Lens
2. LIGHT ➔ page 43  
(VP-D364W(i)/D365W(i) only)
3. Remote Sensor  
(VP-D363(i)/D364W(i)/D365W(i) only)
4. TAPE EJECT
5. Internal MIC
6. EASY.Q Button ➔ page 35

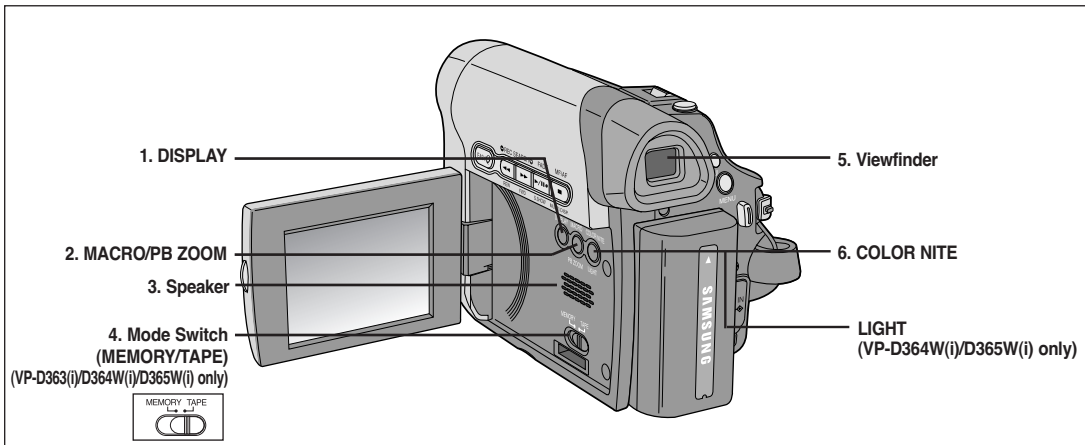
### 7. Function Buttons

Button	<Player>	<Camera>	<M.Player> (VP-D363(i)/D364W(i)/D365W(i) only)
⏮	REW	REC SEARCH -	REV
⏭	FF	REC SEARCH +	FWD
▶/II	PLAY/STILL	FADE	S.SHOW (SLIDE SHOW)
■	STOP	MF/AF	MULTI DISP. (MULTI DISPLAY)

### 8. TFT LCD Screen

# Getting to Know Your Camcorder

## Left Side View

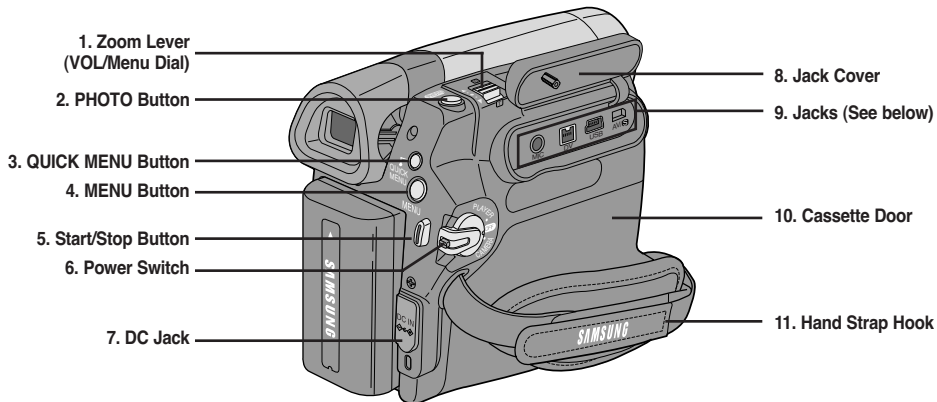


- 1. DISPLAY ➞page 21
- 2. MACRO/PB ZOOM ➞page 39 / ➞page 61
- 3. Speaker
- 4. Mode Switch (MEMORY/TAPE)  
(VP-D363(i)/D364W(i)/D365W(i) only)

- 5. Viewfinder
- 6. COLOR NITE ➞page 42  
LIGHT (VP-D364W(i)/D365W(i) only)  
➞page 43

# Getting to Know Your Camcorder

## Right & Top View



1. Zoom Lever (VOL/Menu Dial)
2. PHOTO Button ➔ page 57
3. QUICK MENU Button
4. MENU Button
5. Start/Stop Button
6. Power Switch (CAMERA or PLAYER)

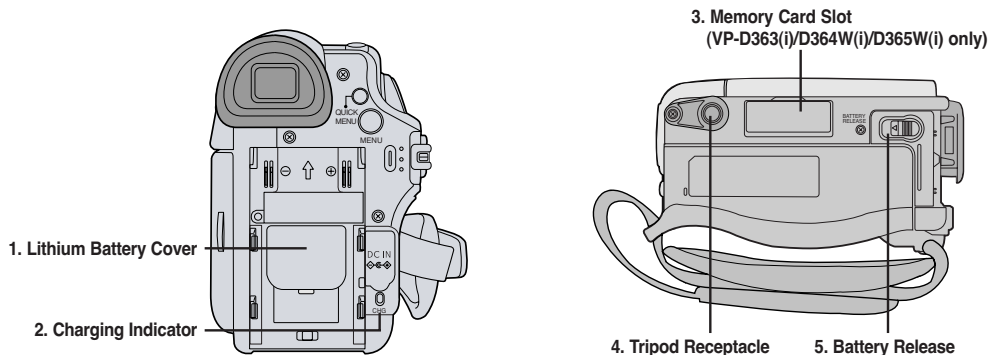
7. DC Jack
8. Jack Cover
9. Jacks
10. Cassette Door
11. Hand Strap Hook

### Jacks

VP-D361(i) /D361W(i)	External MIC	IEEE1394	Multi Cable
VP-D362(i)/ D363(i)/D364 W(i)/D365W(i)	External MIC	IEEE1394	USB Multi Cable




# Getting to Know Your Camcorder

## Rear & Bottom View



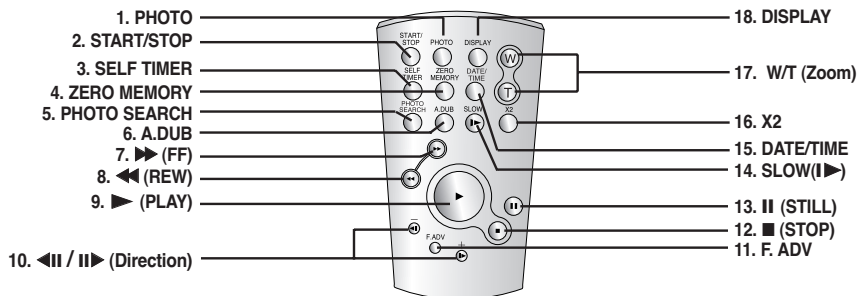
1. Lithium Battery Cover
2. Charging Indicator
3. Memory Card Slot  
(VP-D363(i)/D364W(i)/D365W(i) only)
4. Tripod Receptacle
5. Battery Release

## Memory Card Slot (Usable Memory Card)

VP-D363(i)	VP-D364W(i)/D365W(i)
 <p>SD/MMC</p>	 <p>Memory Stick Memory Stick PRO</p>
	 <p>SD/MMC</p>

# Getting to Know Your Camcorder

## Remote Control (VP-D363(i)/D364W(i)/D365W(i) only)



- |                                 |  |
|---------------------------------|--|
| 1. PHOTO Button ➞ page 57       | 10. ◀◀ / ►► (Direction) Button ➞ page 59 |
| 2. START/STOP Button            | 11. F. ADV Button ➞ page 60              |
| 3. SELF TIMER Button ➞ page 38  | 12. ■ (STOP) Button                      |
| 4. ZERO MEMORY Button ➞ page 37 | 13. II (STILL) Button                    |
| 5. PHOTO SEARCH Button          | 14. SLOW (I►) Button                     |
| 6. A.DUB Button ➞ page 22       | 15. DATE/TIME Button                     |
| 7. ►► (FF) Button               | 16. X2 Button ➞ page 60                  |
| 8. ◀◀ (REW) Button              | 17. W/T (Zoom) Button                    |
| 9. ► (PLAY) Button              | 18. DISPLAY Button                       |

# Preparation

## Using the Hand Strap & Lens Cover

It is very important to ensure that the Hand Strap has been correctly adjusted before you begin your recording.

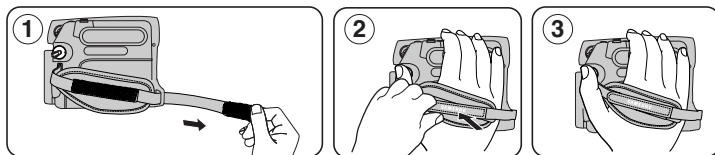
The Hand Strap enables you to:

- Hold the Camcorder in a stable, comfortable position.
- Press the [Zoom] and [Start/Stop] button without having to change the position of your hand.

### Hand Strap

#### Adjusting the Hand Strap

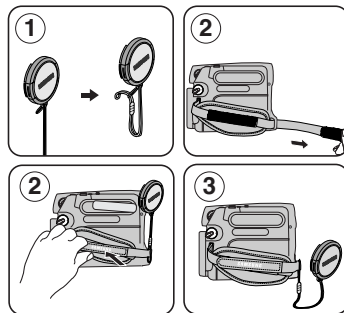
1. Insert the Hand Strap into the Hand Strap Hook on the front side of the Camcorder and pull its end through the hook.
2. Insert your hand into the Hand Strap and adjust its length for your convenience.
3. Close the Hand Strap.



### Lens Cover

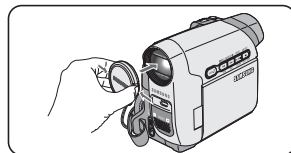
#### Attaching the Lens Cover

1. Hook up the Lens Cover with the Lens Cover Strap as illustrated.
2. Hook up the Lens Cover Strap to the Hand Strap, and adjust it following the steps as described for the Hand Strap.
3. Close the Hand Strap.



#### Installing the Lens Cover after Operation

Press buttons on both sides of the Lens Cover, then insert it to the Camcorder Lens.

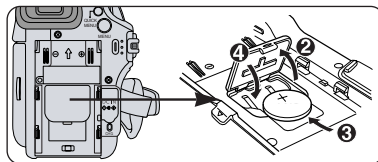


# Preparation

## Lithium Battery Installation

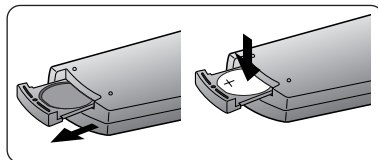
### Lithium Battery Installation for the Internal Clock

1. Remove the Battery Pack from the rear of the Camcorder.
2. Open the Lithium Battery Cover on the rear of the Camcorder.
3. Position the Lithium Battery in the Lithium Battery Holder, with the positive (+) terminal face up.  
Be careful not to reverse the polarity of the Battery.
4. Close the Lithium Battery Cover.



### Lithium Battery Installation for the Remote Control (VP-D363(i)/D364W(i)/D365W(i) only)

1. Pull out the Lithium Battery Holder toward the direction of the arrow using instruments such as a pair of tweezers.
2. Position the Lithium Battery in the Lithium Battery Holder, with the positive (+) terminal face up.
3. Reinsert the Lithium Battery Holder.



### Precaution regarding the Lithium Battery

1. The Lithium Battery maintains the clock function and preset contents of the memory; even if the Battery Pack or AC Power adapter is removed.
2. The Lithium Battery for the Camcorder lasts about 6 months under normal operation from time of installation.
3. When the Lithium Battery becomes weak or dead, the date/time indicator will display <00:00 1.JAN.2006> when you set the <Date/Time> to <On>.  
When this occurs, replace the Lithium Battery with a new one (type CR2025).
4. There is a danger of explosion if Battery is incorrectly replaced.  
Replace only with the same or equivalent type.

**Warning: Keep the Lithium Battery out of reach of children. Should a battery be swallowed, consult a doctor immediately.**

# Preparation

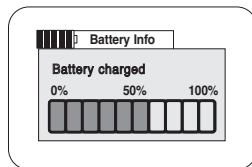
## Using the Lithium Ion Battery Pack

- ❖ Use SB-LSM80 or SB-LSM160 Battery Pack only.
- ❖ The Battery Pack may be charged a little at the time of purchase.

## Charging the Lithium Ion Battery Pack

1. Turn the **[Power]** switch to **[Off]**.
2. Attach the Battery Pack to the Camcorder.
3. Connect the AC Power adapter (AA-E9 TYPE) to a wall socket.
4. Connect the DC cable to the DC jack on the Camcorder. The charging indicator will start to blink, showing that the Battery is charging.
5. Press and hold the DISPLAY button while charging and the charging status will be displayed on the LCD for 7 seconds.
  - As indicated the battery level is given as reference data for the user, it is the approximate estimation. It may differ from Battery capacity and temperature.
6. When the Battery is fully charged, disconnect the Battery Pack and the AC Power Adapter from the Camcorder.  
Even with the Power switched Off, the Battery Pack will still discharge.

Blinking time	Charging rate
Once per second	Less than 50%
Twice per second	50% ~ 75%
Three times per second	75% ~ 90%
Blinking stops and stays on	90% ~ 100%
On for a second and off for a second	Error - Reset the Battery Pack and the DC Cable



## Charging, Recording Times based on Model and Battery Type.

- ❖ If you close the LCD Screen, it switches off and the Viewfinder switches on automatically.
- ❖ The continuous recording times given in the table to the right are approximations.  
Actual recording time depends on usage.
- ❖ The continuous recording times in the operating instructions are measured using a fully charged Battery Pack at 77 °F (25 °C).
- ❖ Even when the Power switched Off, the Battery Pack will still discharge if it is left attached to the device.

Battery \ Time	Charging time	Recording time	
		LCD On	Viewfinder On
SB-LSM80	Approx. 1hr 20min	Approx. 1hr 20min	Approx. 1hr 30min
SB-LSM160 (Option)	Approx. 3hr	Approx. 2hr 40min	Approx. 3hr



## Preparation

The amount of continuous recording time available depends on;

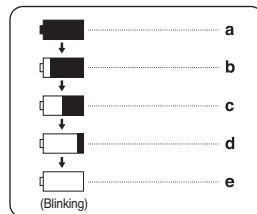
- The type and capacity of the Battery Pack you are using.
  - Ambient temperature.
  - How often the Zoom function is used.
  - Type of use (Camcorder/Camera/With LCD Screen etc.).
- It is recommended that you have several batteries available.

### Battery Level Display

The battery level display indicates the amount of power remaining in the Battery Pack.

- |                               |                |
|-------------------------------|----------------|
| a. Fully charged              | b. 20~40% used |
| c. 40~80% used                | d. 80~95% used |
| e. Completely used (Blinking) |                |

(The Camcorder will turn off soon, change the battery as soon as possible.)



### Battery Pack Management

- The Battery Pack should be recharged in an environment between 32 °F (0 °C) and 104 °F (40 °C).
- The life and capacity of the Battery Pack will be reduced if it is used in temperatures below 32 °F (0 °C) or left in temperatures above 104 °F (40 °C) for a long period of time, even when it is fully recharged.
- Do not put the Battery Pack near any heat source (i.e. fire or a heater).
- Do not disassemble, apply pressure to or heat the Battery Pack.
- Do not allow the + and – terminals of the Battery Pack to be short-circuited. It may cause leakage, heat generation, induce overheating or fire.

## Preparation

---

### Notes regarding the Battery Pack

- Please refer to the Table on page 16 for approximate continuous recording time.
- The recording time is affected by temperature and environmental conditions.
- The recording time shortens dramatically in a cold environment. As the environmental temperature and conditions vary.
- The continuous recording times in the operating instructions are measured using a fully charged Battery Pack at 77 °F (25 °C). The remaining battery time may differ from the approximate continuous recording times given in the instructions.
- It is recommended to use original Battery Pack that is available at SAMSUNG service centre.  
When the Battery reaches the end of its life, please contact your local dealer.  
The batteries have to be dealt with as chemical waste.
- Make sure that the Battery Pack is fully charged before starting to record.
- A brand new Battery Pack is not charged. Before using the Battery Pack, you need to charge it completely.
- Fully discharging a Lithium Ion Battery damages the internal cells.  
The Battery Pack may be prone to leakage when fully discharged.
- To preserve battery power, keep your Camcorder turned off when you are not operating it.
- If your Camcorder is in <Camera> mode, and it is left in <STBY> mode without being operated for more than 5 minutes with a tape inserted, it will automatically turn itself off to protect against unnecessary battery discharge.
- Make sure that the Battery Pack is fitted firmly into place.

**Do not drop the Battery Pack. Dropping the Battery Pack may damage it.**

# Preparation

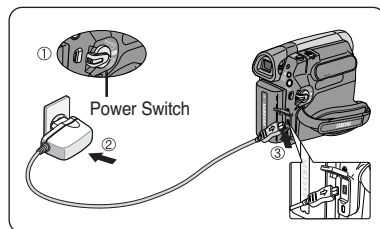
## Connecting a Power Source

- ❖ There are two types of power source that can be connected to your Camcorder.
  - The AC Power adapter: used for indoor recording.
  - The Battery Pack: used for outdoor recording.

## Using a Household Power Source

Connect to a house hold power source to use the Camcorder without worrying about the battery power. You can keep the Battery Pack attached; the battery power will not be consumed.

1. Turn the **[Power]** switch to **[OFF]**.
2. Connect the AC Power adapter (AA-E9 TYPE) to a wall socket.  
The plug and wall socket type may differ according to your resident country.
3. Connect the DC cable to the DC jack of the Camcorder.
4. Set the Camcorder to each mode by holding down the tab on the **[Power]** switch and turning it to the **[CAMERA]** or **[PLAYER]** mode.



## About the Operating Modes

- ❖ The operating modes are determined by the position of the **[Power]** switch and the **[Mode]** switch.
- ❖ Set the Operation Mode by adjusting **[Power]** switch and **[Mode]** switch before operating any functions.

Mode Name	<Camera Mode>	<Player Mode>	<M.Cam Mode>	<M.Player Mode>
<b>[Power] Switch</b>				
<b>[Mode] Switch</b> (VP-D363(i)/D364W(i) /D365W(i) only)				

### [Note]

- The <M.Cam> and the <M.Player> Modes are only enabled on VP-D363(i)/D364W(i)/D365W(i).

# Preparation

## Using the QUICK MENU

- ❖ QUICK MENU is used to access Camcorder functions by using the **[QUICK MENU]** button.
- ❖ QUICK MENU provides easier access to frequently used menus without using the **[MENU]** button.
- ❖ Functions available using the QUICK MENU are as below:

### Camera Mode

- Setting the Digital Image Stabilizer (DIS) ➡page 55
- Programmed Automatic Exposure Modes (Program AE) ➡page 49
- Setting the 16:9 Wide ➡page 54
- Setting the White Balance (White Balance) ➡page 51
- Setting the Shutter Speed (Shutter)- Only can be operated by using the QUICK MENU ➡page 47
- Setting the Exposure (Exposure)- Only can be operated by using the QUICK MENU ➡page 47
- Setting the Back Light Compensation (BLC) ➡page 41

### M.Cam Mode

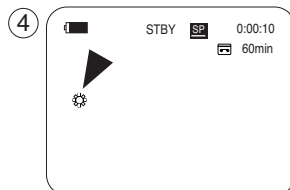
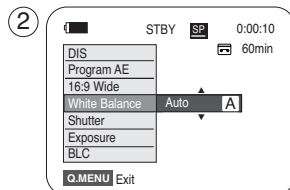
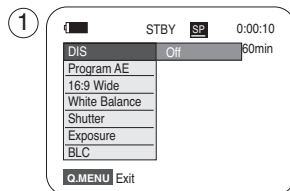
- Setting the Memory Type (Memory Type) ➡page 70
- Setting the White Balance (White Balance) ➡page 51
- Setting the Photo Quality (Photo Quality) ➡page 71
- Setting the Exposure (Exposure)- Only can be operated by using the QUICK MENU ➡page 47
- Setting the Back Light Compensation (BLC) ➡page 41

### M.Player Mode

- Setting the Memory Type (Memory Type) ➡page 70
- Playing Moving Images (MPEG) on the Memory Card (M. Play Select) ➡page 80
- Deleting Photo Images and Moving Images (Delete) ➡page 76
- Protection from accidental Erasure (Protect) ➡page 75
- Marking Images for Printing (Print Mark) ➡page 84

## For example: Setting the White Balance

1. Press the **[QUICK MENU]** button.  
The quick menu list will appear.
2. Move the **[Zoom]** lever up or down to select **<White Balance>**, then press the **[OK]** button.
3. Move the **[Zoom]** lever up or down to select desired mode (**Auto**, **Indoor**, **Outdoor** or **Custom WB**), then press the **[OK]** button.
4. To exit, press the **[QUICK MENU]** button.



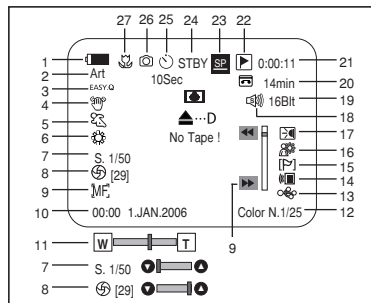
<When the Outdoor option was selected>

# Preparation

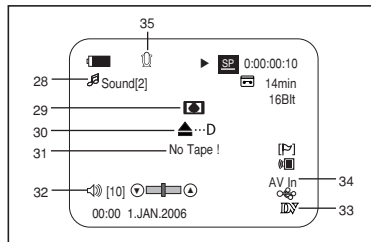
## OSD (On Screen Display) in Camera/Player Modes

1. Battery Level ➡ page 17
2. Visual Effects Mode ➡ page 52
3. EASY.Q ➡ page 35
4. DIS ➡ page 55
5. Program AE ➡ page 49
6. White Balance Mode ➡ page 51
7. Shutter Speed ➡ page 27
8. Exposure ➡ page 47
9. Manual Focus ➡ page 48
10. Date/Time ➡ page 30
11. Zoom Position ➡ page 39
12. COLOR NITE ➡ pages 42
13. USB ➡ page 92  
(VP-D362(i)/D363(i)/D364W(i)/D365W(i) only)
14. Remote ➡ page 24  
(VP-D363(i)/D364W(i)/D365W(i) only)
15. WindCut Plus ➡ page 45
16. BLC (Back Light Compensation) ➡ page 41
17. LIGHT ➡ page 43  
(VP-D364W(i)/D365W(i) only)
18. Real Stereo ➡ page 46
19. Audio Mode ➡ page 44
20. Remaining Tape  
(measured in minutes)
21. Tape Counter
22. Zero Memory ➡ page 37  
(VP-D363(i)/D364W(i)/D365W(i) only)
23. Record Speed Mode ➡ page 44
24. Operating Mode
25. Self Timer ➡ page 38  
(VP-D363(i)/D364W(i)/D365W(i) only)
26. Photo image
27. Tele Macro ➡ page 39
28. Dubbed Audio Playback  
➡ page 63
29. DEW ➡ page 6
30. Warning Indicator ➡ page 98
31. Message Line ➡ page 98
32. Volume Control ➡ page 58
33. DV IN (DV data transfer mode)  
(VP-D361i/D361Wi/D362i/D363i/D364W(i)/D365W(i) only)  
➡ page 87
34. AV IN ➡ page 67  
(VP-D361i/D361Wi/D362i/D363i/D364W(i)/D365W(i) only)
35. Audio Dubbing ➡ page 62  
(VP-D363(i)/D364W(i)/D365W(i) only)

### OSD in Camera Mode



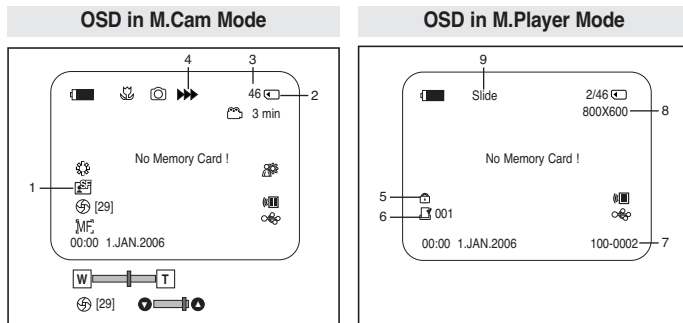
### OSD in Player Mode



# Preparation

## OSD (On Screen Display) in M.Cam/M.Player Modes (VP-D363(i)/D364W(i)/D365W(i) only)

1. Photo Quality ➡page 71
2. CARD (Memory Card) Indicator
3. Image Counter (Total number of recordable photo images)
4. Image Recording and Loading Indicator
5. Erase Protection Indicator ➡page 75
6. Print Mark ➡page 84
7. Folder Number-File Number ➡page 72
8. JPEG Image Size
9. Slide Show ➡page 74



## Turning the OSD (On Screen Display) On/Off

### Turning OSD On/Off

Press the **[DISPLAY]** button on the left side control panel.

- Each press of the button toggles the OSD function on and off.
- When you turn the OSD off,
  - In **<Camera Mode>**: The STBY, REC modes are always displayed on the screen, even when the OSD is turned off.
  - In **<Player Mode>**: When you press any Function Button, it is displayed on the OSD for 3 seconds before it turns off.

### Turning the Date/Time On/Off

To turn the Date/Time on or off, access the menu and change the **<Date/Time>** mode. ➡page 30

# Initial Setting : System Menu Setting

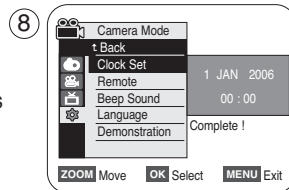
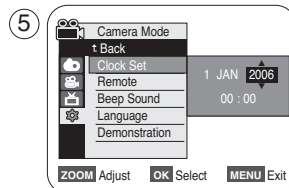
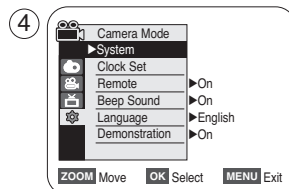
## Setting the Clock (Clock Set)

- ❖ Clock setup works in <Camera>/<Player>/<M.Cam>/<M.Player> modes. ➡ page 19
- ❖ The Date/Time is automatically recorded onto a tape. Before recording, please set the <Date/Time>. ➡ page 30

1. Set the **[Power]** switch to **[CAMERA]** or **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]** or **[MEMORY]**.  
(VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select <System>, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select <Clock Set>, then press the **[OK]** button.
  - The year will highlight first.
6. Move the **[Zoom]** lever up or down to set current **Year**, then press the **[OK]** button.
  - The month will be highlighted.
7. You can set the month, day, hour and minute following the same procedure after setting the year.
8. Press the **[OK]** button after setting the minutes.
  - A message <Complete !> is displayed.
  - To adjust the clock, select the Year, Month, Day, Hour or Min by pressing the **[OK]** button, then move the **[Zoom]** lever to the up or down to set respective values.
9. To exit, press the **[MENU]** button.

### [ Notes ]

- After the Lithium Battery loses its charge (after about 6 months), the date/time appears on the screen as <00:00 1.JAN.2006>.
- You can set the year up to 2037.
- If the Lithium Battery is not installed, any input data will not be backed up.

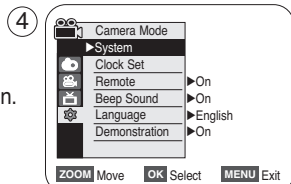
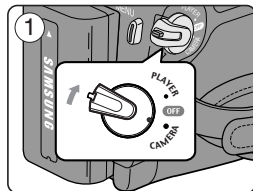


# Initial Setting : System Menu Setting

## Setting the Wireless Remote Control Acceptance (Remote) (VP-D363(i)/D364W(i)/D365W(i) only)

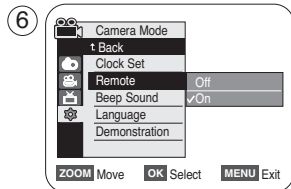
- ❖ The Remote function works in <Camera>/<Player>/<M.Cam>/<M.Player> modes. ➡ page 19
- ❖ The Remote function allows you to enable or disable the remote control for use with the Camcorder.

1. Set the **[Power]** switch to **[CAMERA]** or **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]** or **[MEMORY]**.
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select **<System>**, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select **<Remote>**, then press the **[OK]** button.
6. Move the **[Zoom]** lever up or down to select **<On>** or **<Off>**, then press the **[OK]** button.
7. To exit, press the **[MENU]** button.



### [ Note ]

If you set the **<Remote>** to **<Off>** in the menu and try to use it, the remote control icon ( ) will blink for 3 seconds on the LCD Screen and then disappear.



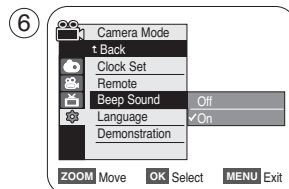
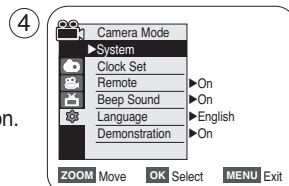
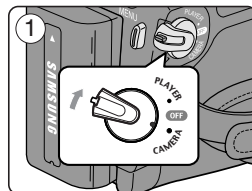


# Initial Setting : System Menu Setting

## Setting the Beep Sound (Beep Sound)

- ❖ The Beep Sound function works in <Camera>/<Player>/<M. Cam>/<M. Player> modes. ➡page 19
- ❖ You can turn the Beep Sound on or off, when on, each press of a button sounds a beep.

1. Set the **[Power]** switch to **[CAMERA]** or **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]** or **[MEMORY]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select **<System>**, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select **<Beep Sound>**, then press the **[OK]** button.
6. Move the **[Zoom]** lever up or down to select **<On>** or **<Off>**, then press the **[OK]** button.
7. To exit, press the **[MENU]** button.

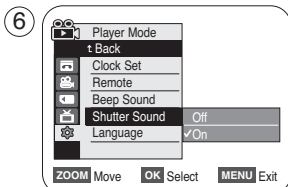
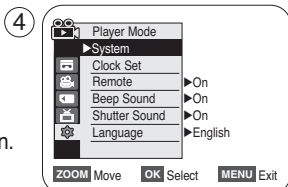
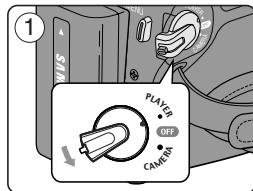


# Initial Setting : System Menu Setting

## Setting the Shutter Sound (Shutter Sound) (VP-D363(i)/D364W(i)/D365W(i) only)

- ❖ The Shutter Sound function works in both <Player> and <M.Cam> modes. ➡page 19
- ❖ You can turn the Shutter Sound on or off, when on, with each press of the [PHOTO] button the Shutter will sound.

1. Set the [Power] switch to [CAMERA] or [PLAYER].
2. If the [Power] switch is set to [CAMERA], set the [Mode] switch to [MEMORY].  
If the [Power] switch is set to [PLAYER], set the [Mode] switch to [TAPE].
3. Press the [MENU] button.
  - The menu list will appear.
4. Move the [Zoom] lever up or down to select <System>, then press the [OK] button.
5. Move the [Zoom] lever up or down to select <Shutter Sound>, then press the [OK] button.
6. Move the [Zoom] lever up or down to select <On> or <Off>, then press the [OK] button.
7. To exit, press the [MENU] button.

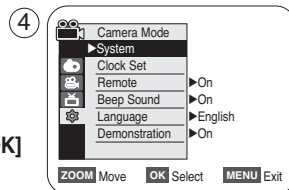
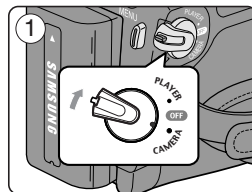


# Initial Setting : System Menu Setting

## Selecting the OSD Language (Language)

- ❖ The Language function works in <Camera>/<Player>/<M.Cam>/<M.Player> modes. ➡ page 19
- ❖ You can select the desired language to display the menu screen and the messages.

1. Set the **[Power]** switch to **[CAMERA]** or **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]** or **[MEMORY]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select <System>, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select <Language>, then press the **[OK]** button.
  - The available language options are listed.
6. Move the **[Zoom]** lever up or down to select desired OSD language, then press the **[OK]** button.
  - The OSD language is refreshed in selected language.
7. To exit, press the **[MENU]** button.



### [ Note ]

The word <Language> in the menu is always indicated in English.

# Initial Setting : System Menu Setting

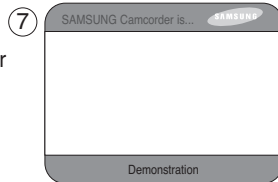
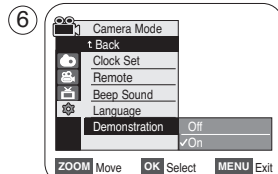
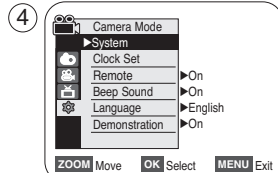
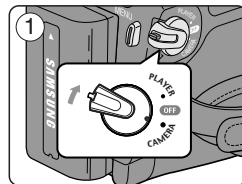
## Viewing the Demonstration (Demonstration)

- ❖ The Demonstration function may only be used in the <Camera> mode without a tape inserted in the Camcorder. ➡page 19
- ❖ Before you begin: Make Sure that there is no tape inserted in the Camcorder. ➡page 32
- ❖ Demonstration automatically shows you the major functions that are included with your Camcorder so that you may use them more easily.
- ❖ The Demonstration operates repeatedly until the Demonstration mode switched Off.

1. Set the **[Power]** switch to **[CAMERA]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select **<System>**, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select **<Demonstration>**, then press the **[OK]** button.
6. Move the **[Zoom]** lever up or down to select **<On>**, then press the **[OK]** button.
7. Press the **[MENU]** button.
  - The Demonstration will begin.
8. To quit the Demonstration, press the **[MENU]** button.

### [ Notes ]

- The Demonstration function is automatically activated when the Camcorder is left idle for more than 10 minutes after switching to the <Camera> mode (no tape is inserted in the Camcorder).
- If you press other buttons (**FADE**, **MF/AF**, **PHOTO**, **EASY.Q**) during the Demonstration mode, the demonstration stops temporarily and resumes 10 minutes later if you do not operate any other functions.

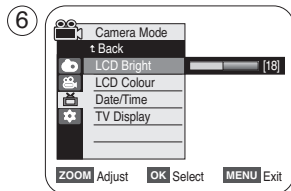
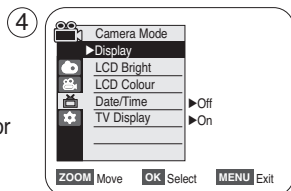
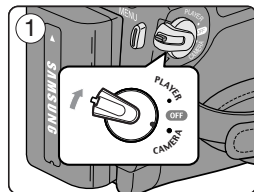


## Initial Setting : Display Menu Setting

### Adjusting the LCD Screen (LCD Bright/ LCD Colour)

- ❖ Adjusting the LCD Screen works in <Camera>/<Player>/<M.Cam>/<M.Player> modes. ➡page 19
- ❖ Your Camcorder is equipped with a 2.5 inch (VP-D361(i)/D362(i)/D363(i)) / 2.7 inch wide (VP-D361W(i)/D364W(i)/D365W(i)) colour Liquid Crystal Display (LCD) Screen, which enables you to view what you are recording or playing back directly.
- ❖ Depending on the conditions under which you are using the Camcorder (indoors or outdoors for example), you can adjust;
  - <LCD Bright>
  - <LCD Colour>

1. Set the **[Power]** switch to **[CAMERA]** or **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]** or **[MEMORY]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select <Display>, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select the item you want to adjust (**LCD Bright** or **LCD Colour**), then press the **[OK]** button.
6. Move the **[Zoom]** lever up or down to adjust the value of the selected item (**LCD Bright** or **LCD Colour**), then press the **[OK]** button.
  - You can set values for <LCD Bright> and <LCD Colour> between <0> ~ <35>.
7. To exit, press the **[MENU]** button.
  - Adjusting the LCD Screen does not affect the brightness and colour of the image to be recorded.

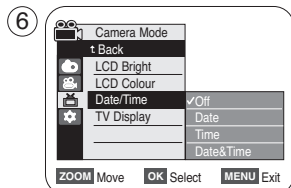
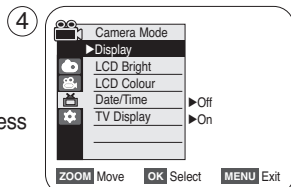
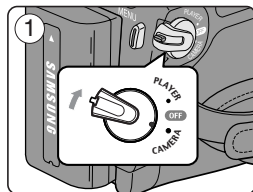


# Initial Setting : Display Menu Setting

## Displaying the Date/Time (Date/Time)

- ❖ The Date/Time function works in <Camera>/<Player>/<M.Cam>/<M.Player> modes. ➡page 19
- ❖ The date and time are automatically recorded on a special data area of the tape.

1. Set the **[Power]** switch to **[CAMERA]** or **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]** or **[MEMORY]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select <Display>, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select <Date/Time>, then press the **[OK]** button.
6. Move the **[Zoom]** lever up or down to select the display type of the Date/Time, then press the **[OK]** button.
  - Display type of the Date/Time: <Off>, <Date>, <Time>, <Date&Time>.
7. To exit, press the **[MENU]** button.



### [ Notes ]

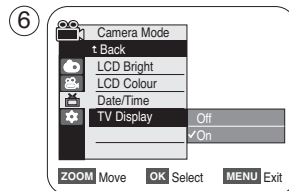
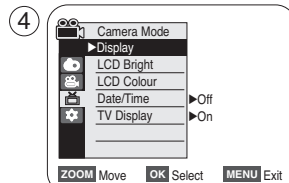
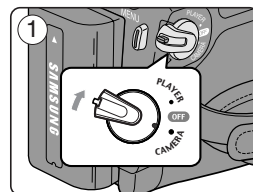
- The Date/Time will read <00:00 1.JAN.2006> in the following conditions.
  - During playback of a blank section of a tape.
  - If the tape was recorded before setting the <Date/Time> in the Camcorder.
  - When the Lithium Battery becomes weak or dead.
- Before you use the <Date/Time> function, you must set the clock. ➡page 23

## Initial Setting : Display Menu Setting

### Setting the TV Display (TV Display)

- ❖ The TV Display function works in <Camera>/<Player>/<M.Cam>/<M.Player> modes. ➡page 19
- ❖ You can select the output path of the OSD (On Screen Display).
  - <Off>: The OSD appears in the LCD Screen and Viewfinder only.
  - <On>: The OSD appears in the LCD Screen, Viewfinder and TV. (Connecting to a TV ➡page 64, 65)
  - Use the **[DISPLAY]** button to turn the OSD on/off on the LCD Screen/Viewfinder/TV.

1. Set the **[Power]** switch to **[CAMERA]** or **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]** or **[MEMORY]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select <Display>, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select <TV Display>, then press the **[OK]** button.
6. To activate TV Display function, move the **[Zoom]** lever up or down to select <On> or <Off>, then press the **[OK]** button.
7. To exit, press the **[MENU]** button.



# Basic Recording

## Using the Viewfinder

- ❖ In the **[PLAYER]** mode, the Viewfinder will work when the LCD Screen is closed.
- ❖ In the **[CAMERA]** mode, the Viewfinder will work when the LCD Screen is closed or rotated counterclockwise 180°.

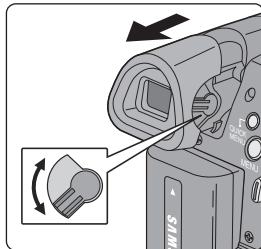
## Adjusting the Focus

The focus adjustment knob of the Viewfinder enables individuals with vision problems to see clearer images.

1. Close the LCD Screen and pull out the Viewfinder.
2. Use the Focus adjustment Knob of the Viewfinder to focus the picture.

### [ Notes ]

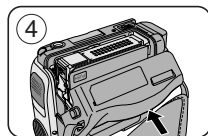
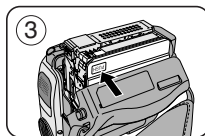
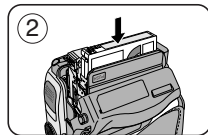
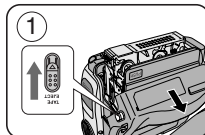
- Viewing the sun or any strong light source through the Viewfinder for a prolonged period may be harmful, or cause temporary impairment.



## Inserting / Ejecting a Cassette

- ❖ When inserting a tape or closing the cassette compartment, do not apply excessive force.  
As it may cause a malfunction.
- ❖ Do not use any tape other than Mini DV cassettes.

1. Connect a power source and slide the **[TAPE EJECT]** switch.
  - The cassette door opens automatically.
2. Insert a tape into the cassette compartment with the tape window facing outward and the protection tab toward the top.  
**(Inserting a Cassette)**
  - Remove the cassette tape, which is automatically ejected by pulling the cassette out. **(Ejecting a Cassette)**
3. Press the area marked **[PUSH]** on the cassette door until it clicks into place.
  - The cassette is loaded automatically.
4. Close the cassette door.





# Basic Recording

## Various Recording Techniques

❖ In some situations different recording techniques may be required for more dramatic results.

### 1. General recording.

### 2. Downward recording.

Making a recording with a top view of the LCD Screen.

### 3. Upward recording.

Making a recording viewing the LCD Screen from below.

### 4. Self recording.

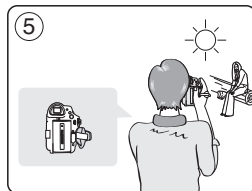
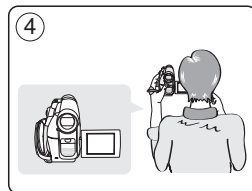
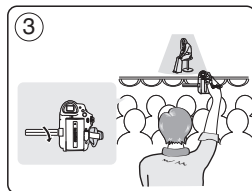
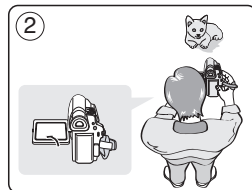
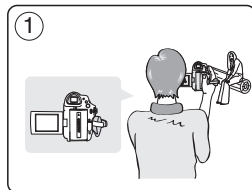
Making a recording viewing the LCD Screen from the front.

### 5. Recording with the Viewfinder.

In circumstances where it is difficult to use the LCD Screen, the Viewfinder can be used as a convenient alternative.

### [ Note ]

Please rotate the LCD Screen carefully as excessive rotation may cause damage to the inside of the hinge that connects the LCD Screen to the Camcorder.



# Basic Recording

## Making your First Recording

1. Connect a power source to the Camcorder. ➔page 19  
(A Battery pack or a AC Power adapter)  
Insert a cassette. ➔page 32

2. Remove the Lens Cover.

3. Set the **[Power]** switch to **[CAMERA]**.

- Open the LCD Screen.
- Set the **[Mode]** switch to **[TAPE]**.  
(VP-D363(i)/D364W(i)/D365W(i) only)  
Make sure that **<STBY>** is displayed.
- If the write protection tab of the cassette is open (set to save), **<STOP>** and **<Protection!>** will be displayed. Release the write protection tab to record.
- Make sure the image you want to record appears on the LCD Screen or Viewfinder.
- Make sure the Battery Level indicates that there is enough remaining power for your expected recording time.
- You can select a Record Mode of your choice. ➔page 44, 45, 46

4. To start recording, press the **[Start/Stop]** button.

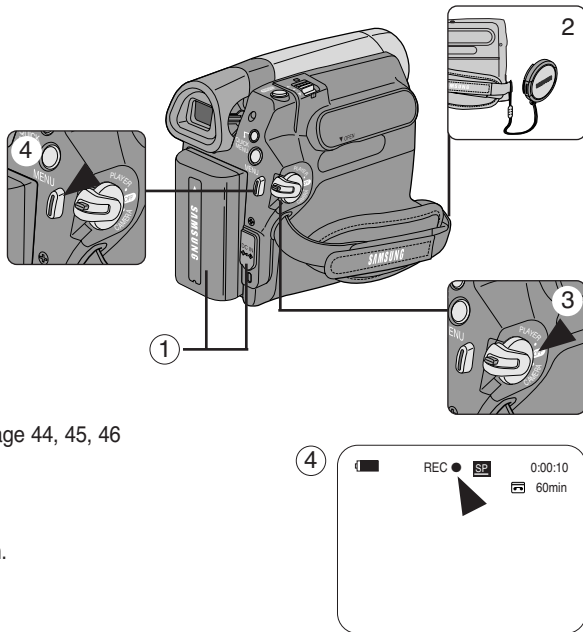
- **<REC>** is displayed on the LCD Screen.

To stop recording, press the **[Start/Stop]** button again.

- **<STBY>** is displayed on the LCD Screen.

### [ Note ]

Detach the Battery Pack when you are finished recording to prevent unnecessary battery power consumption.

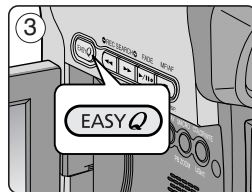
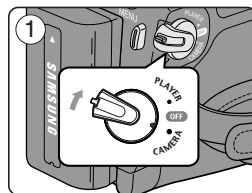


# Basic Recording

## Recording with Ease for Beginners (EASY.Q Mode)

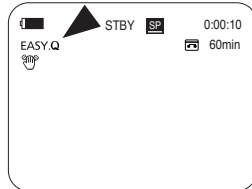
- ❖ The EASY.Q function works only in <Camera> mode. ➡ page 19
- ❖ The EASY.Q function allows a beginner to easily make good recordings.

1. Set the **[Power]** switch to **[CAMERA]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. By pressing the **[EASY.Q]** button, all functions on the Camcorder will be set to off and the recording settings will be set to the following basic modes:
  - The words <EASY.Q> and <DIS (👉)> are displayed at the same time.
4. Press the **[Start/Stop]** button to start recording.
  - Recording will begin using the basic automatic settings.
5. Press the **[EASY.Q]** button again in the STBY mode and then turn the EASY.Q mode off.
  - The EASY.Q function will not turn off while you are recording.
  - The Camcorder will return to the settings that were set prior to activating EASY.Q mode.



### [ Notes ]

- In EASY.Q mode, certain functions are not available, such as Menu, BLC, Manual focus. If you want to use these functions, you must first turn the EASY.Q mode off.
- The EASY.Q mode settings are deleted when the Battery Pack is removed from the Camcorder and must be reset when the Battery Pack is replaced.
- Taking a still image using the **[PHOTO]** button while EASY.Q is set releases DIS function.
- Digital Zoom, COLOR NITE or Visual Effect is not available in the EASY.Q mode.
- 16:9 Wide is not available in the EASY.Q mode. (VP-D361(i)/D362(i)/D363(i) only)
- **[PHOTO]** button is not available when in 16:9 Wide mode and EASY.Q is activated in 16:9 Wide mode. (VP-D361W(i)/D364W(i)/D365W(i) only)



# Basic Recording

## Reviewing and Searching when Recording (REC SEARCH)

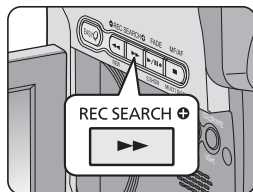
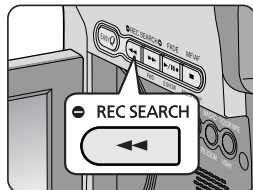
- ❖ The REC SEARCH function works only in <Camera> mode. ➡ page 19
- ❖ To be used to review previously recorded images or to find a point to record a new image in the STBY mode.

### Record Search (REC SEARCH)

1. Set to STBY mode by pressing **[Start/Stop]** button.
2. **[REC SEARCH -]** enables you to play the recording backwards and **[REC SEARCH +]** enables you to play it forwards, as long as you keep each button pressed down.
  - If you press the **[REC SEARCH -]** button in STBY mode, your Camcorder will play in reverse for 3 seconds and return to the original position automatically.

#### [ Notes ]

- Mosaic shaped distortion may appear on the screen while in Record Search mode.
- Pressing **[Start/Stop]** button after REC SEARCH will overwrite the images recorded after that point.



When a cassette is loaded and the Camcorder is left in the STBY mode for more than 5 minutes without being used, it will switch off automatically.

To use it again, press the **[Start/Stop]** button or set the **[Power]** switch to **[Off]** and then back to **[CAMERA]**.

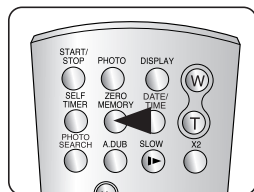
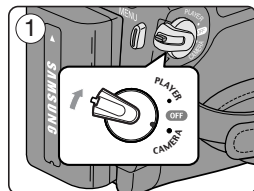
This auto power off feature is designed to save Battery power.

## Basic Recording

### Searching a quickly for a desired scene (Setting the ZERO MEMORY) (VP-D363(i)/D364W(i)/D365W(i) only)

- ❖ The ZERO MEMORY function works in both <Camera> and <Player> modes. ➡page 19
- ❖ You can mark a point on a tape that you want to return to following playback.

1. Set the [Power] switch to [CAMERA] or [PLAYER].
2. Set the [Mode] switch to [TAPE].
3. Press the [ZERO MEMORY] button on the remote control before the recording or during playback at the point where you wish to return.
  - The time code is changed to a tape counter that is set to ZERO MEMORY with the <▶ 0:00:00> (ZERO MEMORY indicator).
  - If you want to cancel the ZERO MEMORY function, press the [ZERO MEMORY] button again.
4. Finding the zero position.
  - When you have finished playback, fast forward or rewind the tape in stop mode. The tape stops automatically when it reaches the zero position.
  - When you have finished recording, set the [Power] switch to [PLAYER] and press the [◀◀ (REW)] button. The tape stops automatically when it reaches the zero position.
5. The tape counter with the <▶> (ZERO MEMORY indicator) disappears from the display and the tape counter is changed to the time code.



#### [ Notes ]

- In the following situations, ZERO MEMORY mode may be cancelled automatically:
  - At the end of the section marked with the ZERO MEMORY function.
  - When the tape is ejected.
  - When you remove the Battery Pack or power supply.
- The ZERO MEMORY may not function correctly where there is a break between recordings on the tape.

# Basic Recording

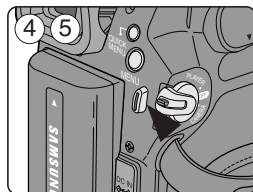
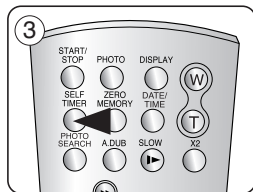
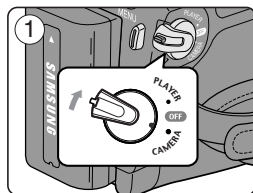
## Self Record using the Remote Control (Setting the Self Timer) (VP-D363(i)/D364W(i)/D365W(i) only)

- ❖ The SELF TIMER function works only in <Camera> mode. ➡ page 19
- ❖ When you use the SELF TIMER function on the remote control, the recording begins automatically in 10 seconds.

1. Set the **[Power]** switch to **[CAMERA]**.
2. Set the **[Mode]** switch to **[TAPE]**.
3. Press the **[SELF TIMER]** button until the appropriate indicator is displayed.
4. Press the **[Start/Stop]** button to start the timer.
  - SELF TIMER starts counting down from 10 with a beep sound.
  - If you want to cancel the SELF TIMER function before recording, press the **[SELF TIMER]** button.
5. Press the **[Start/Stop]** button again when you wish to stop recording.

### [ Notes ]

- Do not obstruct the remote control sensor by putting obstacles between the remote control and Camcorder.
- The remote control range is 4 ~5m (13 ~17 ft).
- The effective remote control angle is up to 30 degrees left /right from the centre line.
- Using a tripod is recommended for delayed recording.

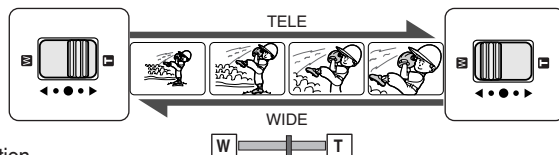


# Basic Recording

## Zooming In and Out

- ❖ The Zoom function works in both <Camera> and <M.Cam> modes. ➡page 19
- ❖ Zooming is a recording technique that lets you change the size of the subject in a scene.
- ❖ You can zoom using variable zoom speeds.
- ❖ Use these features for different shots. Please note that over-use of the Zoom feature can lead to unprofessional looking results and a reduction of battery usage time.

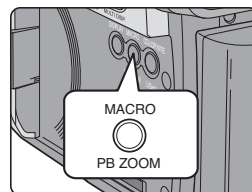
1. Move the **[Zoom]** lever slightly for a gradual zoom, move it further for a high-speed zoom.
  - Your zooming is monitored on the OSD.
2. **[T]** (Telephoto) side: Subject appears closer.
3. **[W]** (Wide angle) side: Subject appears farther away.
  - You can record a subject that is about 10mm (about 0.5 inch) away from the lens surface in the Wide position.



## Using the Tele Macro

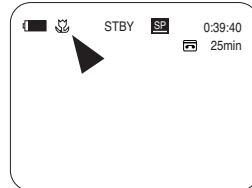
- ❖ Tele Macro function works in both <Camera> and <M.Cam> mode. ➡page 19
- ❖ Effective focal distance in Tele Macro mode is 50 Cm (19.7 inches) ~ 100 Cm (39.4 inches).

1. Press the **[MACRO/PB ZOOM]** button.
  - Tele Macro (👁) icon is displayed.
2. If you want to cancel the Tele Macro function, press the **[MACRO/PB ZOOM]** button again.



### [ Notes ]

- When recording in Tele Macro mode, the focus speed may be slow.
- When you operate the Zoom function in the Tele Macro mode, the recording subject may be out of focus.
- Use a tripod to prevent hand shake in the Tele Macro mode.
- Avoid shadows when recording in the Tele Macro mode.
- As the distance to the subject decreases, focusing area narrows.
- When you can not get proper focus, use the **[Zoom]** lever.



# Basic Recording

## Using the Fade In and Out

- ❖ The Fade function works only in <Camera> mode. ➔page 19
- ❖ You can give your recording a professional look by using special effects such as fade in at the beginning of a sequence or fade out at the end of a sequence.

### To Start Recording

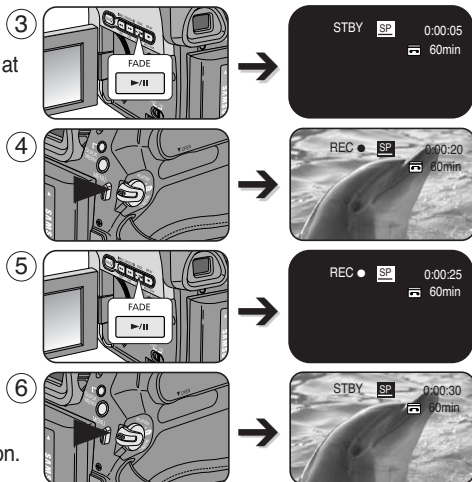
1. Set the **[Power]** switch to **[CAMERA]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Before recording, press and hold the **[FADE]** button.
  - The picture and sound gradually disappear (fade out).
4. Press the **[Start/Stop]** button and at the same time release the **[FADE]** button.
  - Recording starts and the picture and sound gradually appear (fade in).

### To Stop Recording (use Fade In/Fade Out)

5. When you wish to stop recording, press and hold the **[FADE]** button.
  - The picture and sound gradually disappear (fade out).
6. When the picture has disappeared, press the **[Start/Stop]** button to stop recording.

a. Fade Out  
(Approx. 4 seconds)

b. Fade In  
(Approx. 4 seconds)



Press and hold the **[FADE]** button

a. Fade Out

Gradual disappearance



Gradual appearance

b. Fade In

Release the **[FADE]** button




# Basic Recording

## Using Back Light Compensation Mode (BLC)

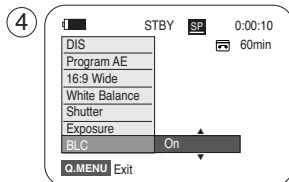
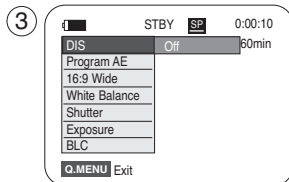
- ❖ BLC works in both <Camera> and <M.Cam> modes. ➡ page 19
- ❖ Back lighting exists when the subject is darker than the background:
  - The subject is in front of a window.
  - The person to be recorded is wearing white or shiny clothes and is placed against a bright background; the person's face is too dark to distinguish his/her features.
  - The subject is outdoors and the background is overcast.
  - The light sources are too bright.
  - The subject is against a snowy background.



1. Set the **[Power]** switch to **[CAMERA]**.
2. Set the **[Mode]** switch to **[TAPE]** or **[MEMORY]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[QUICK MENU]** button.
  - Quick menu list will appear.
4. Move the **[Zoom]** lever up or down to select **BLC**, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select **On**, then press the **[OK]** button.
6. To exit, press the **[QUICK MENU]** button.
  - BLC icon (  ) will be displayed.

### [ Note ]

- The BLC function will not operate in EASY.Q mode.



# Basic Recording

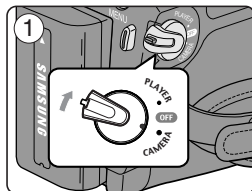
## Using the COLOR NITE (COLOUR NITE)

- ❖ COLOR NITE function works only in <Camera> mode. ➡ page 19
- ❖ You can take a shot of an object in slow motion by controlling the shutter speed, or a brighter image in dark places without a compromise in colours.

1. Set the **[Power]** switch to **[CAMERA]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[COLOR NITE]** button.
4. Each time you press the **[COLOR NITE]** button, shutter speed is changed to;
  - ▶ <Color N. 1/25>, <Color N. 1/13> and <OFF>. (VP-D361(i)/D361W(i)/D362(i)/D363(i))
  - ▶ <Color N. 1/25>, <Color N. 1/13>, <Color N. 1/13( 1/80)> and <OFF>. (VP-D364W(i)/D365W(i))

### [ Notes ]


- The COLOR NITE will not turn on or off while you are recording.
- When using the COLOR NITE, the image takes on a slow motion like effect.
- When using the COLOR NITE, the focus adjusts slowly and the white dots may appear on the screen, this is not a defect.
- COLOR NITE is not available while DIS, Photo image recording or EASY.Q is in use.
- Digital Zoom, Photo image recording, 16:9 Wide, Program AE, Emboss2, Pastel2, Mirror or Mosaic is not available in the COLOR NITE mode.
- If DIS or EASY.Q is set, COLOR NITE mode will be released.



# Basic Recording

## Using the LIGHT (VP-D364W(i)/D365W(i) only)

- ❖ LIGHT function works only in <Camera> mode. ➡ page 19
- ❖ The LIGHT enables you to record a subject in dark places without sacrificing colour.
- ❖ The LIGHT can be used with COLOR NITE function only.

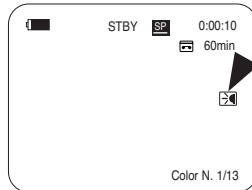
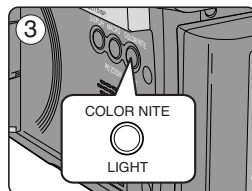
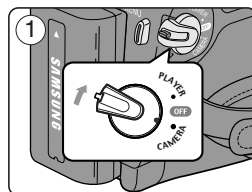
1. Set the **[Power]** switch to **[CAMERA]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[LIGHT]** button until <Color N. 1/13 (  )> appears.

### [ Notes ]

- The LIGHT will not turn on or off while you are recording.
- The range of the LIGHT is limited. (up to 6.6ft (2m))

### [ Danger ]

- The LIGHT can become extremely hot.
- Do not touch it while in operation or soon after turning it off, otherwise serious injury may result.
- Do not place the Camcorder into the carrying case immediately after using the LIGHT, since it remains extremely hot for some time.
- Do not use near flammable or explosive materials.



# Advanced Recording

## Selecting the Record Mode & Audio Mode

- ❖ The Record Mode function works in both **<Camera>** and **<Player>** (DV IN or AV IN) (VP-D361i/D361Wi/D362i/D363i/D364Wi/D365Wi) modes. ➡ page 19
- ❖ This Camcorder records and plays back in SP (standard play) mode and in LP (long play) mode.
  - **<SP>** (standard play): This mode permits 60 minutes of recording time with a DVM60 tape.
  - **<LP>** (long play): This mode permits 90 minutes of recording time with a DVM60 tape.
- ❖ The Audio Mode function works in both **<Camera>** and **<Player>** modes. ➡ page 19
- ❖ This Camcorder records sound in two ways. (**12Bit**, **16Bit**)
  - **<12Bit>**: You can record two 12Bit stereo sound tracks.  
The original stereo sound can be recorded onto the Main (Sound1) track.  
Additional stereo sound can be dubbed onto the Sub (Sound2) track.
  - **<16Bit>**: You can record one high quality stereo sound using 16Bit recording mode.  
Audio dubbing is not possible when using this mode.

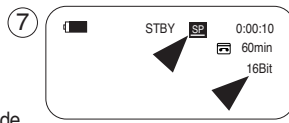
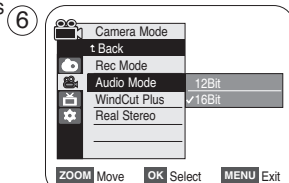
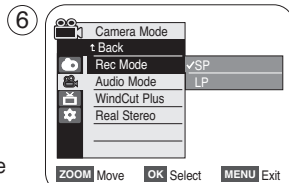
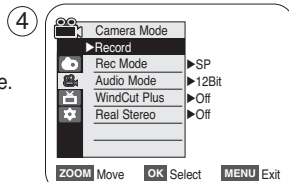
1. Set the **[Power]** switch to **[CAMERA]** or **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[MENU]** button.
4. Move the **[Zoom]** lever up or down to select **<Record>**, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select **<Rec Mode>** or **<Audio Mode>**, then press the **[OK]** button.
6. Move the **[Zoom]** lever up or down to select desired record mode or audio mode, then press the **[OK]** button.
  - Record mode can be set to **<SP>** or **<LP>**.
  - Audio mode can be set to **<12Bit>** or **<16Bit>**.
7. To exit, press the **[MENU]** button. The selected icon is displayed.
  - When **<12Bit>** is selected, no **<12Bit>** indication is displayed.

### [ Notes ]

- We recommend that you use this Camcorder to play back any tapes recorded on this Camcorder.  
Playing back a tape recorded in other equipment may produce mosaic shaped distortion.
- When you record a tape in SP and LP modes, or LP mode only, the playback picture may be distorted or the time code may not be written properly if there is a gap between scenes.
- Record using SP mode for best picture and sound quality.

### [ Caution ]

- To edit audio on your camcorder, you must set 12Bit for the Audio Mode and SP for the Rec Mode.

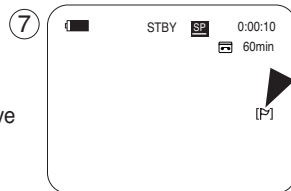
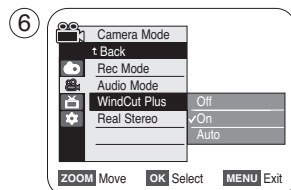
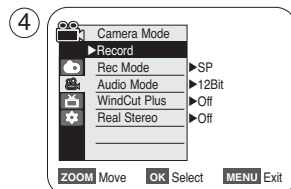


## Advanced Recording

### Cutting Off Wind Noise (WindCut Plus)

- ❖ The WindCut Plus function works in both <Camera> and <Player> (Audio dubbing) modes. ➡page 19
- ❖ Use the WindCut Plus when recording in windy places such as the beach or near buildings.
- ❖ The WindCut Plus function minimizes wind noise or other noise while recording.
  - When the WindCut Plus is on, some low pitched tones are eliminated along with the sound of the wind.

1. Set the **[Power]** switch to **[CAMERA]** or **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[MENU]** button.
4. Move the **[Zoom]** lever up or down to select **<Record>**, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select **<WindCut Plus>**, then press the **[OK]** button.
6. To activate the WindCut Plus function, move the **[Zoom]** lever up or down to select **<On>** or **<Auto>** then press the **[OK]** button.
  - **<On>**: It removes the low pitched wind noise.
  - **<Auto>**: It minimizes the wind noise while preserving the human voice.
7. To exit, press the **[MENU]** button.
  - WindCut Plus (**<On>** [F] or **<Auto>** [F<sub>A</sub>] ) icon is displayed.




#### [ Notes ]

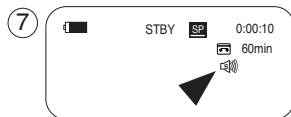
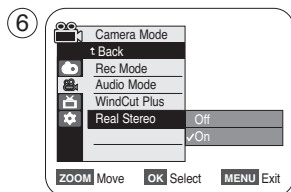
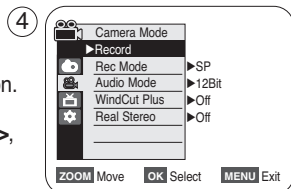
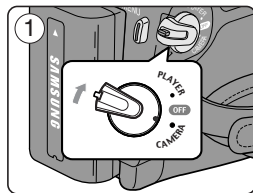
- Make sure WindCut Plus is set to off when you want the microphone to be as sensitive as possible.
- WindCut Plus function is not available in USB Streaming mode. (VP-D362(i)/D363(i)/D364W(i)/D365W(i) only)

# Advanced Recording

## Selecting the Real Stereo

- ❖ The Real Stereo function works only in <Camera> mode. ➡ page 19
- ❖ Real Stereo is the stereo-fortifying function by enhancing the characteristics of left and right input signals with internal MIC and External MIC.

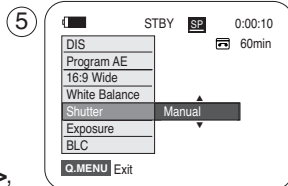
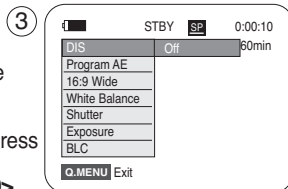
1. Set the **[Power]** switch to **[CAMERA]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[MENU]** button.
4. Move the **[Zoom]** lever up or down to select <Record>, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select <Real Stereo>, then press the **[OK]** button.
6. To activate the Real Stereo function, move the **[Zoom]** lever up or down to select <On>, then press the **[OK]** button.
7. To exit, press the **[MENU]** button.
  - Real Stereo (  ) is displayed.



## Advanced Recording

### Setting the Shutter Speed & Exposure

- ❖ The Shutter Speed function works only in <Camera> mode. ➡ page 19
  - ❖ The Exposure function works in both <Camera> and <M.Cam> modes. ➡ page 19
  - ❖ The Shutter Speed and Exposure functions can be set in the QUICK MENU.
1. Set the **[Power]** switch to **[CAMERA]**.
  2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
  3. Press the **[QUICK MENU]** button.
    - Quick menu list will appear.
  4. Move the **[Zoom]** lever up or down to select <Shutter> or <Exposure>, then press the **[OK]** button.
  5. Move the **[Zoom]** lever up or down to select <Manual>, then press the **[OK]** button.
  6. Move the **[Zoom]** lever up or down to select desired shutter speed or exposure, then press the **[OK]** button.
    - Shutter speed can be set to <1/50>, <1/120>, <1/250>, <1/500>, <1/1000>, <1/2000>, <1/4000> or <1/10000>.
    - Exposure value can be set between <00> and <29>.
  7. To exit, press the **[QUICK MENU]** button.
    - Selected settings are displayed.

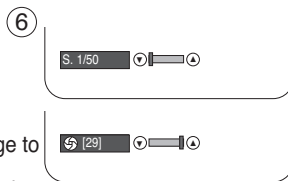


### Recommended Shutter Speeds when Recording

- ❖ Outdoor sports such as golf or tennis: <1/2000> or <1/4000>
- ❖ Moving cars or trains or other rapidly moving vehicles such as roller coasters: <1/1000>, <1/500> or <1/250>
- ❖ Indoor sports such as basketball: <1/120>

#### [ Notes ]

- If you manually change the Shutter Speed and the Exposure value when Program AE option is selected, manual changes are applied first.
- The image may not seem as smooth when a high Shutter Speed is set.
- The Camcorder returns to the auto shutter and auto exposure settings when you change to the EASY.Q mode.
- When recording with a Shutter Speed of 1/1000 or higher, make sure the sun is not shining into the lens.



# Advanced Recording

## Auto Focus / Manual Focus

- ❖ The Auto Focus/Manual Focus function works in both <Camera> and <M.Cam> modes. ➡ page 19
- ❖ In most situations, it is better to use the automatic focus feature, as it enables you to concentrate on the creative side of your recording.
- ❖ Manual focusing may be necessary under certain conditions that make automatic focusing difficult or unreliable.

### Auto Focus

- ❖ If you are inexperienced in the use of Camcorders, we recommend that you make use of Auto Focus.

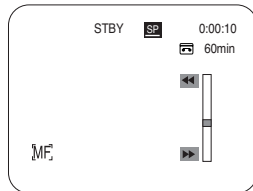
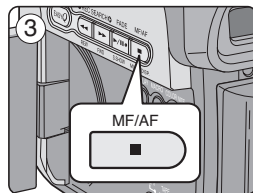
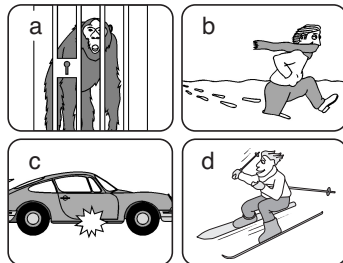
### Manual Focus

- ❖ In the following situations, you may obtain better results by adjusting the focus manually.
- A picture containing several objects, some close to the Camcorder, others further away.
  - A person enveloped in fog or surrounded by snow.
  - Very shiny or glossy surfaces like a car.
  - People or objects moving constantly or quickly like an athlete or a crowd.

1. Set the [Power] switch to [CAMERA].
2. Set the [Mode] switch to [TAPE] or [MEMORY]. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the [MF/AF] button.
  - The [MF] icon and the [MF/AF] status bar will be displayed on the LCD.
4. Focus with the [REV(◀)] and [FWD(▶)] buttons.

### [ Note ]

Manual Focus is not available in the EASY.Q mode.





## Advanced Recording

### Programmed Automatic Exposure Modes (Program AE)

- ❖ The Program AE function works only in **<Camera>** mode. ➡ page 19
- ❖ The Program AE mode allows you to adjust shutter speeds and apertures to suit different recording conditions.
- ❖ They give you creative control over the depth of field.

#### ■ **<Auto (A)> mode**

- Auto balance between the subject and the background.
- To be used in normal conditions.

#### ■ **<Sports (S)> mode**

For recording people or objects moving quickly.

#### ■ **<Portrait (P)> mode**

- For focusing on the background of the subject, when the background is out of focus.
- The Portrait mode is most effective when used outdoors.

#### ■ **<Spotlight (L)> mode**

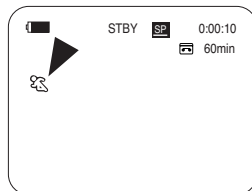
For recording correctly when there is only light on the subject and not the rest of the picture.

#### ■ **<Sand/Snow (Ss)> mode**

For recording when people or objects are darker than the background because of reflected light from sand or snow.

#### ■ **<High Speed (Hs)> (High Shutter Speed) mode**

For recording fast-moving subjects such as players in golf or tennis games.



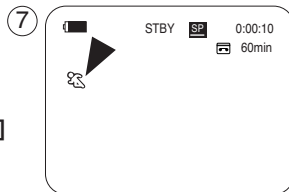
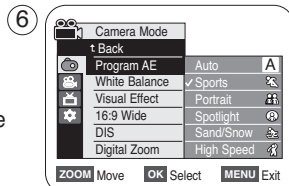
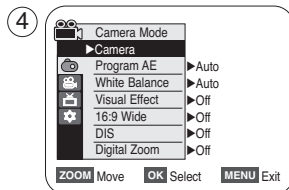
# Advanced Recording

## Setting the Program AE

1. Set the **[Power]** switch to **[CAMERA]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select **<Camera>**, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select **<Program AE>**, then press the **[OK]** button.
  - The available options are listed.
6. Move the **[Zoom]** lever up or down to select desired program AE option, then press the **[OK]** button.
7. To exit, press the **[MENU]** button.
  - The icon of the selected mode is displayed.
  - When the **<Auto>** mode is selected, no icon is displayed.

### [ Notes ]

- Direct accessing the Program AE function is available simply using the **[QUICK MENU]** button. ➡page 20
- The Program AE function will not operate in EASY.Q mode.



# Advanced Recording

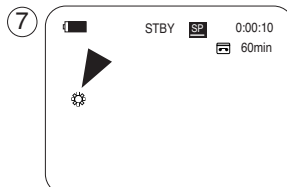
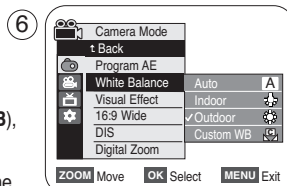
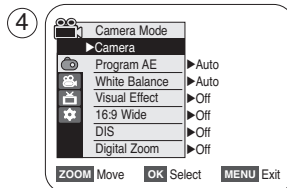
## Setting the White Balance

- ❖ The White Balance function works in both **<Camera>** and **<M.Cam>** modes. (VP-D363(i)/D364W(i)/D365W(i) only) ➔page 19
- ❖ The White Balance is a recording function that preserves the unique image colour of the object in any recording condition.
- ❖ You may select the appropriate White Balance mode to obtain good quality image colour.

- **<Auto (A)>** : This mode is generally used to control the White Balance automatically.
  - **<Indoor (i)>** : This controls the White Balance according to the indoor ambience.
    - Under halogen or studio/video lighting
    - Subject is of one dominant colour
    - Close up
  - **<Outdoor (o)>** : This controls the White Balance according to the outdoor ambience.
    - In daylight, especially for close up and where the subject is of one dominant colour.
  - **<Custom WB (WB)>** : You can adjust the white balance as you wish based on the shooting environment.
- Set the **[Power]** switch to **[CAMERA]**.
  - Set the **[Mode]** switch to **[TAPE]** or **[MEMORY]**. (VP-D363(i)/D364W(i)/D365W(i) only)
  - Press the **[MENU]** button.
    - The menu list will appear.
  - Move the **[Zoom]** lever up or down to select **<Camera>**, then press the **[OK]** button.
  - Move the **[Zoom]** lever up or down to select **<White Balance>**, then press the **[OK]** button.
  - Move the **[Zoom]** lever up or down to select desired mode (**Auto**, **Indoor**, **Outdoor** or **Custom WB**), then press the **[OK]** button.
    - To explain about the Custom WB:
      - Select Custom WB and press the OK button. ("set white balance" will appear and blinks on the screen.)
      - Place the white object under the desired lighting then press the OK button. (The "set white balance" will disappear and the Custom WB icon (WB) will be displayed.)
  - To exit, press the **[MENU]** button.
    - When the **<Auto>** mode is selected, no icon is displayed.

### [ Notes ]

- Direct accessing the White Balance function is available simply using the **[QUICK MENU]** button. ➔page 20
- The White Balance function will not operate in EASY.Q mode.
- Turn the Digital Zoom off (if necessary) to set a more accurate white balance.
- Reset the white balance if lighting conditions change.
- During normal outdoor recording, setting to Auto may provide better results.
- Buttons other than EASY.Q, **[MENU]** and **[OK]** will not work during setting the Custom WB.
- Pressing the **[MENU]** button while setting the Custom WB will cancel the Custom WB setting and sets the White Balance to Auto.



<When the Outdoor option was selected>

# Advanced Recording

## Applying Visual Effects

- ❖ The Visual Effect function works only in **<Camera>** mode. ➡page 19
- ❖ The Visual Effects enable you to give a creative look to your recording.
- ❖ Select the appropriate Visual Effect for the type of picture that you wish to record and the effect you wish to create. There are 10 Visual Effect modes.

### 1. **<Art>** mode

This mode gives the images a coarse effect.

### 2. **<Mosaic>** mode

This mode gives the images a mosaic effect.

### 3. **<Sepia>** mode

This mode gives the images a reddish-brown pigment.

### 4. **<Negative>** mode

This mode reverses the colours, creating a negative image.

### 5. **<Mirror>** mode

This mode cuts the picture in half, using a mirror effect.

### 6. **<BLK&WHT>** mode

This mode changes the images to black and white.

### 7. **<Emboss1>** mode

This mode creates a 3D effect (embossing).

### 8. **<Emboss2>** mode

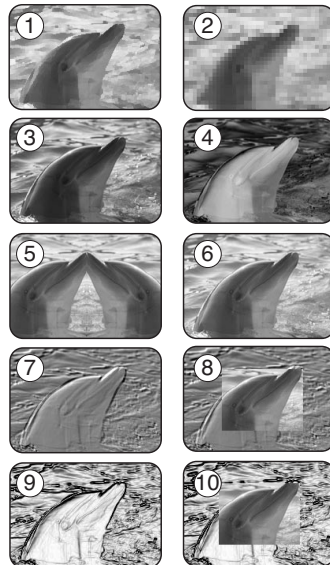
This mode creates a 3D effect (embossing) on surrounding area of an image.

### 9. **<Pastel1>** mode

This mode applies a pale pastel drawing effect to an image.

### 10. **<Pastel2>** mode

This mode applies a pale pastel drawing effect to surrounding area of an image.



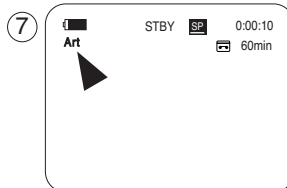
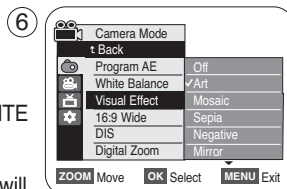
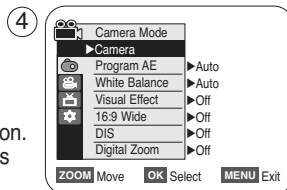
# Advanced Recording

## Selecting the Visual Effects

1. Set the **[Power]** switch to **[CAMERA]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select **<Camera>**, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select **<Visual Effect>**, then press the **[OK]** button.
6. Move the **[Zoom]** lever up or down to select the desired Visual Effect option, then press the **[OK]** button.
  - The display mode is set to the selected mode.
7. To exit, press the **[MENU]** button.

### [ Notes ]

- The Pastel2, Emboss2, Mirror or Mosaic mode is not available while DIS or COLOR NITE is in use.
- Visual Effect modes are not available while EASY.Q is in use.
- Once DIS, EASY.Q or COLOR NITE is set, Emboss2, Pastel2, Mirror or Mosaic mode will be released.
- 16:9 Wide modes are not available while Visual Effect is in use.  
(VP-D361(i)/D362(i)/D363(i) only)
- Mirror mode is not available in the 16:9 Wide mode.  
(VP-D361W(i)/D364W(i)/D365W(i) only)
- Digital Zoom is not available in the Emboss2, Pastel2, Mirror or Mosaic mode.
- Visual Effect modes other than Emboss2, Pastel2, Mirror or Mosaic mode is available while DIS is in use.



# Advanced Recording

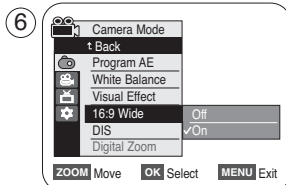
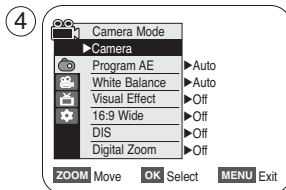
## Setting the 16:9 Wide

- ❖ The 16:9 Wide function works only in **<Camera>** mode. ➡ page 19
- ❖ Recordings in 16:9 Wide will play back naturally only when the TV supports 16:9 aspect ratio.
- ❖ 16:9 Wide is set as a default option for VP-D361W(i)/D364W(i)/D365W(i) models.

1. Set the **[Power]** switch to **[CAMERA]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select **<Camera>**, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select **<16:9 Wide>**, then press the **[OK]** button.
6. To activate the 16:9 Wide function, move the **[Zoom]** lever up or down to select **<On>**, then press the **[OK]** button.
  - If you do not want to use the 16:9 Wide function, set the **<16:9 Wide>** menu to **<Off>**.
7. To exit, press the **[MENU]** button. The selected icon is displayed.


### [ Notes ]

- Direct accessing the 16:9 Wide function is available simply using the **[QUICK MENU]** button. ➡ page 20
- The 16:9 Wide mode is not available while Visual Effect, DIS or EASY. Q is in use. (VP-D361(i)/D362(i)/D363(i) only)
- Once COLOR NITE is set, 16:9 Wide mode will be released. (VP-D361(i)/D362(i)/D363(i) only)
- Digital Zoom is not available in the 16:9 Wide mode.
- Still image recording is not available in the 16:9 Wide mode.



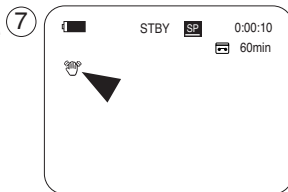
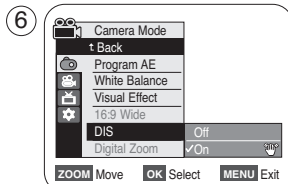
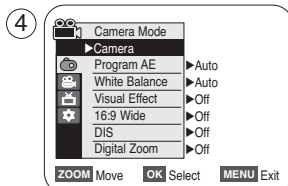
## Advanced Recording

### Setting the Digital Image Stabilizer (DIS)

- ❖ The DIS function works only in <Camera> mode. ➡ page 19
  - ❖ DIS (Digital Image Stabilizer) is a function that compensates for any shaking or hand movement while holding the Camcorder (within reasonable limits).
  - ❖ It provides more stable pictures when:
    - Recording with the zoom (DIS is not available in Digital Zoom mode.)
    - Recording a small object close-up
    - Recording and walking at the same time
    - Recording through the window of a vehicle
1. Set the **[Power]** switch to **[CAMERA]**.
  2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
  3. Press the **[MENU]** button.
    - The menu list will appear.
  4. Move the **[Zoom]** lever up or down to select <Camera>, then press the **[OK]** button.
  5. Move the **[Zoom]** lever up or down to select <DIS>, then press the **[OK]** button.
  6. To activate the DIS function, move the **[Zoom]** lever up or down to select <On>, then press the **[OK]** button.
    - If you do not want to use the DIS function, set the <DIS> menu to <Off>.
  7. To exit, press the **[MENU]** button.
    - DIS (  ) icon is displayed.

#### [ Notes ]

- Direct accessing the DIS function is available simply using the **[QUICK MENU]**. ➡ page 20
- Digital Zoom, COLOR NITE, Emboss2, Pastel2, Mirror or Mosaic is not available in the DIS mode.
- 16:9 Wide mode is not available in the DIS mode. (VP-D361(i)/D362(i)/D363(i) only)
- DIS function in 16:9 Wide mode may produce lower quality than in normal mode. (VP-D361W(i)/D364W(i)/D365W(i) only)
- When you press the **[PHOTO]** button while the DIS function is enabled, the DIS will be released shortly and resume automatically after the still image recording.
- It is recommended that you deactivate the DIS function when using a tripod.
- If you use the DIS function, the picture quality may deteriorate.
- EASY.Q mode automatically sets the <DIS> to <On>.



# Advanced Recording

## Zooming In and Out with Digital Zoom (Digital Zoom)

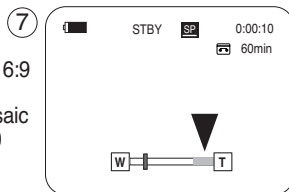
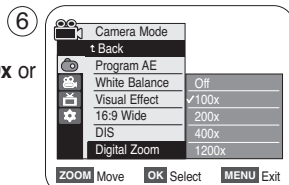
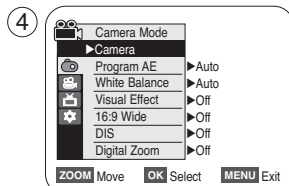
- ❖ Maximum Digital Zoom works only in <Camera> mode. ➡ page 19
- ❖ Zooming more than 33x is achieved digitally, up to 1200x when combined with optical zoom.
- ❖ The picture quality may deteriorate depending on how much you Digital Zoom in on the subject.

### Selecting the Digital Zoom

1. Set the **[Power]** switch to **[CAMERA]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select **<Camera>**, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select **<Digital Zoom>**, then press the **[OK]** button.
6. Move the **[Zoom]** lever up or down to select desired zoom value (**Off**, **100x**, **200x**, **400x** or **1200x**), then press the **[OK]** button.
7. To exit, press the **[MENU]** button.
  - Move the **[Zoom]** lever up or down to use the Digital Zoom.
  - The Digital Zoom indicator appears.

### [ Notes ]

- Maximum Digital zooming may result in lower picture quality.
- Digital Zoom is not available while DIS, EASY.Q, still image recording, COLOR NITE, 16:9 Wide, Emboss2, Pastel2, Mirror or Mosaic is in use.
- Once still image recording, COLOR NITE, 16:9 Wide, Emboss2, Pastel2, Mirror or Mosaic is set, Digital Zoom mode will be released. (The Digital Zoom mode will be backed up.)
- Once DIS or EASY.Q is set, Digital Zoom mode will be released.

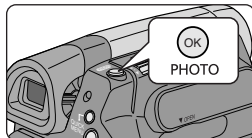




## Advanced Recording

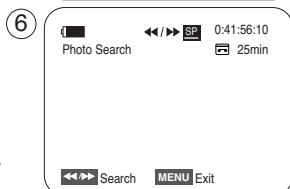
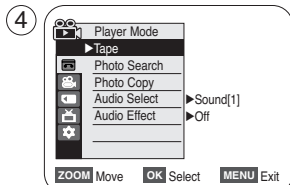
### Still Image Recording

- ❖ Still image recording works only in **<Camera>** mode. ➡page 19
  - ❖ A tape must be inserted as Still Images are recorded on a tape.
1. Set the **[Power]** switch to **[CAMERA]**.
  2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
  3. Press the **[PHOTO]** button.
    - The still image is recorded for about 6~7 seconds.
  4. After the still image has been recorded, the Camcorder returns to its previous mode.



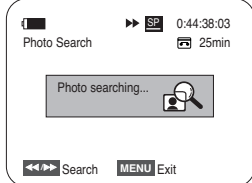
### Searching for a still image

- ❖ The Photo Search works only in **<Player>** mode. ➡page 19
1. Set the **[Power]** switch to **[PLAYER]**.
  2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
  3. Press the **[MENU]** button.
    - The menu list will appear.
  4. Move the **[Zoom]** lever up or down to select **<Tape>**, then press the **[OK]** button.
  5. Move the **[Zoom]** lever up or down to select **<Photo Search>**, then press the **[OK]** button.
    - **◀▶▶** will flash on the LCD.
  6. Press the **[◀▶▶ (REW/FF)]** buttons to search the still image.
    - The photo search process appears while you are searching.
    - After completing the search, the Camcorder displays the still image.
    - When there are no still images recorded on the tape, it will be fully rewound or forwarded.
  7. To exit, press the **[■ (STOP)]** or **[MENU]** button.



### [ Notes ]

- Still image recording is not available while recording.
  - You can use still image recording by using the **[PHOTO]** button on the remote control. Pressing the **[PHOTO]** button on the remote control records the still image at once with automatic focusing. (VP-D363(i)/D364W(i)/D365W(i) only)
  - Still image recording is not available while COLOR NITE or 16:9 Wide is in use.
  - DIS, Digital Zoom, COLOR NITE, Visual Effect are not available, when still image recording.
  - Still image recording while EASY.Q, DIS or Digital Zoom mode is in use will release the current mode.
- (After a still image is taken, the mode will return automatically.)

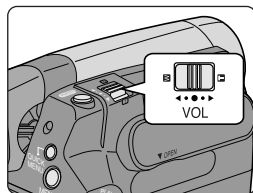
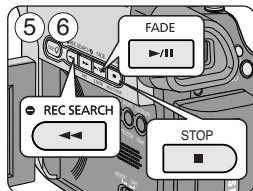


# Playback

## Playing Back a Tape You have recorded on the LCD Screen

- ❖ The Playback function and speaker works only in <Player> mode. ➡page 19
- ❖ You can monitor the playback picture on the LCD Screen.

1. Set the **[Power]** switch to **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Insert the tape you wish to view. ➡page 32
4. Open the LCD Screen.
  - Adjust the angle of the LCD Screen and set the brightness or colour if necessary.
5. Press the **[◀(REW)]** button to rewind the tape to the starting point.
  - To stop rewinding, press the **[■(STOP)]** button.
  - The Camcorder stops automatically after rewinding is complete.
6. Press the **[▶/II (PLAY/STILL)]** button to start playback.
  - You can view the picture you recorded on the LCD Screen.
  - To stop the play operation, press the **[■(STOP)]** button.



## Adjusting the LCD Bright/LCD Colour during Playback

- ❖ You can adjust the LCD Bright/LCD Colour during playback.
- ❖ The adjustment method is the same procedure as used in <Camera> mode. ➡page 29

## Adjusting the Volume

- ❖ When you use the LCD Screen for playback, you can hear recorded sound from the built-in Speaker.
  - Take the following steps to lower the volume or mute the sound while playing a tape on the Camcorder.
- ❖ When you hear sounds once the tape is in play, use the **[Zoom]** lever to adjust the volume.
  - A volume level display will appear on the LCD Screen.
  - Levels may be adjusted from anywhere between <00> to <19>.
  - If you close the LCD Screen while playing, you will not hear sound from the speaker.
- ❖ When the AV cable is connected to the Camcorder, you cannot hear sound from the Built-In Speaker and cannot adjust the volume.
- ❖ Volume control is disabled while PB Zoom is in use.



# Playback

## Various Functions while in Player Mode

- ❖ This function works only in <Player> mode. ➡ page 19
- ❖ The [PLAY], [STILL], [STOP], [FF], and [REW] buttons are located on the Camcorder and the remote control.  
(VP-D363(i)/D364W(i)/D365W(i) only)
- ❖ The [F.ADV] (Frame advance), [X2], and [SLOW] buttons are located on the remote control only.  
(VP-D363(i)/D364W(i)/D365W(i) only)
- ❖ To prevent tape and head-drum wear, your Camcorder will automatically stop if it is left in still or slow modes for more than 3 minutes.

## Playback Pause

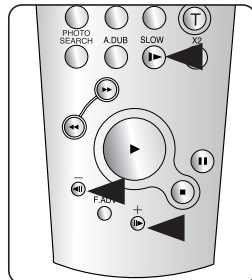
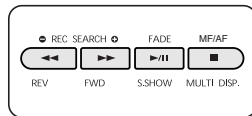
- Press the [▶/II (PLAY/STILL)] button during playback.
- To resume playback, press the [▶/II (PLAY/STILL)] button.

## Picture Search (Forward/Reverse)

- Press the [◀◀ (REW)] / [▶▶ (FF)] buttons during playback or still mode.  
To resume normal playback, press the [▶/II (PLAY/STILL)] button.
- Keep pressing [◀◀ (REW)] / [▶▶ (FF)] buttons during playback or still mode.  
To resume normal playback, release the button.

## Slow Playback (Forward/Reverse) (VP-D363(i)/D364W(i)/D365W(i) only)

- Forward Slow Playback
  - Press the [SLOW] button on the remote control during playback.
  - To resume normal playback, press the [▶/II (PLAY/STILL)] button.
- Reverse Slow Playback
  - Press the [◀◀II (-)] button during forward slow play back.
  - To resume forward slow playback, press the [II▶ (+)] button.
  - To resume normal playback, press the [▶/II (PLAY/STILL)] button.

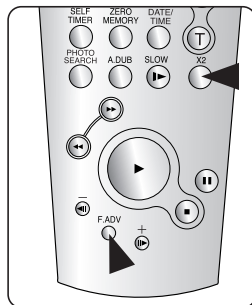


<VP-D363(i)/D364W(i)/D365W(i) only>

# Playback

## Frame Advance (To play back frame by frame) (VP-D363(i)/D364W(i)/D365W(i) only)

- Press the **[F.ADV]** button on the remote control while in still mode.
  - Video sequence advances frame by frame each time you press the **[F.ADV]** button.
  - The F.ADV function works in still mode only.
- To resume normal playback, press the **[▶/II (PLAY/STILL)]** button.
  - **Forward frame advance.**  
Press the **[F.ADV]** button on the remote control in still mode.
  - **Reverse frame advance**  
Press the **[◀/II (-)]** button on the remote control to change the direction in F.ADV mode.  
Press the **[F.ADV]** button on the remote control.



<VP-D363(i)/D364W(i)/D365W(i) only>

## X2 Playback (Forward/Reverse) (VP-D363(i)/D364W(i)/D365W(i) only)

- Forward X2 Playback
  - Press the **[X2]** button on the remote control during playback.
  - To resume normal playback, press the **[▶/II (PLAY/STILL)]** button.
- Reverse X2 Playback
  - Press the **[◀/II (-)]** button during forward X2 playback.
  - To resume normal playback, press the **[▶/II (PLAY/STILL)]** button.

## Reverse Playback (VP-D363(i)/D364W(i)/D365W(i) only)

- To playback in reverse at normal speed, press the **[◀/II (-)]** button during normal forward playback.
- Press the **[▶/II (PLAY/STILL)]** or **[II▶ (+)]** button to return to normal forward playback.

### [ Notes ]

- Mosaic shaped distortion may appear on the screen while in some of the various playback modes. Mosaic shaped distortion or noise may be experienced when you play back tapes recorded in LP which contain various playback functions.
- Sound will only be heard during normal SP or LP playback.

# Playback

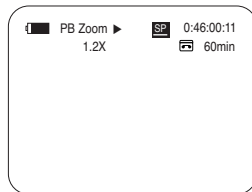
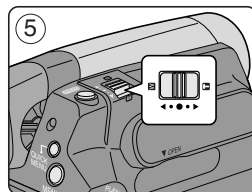
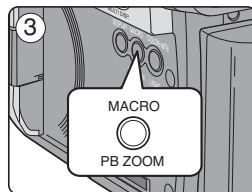
## Zooming during Playback (PB ZOOM)

- ❖ The PB Zoom function works in <Player> mode. ➡ page 19
- ❖ The PB Zoom function enables you to magnify the playback or still image.

1. Set the **[Power]** switch to **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Press the **[PB ZOOM]** button in playback mode or in still mode.
4. The image is magnified starting from the centre of image.
5. You can zoom in from 1.2x to 8.0x by moving the **[Zoom]** lever.
  - Zoom ratio is not displayed.
6. To cancel the PB Zoom function, press the **[PB ZOOM]** or **[■ (STOP)]** button.

### [ Notes ]


- The PB Zoom function enlarges the centre of the screen only.
- You cannot apply the PB Zoom function to pictures which are being input from an external video source.
- The PB Zoom image cannot be imported to your PC from the Camcorder's DV jack.
- The PB Zoom images cannot be exported to a PC.
- Volume control is disabled while PB Zoom is in use.

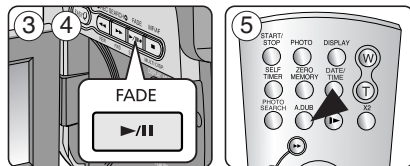
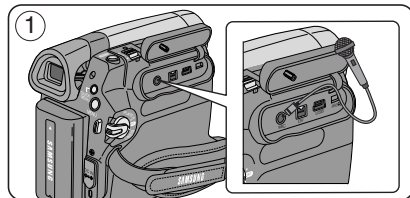


# Playback

## Audio Dubbing (VP-D363(i)/D364W(i)/D365W(i) only)

- ❖ The Audio Dubbing function works only in <Player> mode. ➡page 19
- ❖ You can not dub sound on a pre-recorded tape in LP or 16 bit mode.
- ❖ You can add sound to the original sound on a pre-recorded tape recorded in SP mode with 12bit sound.
- ❖ Use the internal or an external microphone(not supplied) or other audio equipment.
- ❖ The original sound will not be erased.

1. Set the [Power] switch to [PLAYER].
  - If you want to use an external microphone, connect the microphone to the external MIC input jack on the Camcorder.
2. Set the [Mode] switch to [TAPE].
3. Press the [▶/II (PLAY/STILL)] button and find the time frame of the scene to be dubbed.
4. Press the [▶/II (PLAY/STILL)] button to pause the scene.
5. Press the [A.DUB] button on the remote control.
  - Audio Dubbing icon (  ) is displayed.
  - The Camcorder is ready for dubbing.
6. Press the [▶/II (PLAY/STILL)] button to start dubbing.
  - Press the [■ (STOP)] button to stop the dubbing.



### [ Notes ]

- You can not use the Audio Dubbing function while playing a write protected video tape.
- To utilize an external MIC or sound source, connect a microphone to the MIC jack or use the Multi-AV Cable to connect external sound source input.
- To dub an external sound source, set the <AV In/Out> function to <AV In> (VP-D363i/D364Wi/ D365Wi). ➡page 67

# Playback

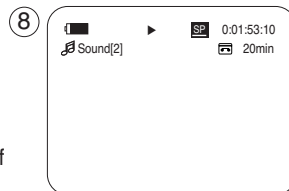
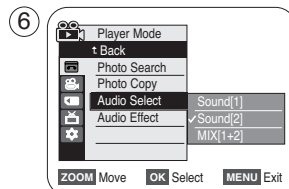
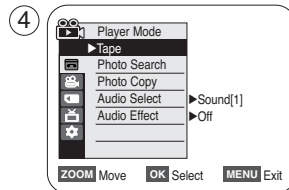
## Dubbed Audio Playback

❖ The dubbed Audio Playback function works only in **<Player>** mode. ➡ page 19

1. Set the **[Power]** switch to **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Insert the dubbed tape and press the **[MENU]** button.
4. Move the **[Zoom]** lever up or down to select **<Tape>**, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select **<Audio Select>**, then press the **[OK]** button.
6. Move the **[Zoom]** lever up or down to select the audio playback channel, then press the **[OK]** button.
  - **<Sound[1]>**: play the original sound.
  - **<Sound[2]>**: play the dubbed sound.
  - **<MIX[1+2]>**: play back sound1 and 2 equally mixed.
7. To exit, press the **[MENU]** button.
8. Press the **[▶/II (PLAY/STILL)]** button to playback the dubbed tape.

### [ Note ]

When you playback added sound (**Sound [2]** or **MIX[1+2]**), you may experience a loss of sound quality.



# Playback

## Tape Playback

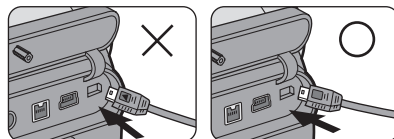
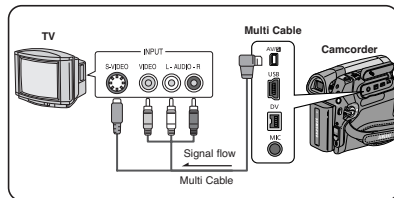
- ❖ The Playback function works only in <Player> mode. ➡page 19

### Playing back on a TV Monitor

- ❖ To play back a tape, the television must be PAL compatible. ➡page 97
- ❖ We recommend that you use the AC Power adapter as the power source for the Camcorder.

### Connecting to a TV which has Audio/Video Input Jacks

1. Connect the Camcorder to your TV with the Multi Cable
  - The yellow jack: Video
  - The white jack: Audio(L)-mono , The red jack: Audio(R)
  - If you connect to a monaural TV, connect the yellow jack (Video) to the video input of the TV and the white jack (Audio L) to the audio input of the TV.
2. Set the **[Power]** switch to **[PLAYER]**.
3. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
4. Turn on the TV and set the TV/VIDEO selector on the TV to Video.
  - Refer to the TV user's manual.
5. Play the tape. ➡page 63



- ✦ Connect the Multi AV/S jack with the triangle mark facing down.

### [ Notes ]

- You may use an S-Video connector on the cable to obtain better quality pictures if you have a S-Video connector on your TV.
- Even if you use an S-Video connector, you need to connect an audio cable.
- If you connect the cable to the AV/S jack, you will not hear sound from the Camcorder's speakers.
- If only a mono audio input is available on the TV set, use the audio cable with the white jack (Audio L).

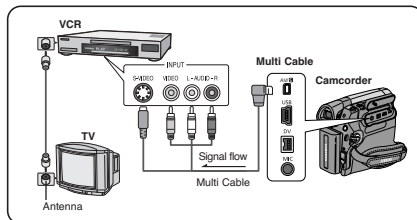


# Playback

## Connecting to a TV which has no Audio/Video Input Jacks

♣ You can connect your Camcorder to a TV through a VCR.

1. Connect the Camcorder to your VCR with the Multi Cable.
  - The yellow jack: Video
  - The white jack: Audio(L) - Mono
  - The red jack: Audio(R)
2. Connect a TV to the VCR.
3. Set the **[Power]** switch to **[PLAYER]**.
4. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
5. Turn on both the TV and VCR.
  - Set the input selector on the VCR to Line.
  - Select the channel reserved for your VCR on the TV set.
6. Play the tape.



## Playback

1. Connect a power source and set the **[Power]** switch to **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Insert the tape you wish to play back.
4. Using the **[◀(REW)]** / **[▶(FF)]** buttons, find the first position you wish to play back.
5. Press the **[▶/II (PLAY/STILL)]** button.
  - The images you recorded will appear on the TV after a few seconds.
  - If a tape reaches its end while being played back, the tape will rewind automatically.



## [ Notes ]

- The playback mode (SP/LP) is selected automatically.
- If the VCR has an S-Video input terminal, you may use S-Video connector for better quality.
- The S-Video connector transmits video only. Connect audio cables for sound.
- If only a mono audio input is available on the TV set, use the audio cable with the white jack (Audio L).

# Playback

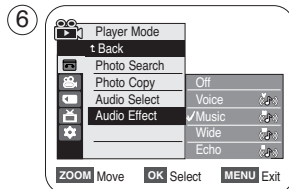
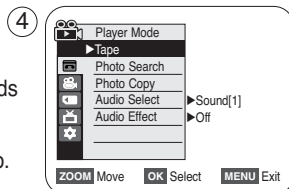
## Audio Effect

- ❖ Audio Effect function works only in <Player> mode. ➡ page 19
- ❖ Audio Effect provides various effects when the audio signals stored in a tape are playing.

1. Set the [Power] switch to [PLAYER].
2. Set the [Mode] switch to [TAPE]. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Insert the dubbed tape and press the [MENU] button.
4. Move the [Zoom] lever up or down to select <Tape>, then press the [OK] button.
5. Move the [Zoom] lever up or down to select <Audio Effect>, then press the [OK] button.
6. Move the [Zoom] lever up or down to select the audio effect channel, then press the [OK] button.
  - <Voice>: It highlights the human voice from the audio signals.
  - <Music>: It highlights the music sound by enhancing the high and low pitched sounds from the audio signals.
  - <Wide>: It magnifies the stereo effect by enhancing the left and right sounds.
  - <Echo>: It gives an effect of echo sound heard inside a cave or on the mountain top.
7. To exit, press the [MENU] button.

### [ Notes ]

- It is recommended to use stereo type output devices (TV, speakers) for better audio effects.
- The Audio Effect function is transmittable via external output terminals such as DV.
- Audio Effect function is not available in USB Streaming mode.  
(VP-D362(i)/D363(i)/D364W(i)/D365W(i) only)



# Playback

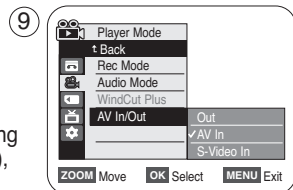
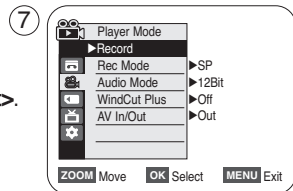
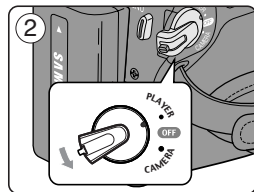
## Setting the AV In/Out (VP-D361i/D361Wi/D362i/D363i/D364Wi/D365Wi only)

- ❖ AV In/Out function works only in <Player> mode. ➡page 19
- ❖ AV In/Out setting enables you to record signal from external sources and display it on LCD Screen.  
Also, you can direct your video or image to external devices to record or play back.

1. Connect the Camcorder to your VCR or TV with the Multi-AV Cable. ➡pages 64~65
2. Set the **[Power]** switch to **[PLAYER]**.
3. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
4. Turn on the VCR or TV.
5. Insert the blank tape with protection tab closed into the Camcorder.
  - If you want to record from a connected VCR, insert a recorded VHS tape into the VCR.
6. Press the **[MENU]** button.
  - The menu list will appear.
7. Move the **[Zoom]** lever up or down to select <Record>, then press the **[OK]** button.
8. Move the **[Zoom]** lever up or down to select <AV In/Out>, then press the **[OK]** button.
9. Move the **[Zoom]** lever up or down to select <AV In>, <S-Video In> then press the **[OK]** button.
  - If you want to see the Camcorder picture with a TV, set <AV In/Out> menu to <Out>.
10. To exit, press the **[MENU]** button.
11. Press the **[Start/Stop]** button to set the Camcorder to REC PAUSE mode.
  - **PAUSE** appears.
12. Select the TV programme or playback the VHS tape.
13. Press the **[Start/Stop]** button to start recording.
  - If you want to pause recording for a while, press the **[Start/Stop]** button again.
14. To stop recording, press the **[■ (STOP)]** button.

### [ Notes ]

- When you record the images being played back on an analog VCR, if they are not being played back at normal speed, (for example, more than double speed or slow playback), only a gray image appears on the Camcorder.
- If <AV In / Out> is set to <AV In> or <S-Video In>, the WindCut Plus will be released.



# Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

## Using the Memory Card (Usable Memory Card) (not supplied)

- ❖ The Memory Card stores and manages photo images recorded by the Camcorder.
- ❖ Before inserting or ejecting the Memory Card, set the **[Power]** switch to **[OFF]**.

## Memory Card Functions

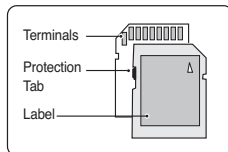
- ❖ Recording/Viewing Photo Images
- ❖ Protecting Images from accidental erasure (except MMC)
- ❖ The Memory Stick Duo does not have a Protection Tab. When using the Memory Stick Duo, be careful not to edit or delete data by mistake.
- ❖ Deleting Photo Images stored in Memory Card
- ❖ Marking Photo Images with Print Information
- ❖ Formatting Memory Cards

## Inserting a Memory Card

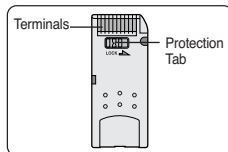
1. Open the Memory Card Cover.
2. Insert the Memory Card.
3. Insert the Memory Card into the Slot until it softly clicks.
4. Close the Memory Card Cover.

## Ejecting a Memory Card

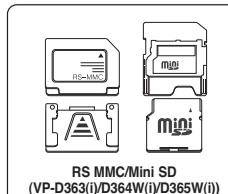
1. Open the Memory Card Cover.
2. Slightly push the Memory Card inwards to pop it out.
3. Pull the Memory Card out of the slot and close the Memory Card Cover.



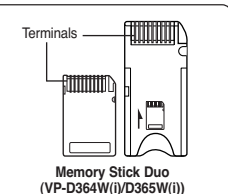
MMC/SD  
(VP-D363(i)/D364W(i)/D365W(i))



Memory Stick (PRO)  
(VP-D364W(i)/D365W(i))

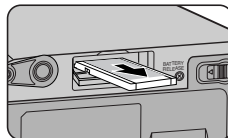
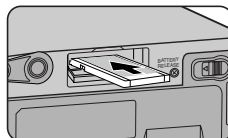


RS MMC/Mini SD  
(VP-D363(i)/D364W(i)/D365W(i))



Memory Stick Duo  
(VP-D364W(i)/D365W(i))

Memory Stick Duo, RS MMC or Mini SD should be inserted by using the Adapter (not supplied).



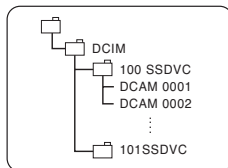
## Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

### [ Notes ]

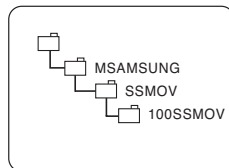
- Do not apply excessive force when you insert/eject the Memory Card.
- Do not turn the power off while recording, loading, erasing photo image or formatting the Memory Card.
- Please turn the power off before you insert or eject the Memory Card to avoid losing data.
- Do not place the Memory Card near a strong electro-magnetic device.
- Do not allow metal substances to come in contact with the terminals on the Memory Card.
- Do not bend, drop or apply strong shock to Memory Card.
- After pulling the Memory Card out from the camcorder, keep the Memory Cards in a soft case to prevent static shock.
- The data stored on the Memory Card may be changed or lost as a result of misuse, static electricity, electric noise or repair. Save important images separately. Samsung is not responsible for data loss due to misuse.
- RS-MMC, Mini SD (VP-D363(i)/D364W(i)/D365W(i)) or Memory Stick Duo type (VP-D364W(i)/D365W(i) only) should be inserted by using the Adaptor (not supplied).
- In M.Cam or M.Player mode, the 16:9 wide mode is not supported.
- The wide mode only displays in the aspect ratio of 4:3. (VP-D361W(i)/D364W(i)/D365W(i) only)
- The Camcorder supports 2GB SD/MMC and lower. SD/MMC above 2GB may not record or play properly.

### Structure of Folders and Files on the Memory Card

- ❖ The photo images that you recorded are saved in JPEG file format on the Memory Card.
- ❖ The moving images that you recorded are saved in MPEG4 file format on the Memory Card.
- ❖ Each file has a file number and all files are assigned to a folder.
  - A file number from DCAM0001 is sequentially assigned to each recorded image.
  - Each folder is numbered from 100SSDVC and recorded on the Memory Card.



<Photo Image>



<Moving Image>

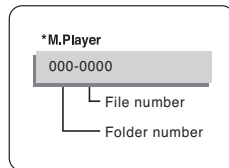
### Image Format

#### Photo Image

- Images are compressed in JPEG (Joint Photographic Experts Group) format.
- The picture size is 800x600 (Tape Capture 640x480).

#### Moving Image

- Images are compressed in MPEG 4(Moving Picture Experts Group) format.
- The picture size is 720x576.

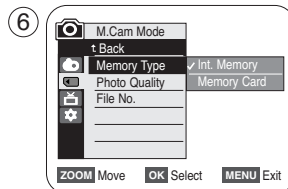
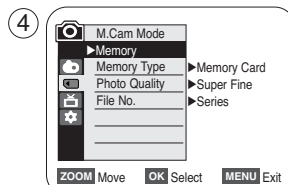


# Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

## Selecting the Memory Type (VP-D365W(i) only)

- ❖ The Memory Type setting works in <Player>/<M.Cam>/<M.Player> modes. (VP-D365W(i): 32MB) ➡page 19
- ❖ Images can be stored and played back using the built-in memory.  
Hence, set the memory type before storing and playing back images.

1. Set the **[Power]** switch to **[CAMERA]** or **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]** or **[MEMORY]**.
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select **<Memory>**, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select **<Memory Type>**, then press the **[OK]** button.
6. Move the **[Zoom]** lever up or down to select **<Int. Memory>** or **<Memory Card>**, then press the **[OK]** button.
7. To exit, press the **[MENU]** button.



### [ Note ]

- Direct accessing the Memory Type function is available simply using the **[QUICK MENU]** button. ➡page 20

# Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

## Selecting the Photo Quality

- ❖ Photo Quality function works in both <Player> and <M.Cam> modes. ➡page 19
- ❖ You can select the quality of a photo image to be recorded.

## Select the Image Quality

1. Set the [Power] switch to [CAMERA] or [PLAYER].
2. If the [Power] switch is set to [CAMERA] mode, set the [Mode] switch to [MEMORY].  
If the [Power] switch is set to [PLAYER] mode, set the [Mode] switch to [TAPE].
3. Press the [MENU] button.
  - The menu list will appear.
4. Move the [Zoom] lever up or down to select <Memory>, then press the [OK] button.
5. Move the [Zoom] lever up or down to select <Photo Quality>, then press the [OK] button.
6. Move the [Zoom] lever up or down to select desired image quality (Super Fine, Fine, Normal), then press the [OK] button.
7. To exit, press the [MENU] button.
  - The selected icon is displayed.

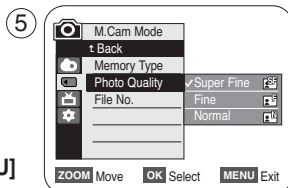
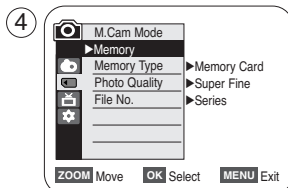
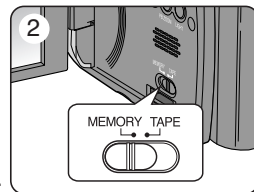
## Number of Images on the Memory Card

QUALITY	8MB	16MB
<Super Fine>	Approx. 34	Approx. 68
<Fine>	Approx. 45	Approx. 90
<Normal>	Approx. 74	Approx. 148

The actual number of images that you can record varies depending on the nature of the subject to be recorded.

### [ Notes ]

- Direct accessing the Photo Quality function is available simply using the [QUICK MENU] button. ➡page 20
- The above approximation is based on a 8MB Memory Card under normal recording conditions.
- The number of images that can be stored on a Memory Card depends on various conditions.
- Photo images (JPEG) can be stored in the Memory Card up to 20,000 files.

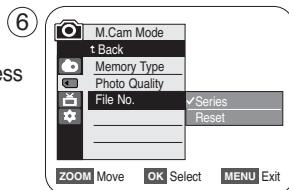
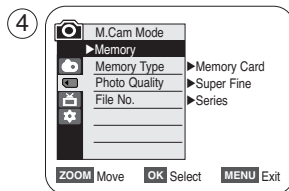


# Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

## Setting the File Number

- ❖ File Number setting works only in **<M.Cam>** mode. ➡ page 19
- ❖ File Numbers are given to images in the order they were recorded when they are stored on the Memory Card.
- ❖ File numbers may be set as follows:
  - **<Series>** : When there are existing files, the new image will be named as the next number in the sequence.
  - **<Reset>** : When there are no files stored on the Memory Card, the file numbering starts from 0001.

1. Set the **[Power]** switch to the **[CAMERA]**.
2. Set the **[Mode]** switch to **[MEMORY]**.
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select **<Memory>**, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select **<File No.>**, then press the **[OK]** button.
6. Move the **[Zoom]** lever up or down to select desired option (**Series** or **Reset**), then press the **[OK]** button.
7. To exit, press the **[MENU]** button.





## Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

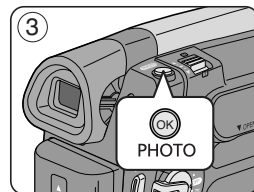
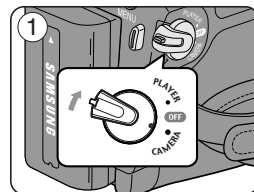
### Taking a Photo Image (JPEG) on the Memory Card

- ❖ You may take photo images while in <M.Cam> mode and store the images on the Memory Card. ➡page 19
- ❖ You can take photo images using the remote control.(VP-D363(i)/D364W(i)/D365W(i) only)
- ❖ Audio will not be recorded with a photo image on to the Memory Card.

1. Set the **[Power]** switch to **[CAMERA]**.
2. Set the **[Mode]** switch to **[MEMORY]**.
3. After framing your object to record, fully press the **[PHOTO]** button to take the picture.
  - The picture is taken and saved into the Memory Card within a few seconds.
  - Taking another picture within this interval is not possible.
  - The < [📷] >>> indicator appears during the time it takes to save the image.

#### [ Notes ]

- Photo images are saved in the Memory Card in an 800x600 format.
- The number of photo images that can be stored depends on the quality of the image.



# Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

## Viewing Photo Images (JPEG)

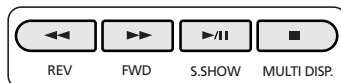
- ❖ This function works only in <M.Player> mode. ➡page 19  
You can playback and view photo images recorded on the Memory Card.
- ❖ Be sure that the <M.Play Select> is set to <Photo> in the Menu. ➡page 80

1. Set the [Power] switch to [PLAYER].
2. Set the [Mode] switch to [MEMORY].
  - The last recorded image appears. If there are no recorded images on the Memory Card, <No image!> is displayed.

### To view a Single Image

Using the [◀▶] (REV/FWD)) buttons, search for the desired photo image.

- To view the next image: press the [▶] (FWD)) button.
- To view the previous image: press the [◀] (REV)) button.
- Keep pressing [▶] (FWD)) or [◀] (REV)) to search for an image quickly.

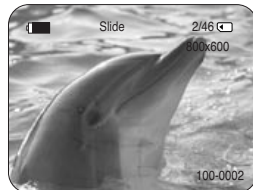


### To view a Slide Show

Press the [▶||] (S.SHOW)) button.

- All images will be played back consecutively for 2~3 seconds each.
- The <Slide> is displayed. The Slide Show will start from the current picture.

To stop the slide show, press the [▶||] (S.SHOW)) button again.



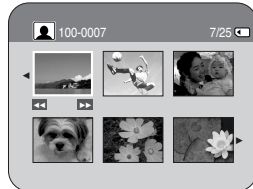
### To view the Multi Display

To view six stored images on single screen, press the [■] (MULTI DISP.)) button.

- A selection mark [◀▶] appears under the image.
- Press the [◀▶] (REV/FWD)) button to select an image.

To return to single playback mode, press the [■] (MULTI DISP.)) button again.

- Selected picture is displayed in full screen.



### [ Notes ]

- Any large sized image taken with another device will be displayed as a thumbnail image.
- To display the previous six images, press and hold the [◀] (REV)) button for about 3 seconds.
- To display the next six images, press the [▶] (FWD)) button for about 3 seconds.
- In order to use <Delete>, <Delete All>, <Protect> or <Print Mark> functions in Multi Display view mode, is available simply using the [QUICK MENU] button.

# Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

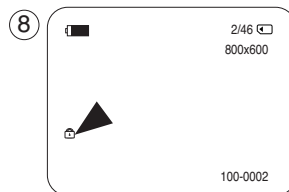
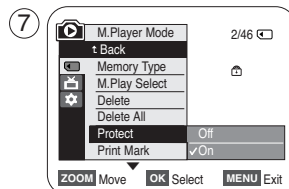
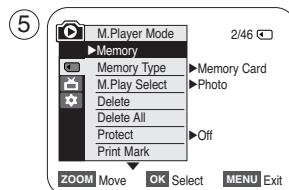
## Protection from accidental Erasure

- ❖ The Protection function works only in <M.Player> mode. ➡ page 19
- ❖ You can protect important images from accidental erasure.  
If you execute format, all images including protected images will be erased.

1. Set the [Power] switch to [PLAYER].
2. Set the [Mode] switch to [MEMORY].
  - The last recorded image appears.
  - If there are no recorded images on the Memory Card, <No image!> is displayed.
3. Using the [◀▶] (REV/FWD) buttons, search for the photo image that you want to protect.
4. Press the [MENU] button.
  - The menu list will appear.
5. Move the [Zoom] lever up or down to select <Memory>, then press the [OK] button.
6. Move the [Zoom] lever up or down to select <Protect>, then press the [OK] button.
7. Move the [Zoom] lever up or down to select <On>, then press the [OK] button.
8. To exit, press the [MENU] button.
  - The protection (🔒) icon is displayed.

### [ Notes ]

- Direct accessing the Protection function is available simply using the [QUICK MENU].  
➡ page 20
- If the write protection tab on the Memory Card is set to LOCK, you cannot set image protection.

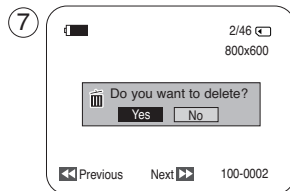
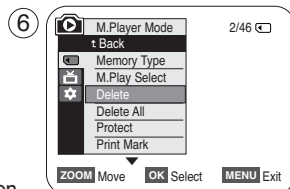
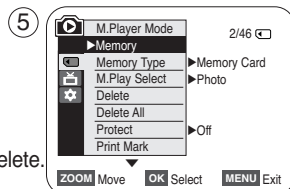


# Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

## Deleting Photo Images and Moving Images

- ❖ The Delete function works only in **<M.Player>** mode. ➡ page 19
- ❖ You can erase the photo images and moving images recorded on the Memory Card.
- ❖ If you want to delete protected images, you must first deactivate the image protection.
- ❖ An image which has been deleted cannot be recovered.

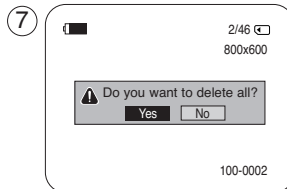
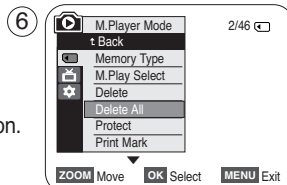
1. Set the **[Power]** switch to **[PLAYER]**.
2. Set the **[Mode]** switch to **[MEMORY]**.
  - The last recorded image appears.
  - If there are no recorded images on the Memory Card, **<No image!>** is displayed.
3. Using the **[◀▶] (REV/FWD)** buttons, search for the photo image that you want to delete.
4. Press the **[MENU]** button.
  - The menu list will appear.
5. Move the **[Zoom]** lever up or down to select **<Memory>**, then press the **[OK]** button.
6. Move the **[Zoom]** lever up or down to select **<Delete>**, then press the **[OK]** button.
  - A message **<Do you want to delete?>** is displayed.
7. Move the **[Zoom]** lever up or down to select **<Yes>** or **<No>**, then press the **[OK]** button.
8. To exit, press the **[MENU]** button.



## Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

### Deleting All Images at Once

6. Move the [Zoom] lever up or down to select **<Delete All>**, then press the [OK] button.
  - A message **<Do you want to delete all?>** is displayed.
7. Move the [Zoom] lever up or down to select **<Yes>** or **<No>**, then press the [OK] button.
8. To exit, press the [MENU] button.



### [ Notes ]

- Direct accessing the Delete function is available simply using the [QUICK MENU]. ➡page 20
- When there is no stored picture on the Memory Card, the message **<No image!>** will be displayed.
- If an erroneous image file is found on the Memory Card, the message **<Memory Card Error !>** will be displayed.  
It may be caused by copying images from different digital devices.
- Formatting the Memory Card will delete all the stored images. ➡page 78
- To protect important pictures from accidental deletion, activate the image protection. ➡page 75
- Deleting all files using the **<Delete All>** menu may take a while.  
To delete all files much faster, format the Memory Card after backing up the files into other storage device.

## Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

### Formatting the Memory Card

- ❖ The Format function works only in **<M.Player>** mode. ➡ page 19
- ❖ You can use the Format functions to completely delete all images and options on the Memory Card, including protected images.
- ❖ The Format function restores the Memory Card to its initial state.

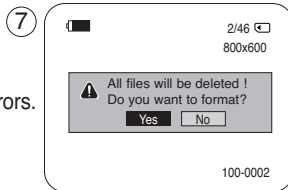
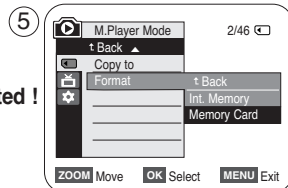
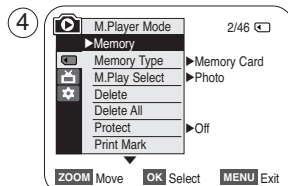
### Attention

- ❖ If you execute the Format function, all images will be erased completely and erased images cannot be recovered.

1. Set the **[Power]** switch to **[PLAYER]**.
2. Set the **[Mode]** switch to **[MEMORY]**.
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select **<Memory>**, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select **<Format>**, then press the **[OK]** button.
6. Move the **[Zoom]** lever up or down to select desired option (**Int. Memory** or **Memory card**), then press the **[OK]** button. (VP-D365W(i) only)
  - If you select **<Int. Memory>** or **<Memory Card>**, a message **<All files will be deleted ! Do you want to format?>** is displayed.
7. Move the **[Zoom]** lever up or down to select **<Yes>**, then press the **[OK]** button.
  - **<Complete!>** is displayed when the format is completed.
8. To exit, press the **[MENU]** button.

### [ Notes ]

- If you execute the Format function, all photo images/moving images will be erased completely and erased photo images/moving images cannot be recovered.
- Formatting the Memory Card using a different device will cause Memory Card read errors.
- Do not turn the power off in the middle of the formatting.
- A Memory Card with the protection tab set to save will not be formatted. ➡ page 68
- Do not format the Memory Card on a PC. **<Not formatted !>** message may appear if a Memory Card formatted on a PC was inserted.



# Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

## Recording Moving Images (MPEG) on the Memory Card

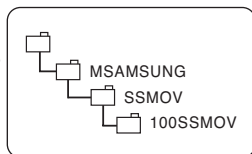
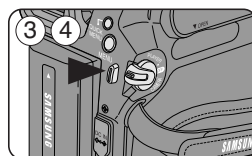
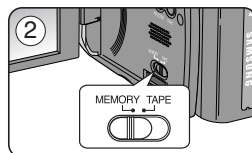
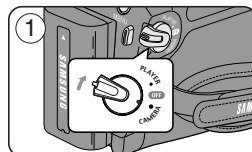
- ❖ You may record moving images while in <M.Cam> mode and store the images on the Memory Card. ➔page 19
- ❖ You can record moving images with audio on the Memory Card.
- ❖ The screen format of the moving image to be recorded is 720x576.

## Saving Moving Images onto a Memory Card

1. Set the [Power] switch to [CAMERA].
2. Set the [Mode] switch to [MEMORY].
3. Press the [Start/Stop] button, the moving images are recorded on the Memory Card in MPEG4.
  - You can record a photo image on Memory Card by pressing the [PHOTO] button instead of the [Start/Stop] button.
4. Press the [Start/Stop] button to stop the recording.

### [ Notes ]

- The Camorder supports memory cards ranging up to 2GB.
- MPEG files can be stored in the Memory Card up to 1,000 files.
- [MENU] button and [OK] button are not available while recording moving images. To use [MENU] button and [OK] button, stop recording. Recording moving images is not available when a MENU or QUICK MENU is displayed on the screen. To start recording, press the [MENU] button to make it disappear.
- Before using the Recording moving images function, check whether the Memory Card is inserted into the Camcorder.
- Moving images that you recorded are saved in \*.avi (avi 1.0) file format on the Memory Card.
- The files that you recorded are saved in a following folder. (see illustration right)
- The moving images on a Memory Card are a smaller size and lower definition than images on tape.
- The sound is recorded in mono.
- The following functions are not allowed in <M.Cam> Mode. DIS (Digital Image Stabilizer), Digital Zoom, Fade, Program AE, Visual Effect, Slow Shutter.
- While recording on a Memory Card, don't insert or eject the tape as it may record noise.
- While recording on a Memory Card, don't eject the Memory Card or it may break the data on the Memory Card or Memory Card itself.
- Turning the power off while accessing the Memory Card may damage the data stored on the Memory Card.



<Moving image>

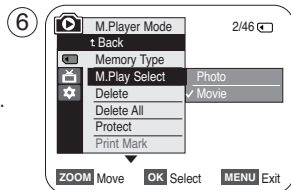
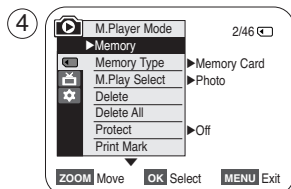
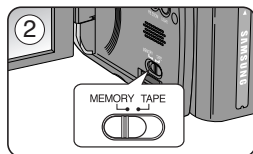
# Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

## Playing Moving Images (MPEG) on the Memory Card (M.Play Select)

- ❖ The Moving Images Playback function works only in <M. Player> mode. ➡page 19
  - ❖ You can play the moving images on the Memory Card.
  - ❖ Playing back on a PC shows better quality than on a TV.
1. Set the [Power] switch to [PLAYER].
  2. Set the [Mode] switch to [MEMORY].
  3. Press the [MENU] button.
    - The menu list will appear.
  4. Move the [Zoom] lever up or down to select <Memory>, then press the [OK] button.
  5. Move the [Zoom] lever up or down to select <M.Play Select>, then press the [OK] button.
  6. Move the [Zoom] lever up or down to select <Movie>, then press the [OK] button.
  7. To exit the menu, press the [MENU] button.
  8. Using the [◀▶] (REV/FWD) buttons, search for the moving image that you want to playback.
  9. Press the [▶/II (PLAY/STILL)] button.
    - The moving images recorded on the Memory Card will playback.
    - You can control playback using the [▶/II (PLAY/STILL)], [◀▶] (REV/FWD), and [■ (STOP)] buttons.

### [ Notes ]

- Direct accessing the M.Play Select function is available simply using the [QUICK MENU] button. ➡page 20
  - [MENU] button and [OK] button are not available while moving image playback. To use [MENU] button and [OK] button, stop playback.
- Moving image playback is not available when a menu or Quick menu is displayed on the screen. To start playback, press the [MENU] button to make it disappear.**
- There may be broken or mosaic pictures while playing moving images, but it is not malfunction.
  - The moving images that you recorded on the Memory Card may not play on other manufacturer's.
  - The moving images recorded by another Camcorder may not play on by this Camcorder.
  - To playback moving images on a PC, the Video Codec (in the CD provided with the camcorder) should be installed.
    - You need Microsoft Windows Media Player Version 9 or higher version in order to play moving images on the Memory Card on your PC.
    - You can download the Microsoft Windows Media Player applied each languages on Microsoft Website, "http://www.microsoft.com/windows/windowsmedia/download/default.asp".



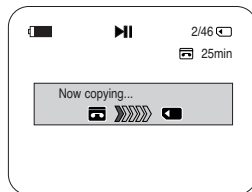
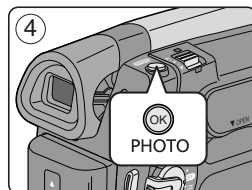


# Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

## Recording a Moving Image from a Cassette as a Photo Image

- ❖ This function works only in <Player> mode. ➡page 19
- ❖ You can record a Moving Image from a cassette as a Photo Image.
- ❖ If you want to move recorded multiple photo images from a cassette to a Memory Card, use the COPY function.

1. Set the **[Power]** switch to **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]**.
3. Playback the cassette.
4. Press the **[PHOTO]** button.
  - The photo image is recorded on the Memory Card.
  - During the time it takes to save an image, the playback screen is paused and the OSD is displayed. (see illustration right)



### [ Notes ]

- Photo images copied from the cassette to the Memory Card are saved in a 640x480 format.
- Number of images you can save varies depending on the image resolution.

# Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

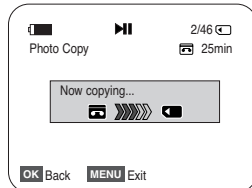
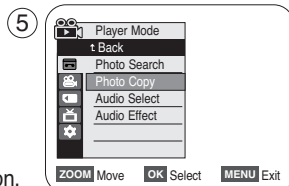
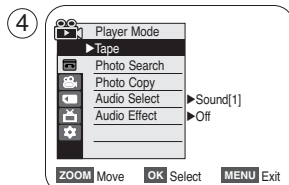
## Copying Still Images from a Cassette to Memory Card (Photo Copy)

- ❖ The Photo Copy function works only in <Player> mode. ➡page 19
- ❖ You can copy still images recorded with photo function on a cassette onto a Memory Card.
- ❖ Rewind the tape to the point which you wants.

1. Set the **[Power]** switch to **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]**.
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select <Tape>, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select <Photo Copy>, then press the **[OK]** button.
  - All still images that recorded on a cassette tape will be copied into a Memory Card.
6. The Camcorder automatically performs the still image search to find still images and copy starts.
7. Press the **[■ (STOP)]** button to stop copying.
  - Copy stops when the cassette is finished or Memory Card is full.

### [ Note ]

Still images copied from the cassette to the Memory Card are saved in 640x480 format.

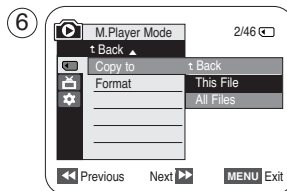
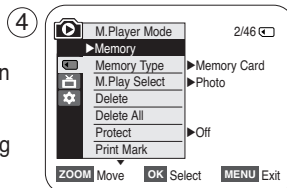
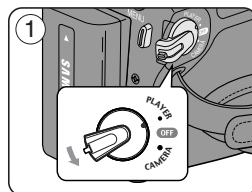


## Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

### *Copies Files from the Memory Card to the Built-in Memory (Copy to) (VP-D365W(i) only)*

- ❖ The Copy to function works only in <M.Player> mode. ➡page 19
- ❖ You can copy selected or all images stored in the Memory Card to the built-in memory.

1. Set the **[Power]** switch to **[PLAYER]**.
2. Set the **[Mode]** switch to **[MEMORY]**.
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select <Memory>, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select <Copy to>, then press the **[OK]** button.
6. Move the **[Zoom]** lever up or down to select options (**Back**, **This File** or **All Files**), then press **[OK]** button.
  - To go back to the previous mode, select <Back>.
  - If <This File> or <All Files> is selected, <Now copying...> is displayed and copying starts.
7. To exit, press the **[MENU]** button.



# Digital Still Camera Mode (VP-D363(i)/D364W(i)/D365W(i) only)

## Marking Images for Printing (Print Mark)

- ❖ The Print Mark function works only in <M.Player> mode. ➡ page 19
  - ❖ This Camcorder supports the DPOF (Digital Print Order Format) print format.
  - ❖ You can automatically print images recorded on a Memory Card with a printer supporting DPOF.
  - ❖ There are 2 ways to make a Print Mark.
    - <This File>: You can set a print mark on the photo image displayed on the LCD Screen. It can be set up to 999.
    - <All Files>: To print 1 copy each of all of the stored images.
1. Set the [Power] switch to [PLAYER].
  2. Set the [Mode] switch to [MEMORY].
    - The last recorded image appears.
  3. Using the [◀▶▶▶] (REV/FWD) buttons, search for the photo image that you want to mark.
  4. Press the [MENU] button.
    - The menu list will appear.
  5. Move the [Zoom] lever up or down to select <Memory>, then press the [OK] button.
  6. Move the [Zoom] lever up or down to select <Print Mark>, then press the [OK] button.
  7. Move the [Zoom] lever up or down to select desired option (All Off, This File or All Files), then press the [OK] button.
  8. If you select <This File>, move the [Zoom] lever up or down to select the quantity, then press the [OK] button.
  9. To exit, press the [MENU] button.

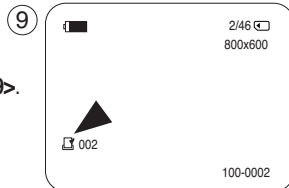
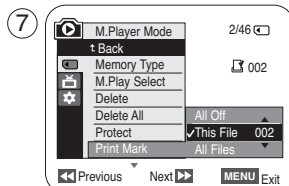
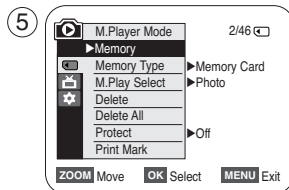
## Removing the Print Mark

To remove all Print Marks select <All Off>.

To remove individual file's Print Mark, select the file and set <This File> to <000>.

### [ Notes ]

- Direct accessing the Print Mark function is available simply using the [QUICK MENU]. ➡ page 20
- If the Print Mark is set to <This File>, you can set the number of copies from <000> to <999>.
- If the Print Mark is set to <All Files>, you can set the number of copies to <1>.
- The <All Files> option may require extended operation time depending on the number of stored images.
- DPOF supporting printers are commercially available.
- Use the USB cable provided with the Camcorder.



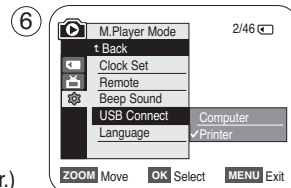
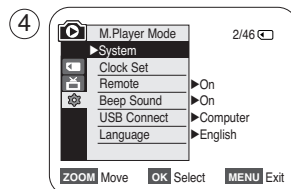
## PictBridge™ (VP-D363(i)/D364W(i)/D365W(i) only)

### Printing Your Pictures – Using the PictBridge™

- ❖ PictBridge™ function works only in **<M.Player>** mode. ➡ page 19
- ❖ By connecting the Camcorder to printers with PictBridge support (sold separately), you can send images from the Memory Card directly to the printer with a few simple operations.
- ❖ With the PictBridge Support, you can control the printer directly through your Camcorder in order to print out stored pictures. For direct printing of your stored pictures using the PictBridge function, you must connect your Camcorder to a PictBridge printer using a USB cable.

### Connecting To a Printer

- Turn your printer power off.
  - Turn your Camcorder on by setting the **[Power]** switch to **[PLAYER]**.
- Set the **[Mode]** switch to **[MEMORY]**.
- Press the **[MENU]** button.
  - The menu list will appear.
- Move the **[Zoom]** lever up or down to select **<System>**, then press the **[OK]** button.
- Move the **[Zoom]** lever up or down to select **<USB Connect>**, then press the **[OK]** button.
- Move the **[Zoom]** lever up or down to select **<Printer>**, then press the **[OK]** button.
  - <Computer>** : Connect to a computer.
  - <Printer>** : Connect to a printer. (To use the PictBridge function, connect to a printer.)
- Connect your Camcorder to the printer using the provided USB cable.
- Turn your printer power on.
  - The PictBridge menu screen appears automatically after a short period.
  - The cursor highlights **<Print>**.



# PictBridge™ (VP-D363(i)/D364W(i)/D365W(i) only)

## Selecting Images

1. In the **<PictBridge>** settings menu, press the [**◀▶**] (**REV/FWD**) buttons to select an image to print.

## Setting the Number of Prints

2. Move the [**Zoom**] lever up or down to select **<Copies>**, then press the [**OK**] button.
3. Move the [**Zoom**] lever up or down to set the number of prints, then press the [**OK**] button.

## Setting the Date/Time Imprint Option

4. Move the [**Zoom**] lever up or down to select **<Date/Time>**, then press the [**OK**] button.
5. Move the [**Zoom**] lever up or down to select the Date/Time display type, then press the [**OK**] button.
  - Date/Time display type: **<Off>**, **<Date>**, **<Time>**, **<Date&Time>**

## Printing Images

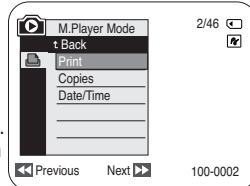
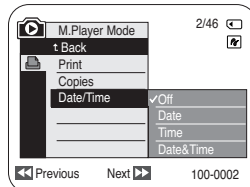
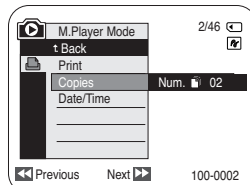
Move the [**Zoom**] lever up or down to select **<Print>**, then press the [**OK**] button, and selected image files will be printed.

## Canceling the Printing

To cancel the image printing, press [**OK**] button again.  
The message "Cancel" appears and the image printing will be canceled.

### [ Notes ]

- The Date/Time Imprint Option may not supported by all printers. Check with your printer manufacturer. The **<Date&Time>** menu cannot be setup if the printer does not support this option.
- The PictBridge™ is a registered trademark of CIPA (Camera & Imaging Products Association), an image transfer standard developed by Canon, Fuji, HP, Olympus, Seiko Epson, and Sony.
- PictBridge supporting printers are commercially available.
- Use the USB cable provided with the Camcorder.
- Use the AC power adapter for your Camcorder during PictBridge Direct Printing.  
Turning your Camcorder off during the printing might damage data on the Memory Card.
- Printing photo images is supported. Moving images are not available for printing.
- You can set various printing options depending on the printer.
- Please refer to the user's manual of the printer for details.



# IEEE 1394 Data Transfer

## *Transferring IEEE1394 (i.LINK)-DV Standard Data Connections (VP-D361i/D361Wi/D362i/D363i/D364Wi/D365Wi only)*

### Connecting to a DV Device (DVD Recorder, Camcorder, etc.)

- Connecting to other DV standard products.
  - A standard DV connection is quite simple.
  - If a product has a DV jack, you can transfer data by connecting to the DV jack using the correct cable. (not supplied)

**!!! Please be careful as there are two types of DV jacks (4pin, 6pin). This Camcorder has a 4pin jack.**

- With a digital connection, video and audio signals are transmitted in digital format, allowing high quality images to be transferred.

### Connecting to a PC

- If you want to transmit data to a PC, you must install an IEEE 1394 add-on card into the PC. (not supplied)
- The frame rate for moving image is dependent on the capacity of the PC.

### System Requirements

- CPU : faster Intel® Pentium III™ 450MHz compatible.
- Operating system : Windows® 98SE, ME, XP, Mac OS (9.1~10.4)
- Main memory : more than 64 MB RAM
- IEEE1394 add-on card or built in IEEE1394 card

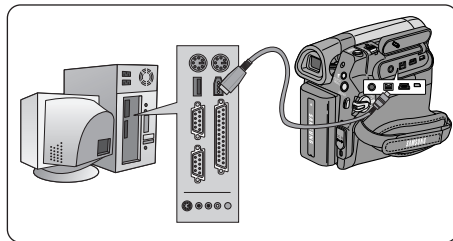
### [ Note ]

- Operation is not guaranteed for all the recommended computer environments mentioned above.

# IEEE 1394 Data Transfer

## Recording with a DV Connection Cable

1. Set the **[Power]** switch to **[PLAYER]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Connect the DV cable (not supplied) from the DV jack of the Camcorder to the DV jack of the other DV device.
  - Make sure that **DV** is displayed.
4. Press the **[Start/Stop]** button to begin REC PAUSE mode.
  - **<PAUSE>** is displayed.
5. Start playback on the other DV device while you monitor the picture.
6. Press the **[Start/Stop]** button to start recording.
  - If you want to pause recording momentarily, press the **[Start/Stop]** button again.
7. To stop recording, press the **[■ (STOP)]** button.



## [ Notes ]

- When you transmit data from the Camcorder to another DV device, some functions may not work.  
If this occurs, please reconnect the DV cable or turn the power OFF and ON again.
- When you transmit data from the Camcorder to PC, PC function button is not available in **<M.Player>** mode.
- Do not use other DV device when using IEEE1394.
- Do not connect the Camcorder to a PC using both DV and USB cables. It may not operate properly.
- The IEEE1394 cable (DV cable) is sold separately.
- Moving image software is commercially available.
- Most DV enabled PCs have a 6 pin jack. In this case, a 6pin/4pin cable is required for the connection.
- Most DV enabled Notebooks and Laptops have a 4 pin socket. Use a 4pin/4pin cable for the connection.
- DIS and COLOR NITE are not available when in DV (IEEE1394) mode.  
If DV (IEEE1394) mode is set, DIS and COLOR NITE modes will be released.
- When using this Camcorder as a recorder, the pictures that appear on a monitor may seem uneven, however recorded pictures will not be affected.



# USB Interface (VP-D362(i)/D363(i)/D364W(i)/D365W(i) only)

## Using USB Interface (VP-D362(i)/D363(i)/D364W(i)/D365W(i) only)

### Transferring a Digital Image through a USB Connection

- ❖ The Camcorder supports both USB 1.1 and 2.0 standards. (Depends on the PC specification)
- ❖ You can transfer a recorded file in Memory Card to a PC via a USB connection. (VP-D363(i)/D364W(i)/D365W(i) only)
- ❖ If you transfer data to a PC, you need to install the software (DV Driver, Video Codec, DirectX 9.0) supplied with the Camcorder.

### USB Connection Speed depending on the System

High speed USB connection is supported by Microsoft (Windows) device drivers only.

- Windows 98SE/ME - Full Speed USB
- Windows 2000 - High speed USB on a system with Service Pack 4 or later installed.
- Windows XP - High speed USB on a system with Service Pack 1 or later installed.

### System Requirements

	Windows System	
	Minimum	Recommended
CPU	Intel® Pentium III™, 600MHz	Intel® Pentium 4™, 2GHz
OS(Operating System)	Windows® 98SE/ME	Windows® 2000/XP
Memory	128MB	512MB
HDD capacity	1GB or more	2GB or more
Resolution	1024 x 768 dots 24bit Colour	1024 x 768 dots 24bit Colour
USB	USB1.1	USB2.0 High Speed

- It is not available for Macintosh systems.

### [ Notes ]

- USB 2.0 works for removable disk and USB streaming functions.
- On a slower PC than recommended, movie playback may not be smooth or video editing may take a long time.
- On a slower PC than recommended, movie playback may skip frames or operate unexpectedly.
- Intel® Pentium III™ or Pentium 4™ is a trademark of the Intel Corporation.
- Windows® is a registered trademark of the Microsoft® Corporation.
- All other brands and names are property of their respective owners.
- Operations are not guaranteed for all of the recommended computer environments mentioned above.
- Do not connect the Camcorder to a PC using both DV and USB cables. It may not operate properly.
- In <M.Cam> or <M.Player> mode, be sure that the Memory Card is inserted into Camcorder before connecting USB cable. If no Memory Card or an unformatted Memory Card is inserted, PC will not recognize your Camcorder as a removable disk. (VP-D363(i)/D364W(i)/D365W(i) only)
- USB Streaming requires Video Codec, DV Driver and DirectX 9.0.
- If you disconnect the USB cable from the PC or the Camcorder during the data transfer, the data transfer will stop and the data may be damaged.
- If you connect the USB cable to a PC using a USB HUB or with other devices at the same time, it may cause conflict and may not work properly. If this occurs, remove all other USB devices and try the connection again.

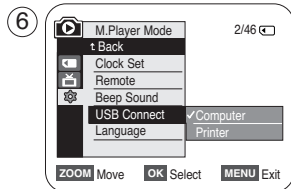
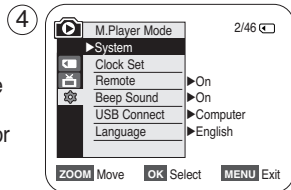
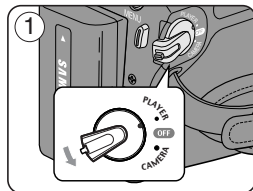


# USB Interface (VP-D362(i)/D363(i)/D364W(i)/D365W(i) only)

## Selecting the USB Device (USB Connect) (VP-D363(i)/D364W(i)/D365W(i) only)

- ❖ USB Connect function works only in <M.Player> mode. ➡page 19
- ❖ Using the USB cable, you can connect your Camcorder to a computer to copy your moving images and photo images from the Memory Card (or built-in memory; VP-D365W(i)), or to a printer to print your images.

1. Set the **[Power]** switch to **[PLAYER]**.
2. Set the **[Mode]** switch to **[MEMORY]**.
3. Press the **[MENU]** button.
  - The menu list will appear.
4. Move the **[Zoom]** lever up or down to select <System>, then press the **[OK]** button.
5. Move the **[Zoom]** lever up or down to select <USB Connect>, then press the **[OK]** button.
6. Move the **[Zoom]** lever up or down to select <Computer> or <Printer>, then press the **[OK]** button.
  - You can select <Computer> to use the Camcorder as a PC Camera, USB Stream or removable disk.
  - You can select <Printer> to use the Pictbridge feature. ➡page 84
7. To exit, press the **[MENU]** button.



## USB Interface (VP-D362(i)/D363(i)/D364W(i)/D365W(i) only)

### *Installing DV Media PRO Program*

- ❖ To play back moving images recorded by the Camcorder or streaming data transferred through the USB connection on a PC, the Video Codec program should be installed.
- ❖ Do not connect the Camcorder to PC before installing the program.
- ❖ If another Camcorder or scanner is connected, please disconnect it in advance.
- ❖ This explanation is based on Windows® 98SE OS.
- ❖ DV Media Pro User's Manual is included on the accompanying CD(D:/help/) in Adobe's Portable Document Format (PDF). (The Acrobat Reader is a freeware product of AdobeSystems,Inc.)  
DV Media Pro User's Manual is in English.

### Program Installation

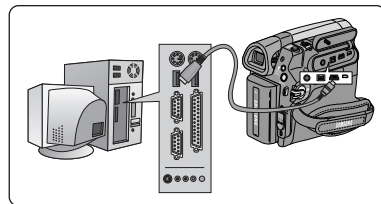
1. Insert the software CD into the CD-ROM drive of your computer.
  - Installation selection screen appears.
2. If the installation selection screen does not appear after inserting the CD, click "Run" in the Windows "Start" menu and execute Autorun.exe file to begin installation. When CD-ROM drive is set to "D:drive", type "D:/autorun.exe" and press Enter.
3. Click the icons listed below to install the selected software.
  - DV Driver Click
    - USB removable Disk Driver (Windows® 98SE only) (VP-D363(i)/D364W(i)/D365W(i) only)
    - USB PC CAMERA & STREAMING Driver (CAPTURE DRIVER)
    - Connect a Camcorder to your PC to complete the DV Driver installation.
      - 1) This function works only in Camera mode.
      - 2) Connect the camcorder to the PC using the USB cable.
      - 3) The SAMSUNG A/V Capture driver installation begins on the PC.
  - DirectX 9.0 Click
  - Video Codec Click

The Video Codec needs to be installed in order to play the moving images (stored in the Memory Card) on a PC or to use the USB Streaming/PC Camera functions.

## USB Interface (VP-D362(i)/D363(i)/D364W(i)/D365W(i) only)

### Connecting to a PC

1. Connect a USB cable to the USB jack on the PC.
  - If a USB cable is connected to the Camcorder's USB jack, the Multi Cable is disabled.
2. Connect the other end of the USB cable into the USB jack on the Camcorder. (USB jack)
  - If PC is connected with the USB to the Camcorder, only the **[Power]** switch, **[Mode]** switch, **[Zoom]** lever can be operated.



### Disconnecting the USB Cable

- ❖ After completing the data transmission, you must disconnect the cable in the following way:
  1. Select the removable disc icon and click the right mouse button to select <Eject>.
  2. Select <Confirm> and disconnect the USB cable when the Windows Splash screen appears.

### [ Notes ]

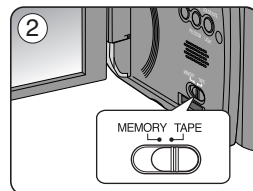
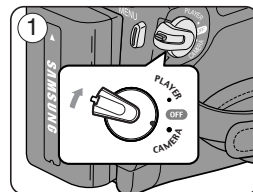
- If you disconnect the USB cable from the PC or the Camcorder while transferring, the data transmission will stop and the data may be damaged.
- If you connect the USB cable to a PC via a USB HUB or simultaneously connect the USB cable along with other USB devices, the Camcorder may not work properly. If this occurs, remove all USB devices from the PC and reconnect the Camcorder.

## USB Interface (VP-D362(i)/D363(i)/D364W(i)/D365W(i) only)

### Using the PC Camera Function

- ❖ This function works only in **<Camera>** mode. ➡ page 19
- ❖ To use the PC Camera function, DV Driver, Video Codec and DirectX 9.0 programs must be installed in the PC.
- ❖ You can use this Camcorder as a PC Camera.
- ❖ When you connect to a Web site that provides video chatting functions, you can use your Camcorder for such functions.
- ❖ When using this camcorder for video conferencing (such as Net Meeting), voice communication may not be supported depending on the video conferencing software. In this case, connect an external microphone to the soundcard of the PC to enable voice communication.
- ❖ Using the Camcorder with PC Net Meeting program installed, you can participate in video conference.
- ❖ The PC Camera's screen size (Transferred video frame rate for the PC Camera function is max 12.5 fps.)
  - 640X480 (VGA) pixels for USB 2.0 connection.
- ❖ If PC is connected with the USB to the Camcorder, only the **[Power]** switch, **[Mode]** switch, **[Zoom]** lever can be operated.

1. Set the **[Power]** switch to **[CAMERA]**.
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)
3. Connect one end of the USB cable to the USB jack on the Camcorder and the other end to the USB connector on your computer.



## USB Interface (VP-D362(i)/D363(i)/D364W(i)/D365W(i) only)

### Using the USB Streaming Function

- ❖ This function works in both <Camera> and <Player> modes. ➡ page 19
  - ❖ To use USB streaming, the DV Driver, Video Codec and DirectX 9.0. programs must be installed in the PC.
  - ❖ You can view Camcorder video on your PC using USB streaming.
  - ❖ You can also store it as a moving image in the "avi" file format, or as a photo image in the "jpg" file format on a PC.
1. Set the **[Power]** switch to **[CAMERA]** or **[PLAYER]**, set the **[MODE]** switch to **[TAPE]** (VP-D363(i)/D364W(i)/D365W(i) only).
  2. Connect one end of the USB cable to the USB jack on the Camcorder and the other end to the USB jack on your computer.
  3. Setup and execute Windows Movie Maker or the Ulead VIDEO Studio Software application provided on the CD.
    - For detailed instructions for Ulead VIDEO Studio use, refer to the program's Help function.
    - Windows Movie Maker is used for WINDOWS ME and XP users. (C:/program files/Movie maker/moviemk.exe)

### Using the removable Disk Function (VP-D363(i)/D364W(i)/D365W(i) only)

- ❖ You can easily transfer data from a Memory Card to a PC without additional cards via a USB connection.
1. Set the **[Power]** switch to **[CAMERA]** or **[PLAYER]**, set the **[Mode]** switch to **[MEMORY]**.
  2. Connect one end of the USB cable to the USB jack on the Camcorder and the other end to the USB jack on your computer.
  3. To verify whether the removable disk has been properly recognised, open Windows Explorer and locate the removable disk.

# Maintenance

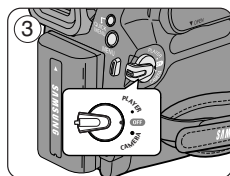
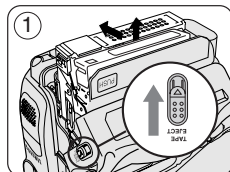
## After Finishing a Recording

- ❖ At the end of a recording you must remove the power source.
- ❖ When recording with a Battery Pack, leaving the pack on the Camcorder can reduce the life span of the battery.

The Battery Pack should be released after recording is completed.

1. Open the Cassette door while sliding the **[TAPE EJECT]** switch in the direction of the arrow.
  - Pull the cassette compartment out automatically.
  - Please wait while the tape is completely ejected.
2. After removing the tape, close the door and store the Camcorder in a dust free environment. Dust and other foreign materials can cause square-shaped noise or jerky images.
3. Set the **[Power]** switch to the **[Off]**.
4. Disconnect the power source or remove the Battery Pack.
 

Press the **[BATTERY RELEASE]** button located on the bottom of the Camcorder and slide the Battery Pack in the direction of the arrow.



## Usable Cassette Tapes

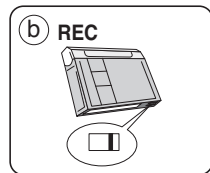
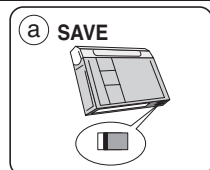
When you have recorded something that you wish to keep, you can protect it so that it will not be accidentally erased.

- a. Protecting a tape: Push the safety tab on the cassette so that the hole is uncovered.
- b. Removing the tape protection:
 

If you no longer wish to keep the recording on the cassette, push the safety tab back so that it covers the hole.

How to store a tape

- a. Avoid places with magnets or magnetic interference.
- b. Avoid humidity and dust prone places.
- c. Keep the tape in an upright position and avoid storing it in direct sunlight.
- d. Avoid dropping or knocking your tapes.



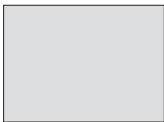
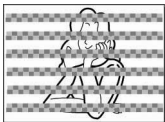
# Maintenance

## *Cleaning and Maintaining the Camcorder*

### Cleaning the Video Heads

To ensure normal recording and clear pictures, clean the video heads when the playback pictures display square block-shaped noise or distortion, or a blue screen appears.

1. This function works only in **<Player>** mode. ➡ page 19
2. Set the **[Mode]** switch to **[TAPE]**. (VP-D363(i)/D364W(i)/D365W(i) only)



(blue screen)

3. Insert the cleaning tape.
4. Press the **[▶/II (PLAY/STILL)]** button.
5. Press the **[■ (STOP)]** button after 10 seconds.

### **[ Notes ]**

- Check the quality of the picture using a videocassette.
  - If the picture quality has not improved, repeat the operation.
- Clean the video heads with a dry type cassette cleaner.
- Some cleaning cassette products stop automatically. Refer to the cleaning cassette's instructions for detailed information. If the problem continues after the cleaning, consult your nearest Samsung dealer or Authorized Service Centre. (blue screen)



# Maintenance

## *Using Your Camcorder Abroad*

- ❖ Each country or region has its own electric and colour systems.
- ❖ Before using your Camcorder abroad, check the following items.

### **Power sources**

- You can use your Camcorder in any country or area with the supplied AC Power adapter within 100V to 240V, 50/60 Hz.
- Use a commercially available AC jack adapter, if necessary, depending on the design of the local wall outlet.

### **Colour system**

You can view your recording in the Viewfinder.

However, to view it on a television or copy it to a videocassette recorder, the television or VCR must be PAL-compatible and have the appropriate audio/video jacks.

Otherwise, you may need to use a transcoder.

#### **PAL-compatible Countries/Regions**

Australia, Austria, Belgium, Bulgaria, China, CIS, Czech Republic, Denmark, Egypt, Finland, France, Germany, Greece, Great Britain, Holland, Hong Kong, Hungary, India, Iran, Iraq, Kuwait, Libya, Malaysia, Mauritius, Norway, Romania, Saudi Arabia, Singapore, Slovak Republic, Spain, Sweden, Switzerland, Syria, Thailand, Tunisia, etc.

#### **NTSC-compatible Countries/Regions**

Bahamas, Canada, Central America, Japan, Korea, Mexico, Philippines, Taiwan, United States of America, etc.

#### **[ Note ]**




You can make recordings with your Camcorder and view pictures on the LCD Screen from anywhere in the world.

# Troubleshooting


## Troubleshooting

- ❖ Before contacting a Samsung authorized service centre, perform the following simple checks.  
They may save you the time and expense of an unnecessary call.

### Self Diagnosis Display

Display	Blinking	Informs that...	Action
	slow	the Battery pack is almost discharged.	Change to a charged one.
Tape end!	slow	When the remaining time on the tape is about 2 minutes.	Prepare a new one.
Tape end!	no	the tape reached its end.	Change to a new one.
No Tape!	slow	there is no tape in Camcorder.	Insert a tape.
Protection!	slow	the tape is protected from recording.	If you want to record, release the protection.
 ...D L C R	slow	the Camcorder has some mechanical fault.	1. Eject the tape. 2. Set to OFF. 3. Detach the battery. 4. Reattach the battery. * If unresolved contact your local samsung service centre.
	slow	moisture condensation has formed in the Camcorder.	see below.

### Moisture Condensation

- If the Camcorder is brought directly from a cold place to a warm place, moisture may condense inside the Camcorder, on the surface of the tape, or on the lens. In this condition, the tape may stick to the head drum and be damaged or the unit may not operate correctly.  
To prevent possible damage under these circumstances, the Camcorder is fitted with a moisture sensor.
- If there is moisture inside the Camcorder,  (DEW) is displayed. If this happens, none of the functions except cassette ejection will work.  
Open the cassette compartment and remove the Battery.  
Leave the Camcorder for at least two hours in a dry warm room.

# Troubleshooting

## Self Diagnosis Display in M.Cam/M.Player Modes (VP-D363(i)/D364W(i)/D365W(i) only)

Display	Blinking	Informs that...	Action
No Memory Card !	slow	There is no Memory Card in the Camcorder.	Insert a Memory Card.
Memory full !	slow	There is not enough memory to record.	Change to a new Memory Card. Erase recorded image.
No image !	slow	There are no images recorded on the Memory Card.	Record new images.
Write protect !	slow	The Memory Card is record protected.	Release the write protect tab on the Memory Card.
Protect !	slow	When you try to delete to protected image.	Cancel the protection of image.
Read error !	slow	The Camcorder can not playback.	Format a Memory Card or insert Memory Card recorded on this Camcorder.
Write error !	slow	The Camcorder can not record.	Format a Memory Card or change to a new Memory Card.
Not formatted !	slow	The Memory Card needs to format.	Format a Memory Card. (see page 78)
Now deleting...	slow	When progressing file delete.	Wait until delete has been finished.
Memory Card Error !	slow	If inserted Memory Card is not recognised by the Camcorder.	Eject and re-insert the memory card Try another Memory Card

# Troubleshooting

♣ If these instructions do not solve your problem, contact your nearest Samsung authorized service centre.

Symptom	Explanation/Solution
You cannot switch the Camcorder on.	Check the Battery pack or the AC Power adapter.
Start/Stop button does not operate while recording.	Check the Power switch is set to CAMERA. You have reached the end of the cassette. Check the record protection tab on the cassette.
The Camcorder shuts off automatically.	You have left the Camcorder set to STBY for more than 5 minutes without using it. The Battery pack is fully exhausted.
Charge runs out quickly.	The atmospheric temperature is too low. The Battery pack has not been charged fully. The Battery pack is completely dead, and cannot be recharged. Use another Battery pack.
When you see a blue screen during playback.	The video heads may be dirty. Clean the head with a cleaning tape.
A vertical strip appears on the screen when recording a dark background.	The contrast between the subject and the background is too great for the Camcorder to operate normally. Make the background bright to reduce the contrast or use the BLC function while you are recording in bright Surroundings.
The image in the Viewfinder is blurred.	The Viewfinder lens has not been adjusted. Adjust the Viewfinder control lever until the indicators displayed on the Viewfinder come into sharp focus.
Auto focus does not work.	Check the Manual Focus menu. Auto focus does not work in the Manual Focus mode.
Play, FF or REW button does not work.	Check the Power switch. Set the Power switch to PLAYER. You have reached the beginning or end of the cassette.
When you see a mosaic pattern during playback search.	This is normal operation and it is not a failure or defect. The tape may be damaged. Replace the tape. Cleaning the video heads (see page 96).

# Troubleshooting

## Setting menu items

Main Menu	Sub Menu	Functions	Available Mode				Page
			Camera	Player	M-Cam ①	M-Player ①	
Camera	Program AE	Selecting the Program AE Function	✓				49, 50
	White Balance	Setting the White Balance	✓		✓		51
	Visual Effect	Setting the Digital special effect	✓				52, 53
	16:9 Wide	Setting the 16:9 Wide Function	✓				54
	DIS	Selecting the Digital Image Stabilizing	✓				55
	Digital Zoom	Selecting the Digital Zoom	✓				56
Tape	Photo Search	Searching pictures recorded in Tape		✓			57
	Photo Copy	Copying still images from a cassette to Memory Card		✓			82
	Audio Select	Selecting the Audio playback channel		✓			63
	Audio Effect	Selecting the Audio Effect		✓			66
Record	Rec Mode	Selecting the recording speed	✓	✓			44
	Audio Mode	Selecting Sound Quality for recording	✓	✓			44
	WindCut Plus	Minimizing wind noise	✓	✓			45
	Real Stereo	Selecting the Real Stereo	✓				46
	AV In/Out ②	Selecting the AV input/output		✓			67
Memory ①	Memory Type ③	Selecting the memory type		✓	✓	✓	70
	Photo Quality	Selecting Image Quality		✓	✓		71
	M.Play Select	Selecting Storage Media (Photo, Movie) to playback				✓	80
	Delete	Deleting Files				✓	76
	Delete All	Deleting All files				✓	77
	Protect	Preventing Accidental Erasure				✓	75
	Print Mark	Print images recorded on a Memory Card				✓	84
	Copy To ③	Copying the image of Memory Card to int. memory				✓	83
	Format	Formatting the Memory Card				✓	78
	File No.	File Numbering Options			✓		72

① : VP-D363(i)/D364W(i)/D365W(i) only

② : VP-D361i/D361Wi/D362i/D363i/D364Wi/D365Wi only

③ : VP-D365W(i) only

# Troubleshooting

Main Menu	Sub Menu	Functions	Available mode				Page
			Camera	Player	M-Cam ①	M-Player ①	
Display	LCD Bright	Setting the Brightness tone of the LCD Screen	✓	✓	✓	✓	29
	LCD Colour	Setting the Colour tones of the LCD Screen	✓	✓	✓	✓	29
	Date/Time	Setting the Date and Time	✓	✓	✓	✓	30
	TV Display	Selecting OSD on/off of TV	✓	✓	✓	✓	31
System	Clock Set	Setting the Clock Set	✓	✓	✓	✓	23
	Remote ③	Using the remote control	✓	✓	✓	✓	24
	Beep Sound	Setting the Beep sound	✓	✓	✓	✓	25
	Shutter Sound ①	Setting the Shutter sound		✓	✓		26
	USB Connect ④	Setting the USB				✓	90
	Language	Selecting the OSD language	✓	✓	✓	✓	27
	Demonstration	Demonstration	✓				28


① : VP-D363(i)/D364W(i)/D365W(i) only

③ : VP-D363(i)/D364W(i)/D365W(i) only

④ : VP-D363(i)/D364W(i)/D365W(i) only



MEMORY STICK™

- “Memory Stick” and  are trademarks of Sony Corporation.
  - All other product names mentioned herein may be the trademarks or registered trademarks of their respective companies.
- Furthermore, “TM” and “®” are not mentioned in each instance in this manual.

# Specifications

**Model Name: VP-D361(i)/D361W(i)/D362(i)/D363(i)/D364W(i)/D365W(i)**

<b>System</b>	
Video signal	PAL
Video recording system	2 rotary heads, Helical scanning system
Audio recording system	Rotary heads, 12/16b PCM system
Usable cassette	Digital video tape (6.35mm width): Mini DV cassette
Tape speed	SP: approx. 18.83mm/s LP: approx. 12.57mm/s
Tape recording time	SP: 60 minutes (when using DVM 60), LP: 90 minutes (when using DVM 60)
FF/REW time	Approx. 150 sec. (using DVM60 tape)
Image device	CCD (Charge Coupled Device) (800k pixels)
Lens	F1.6 33x, 1200x(Digital) Electronic zoom lens
Filter diameter	Ø27
<b>LCD Screen/Viewfinder</b>	
Size/dot number	2.5inch 112K(VP-D361(i)/D362(i)/D363(i) only) / 2.7inch(wide) 230K(VP-D361W(i)/D364W(i)/D365W(i) only)
LCD Screen Method	TFT LCD
Viewfinder	Colour LCD
<b>Connectors</b>	
Video output	1Vp-p (75Ω terminated)
S-video output	Y: 1Vp-p, 75Ω, C: 0. 286Vp-p, 75Ω
Audio output	-7.5dBs (600Ω terminated)
DV input/output	4pin special in/out connector
USB output	Mini-B type connector
External mic	Ø3.5 stereo

<b>General</b>	
Power source	DC 8.4V, Lithium Ion Battery Pack 7.4V
Power source type	Lithium Ion Battery Pack, Power supply (100V~240V) 50/60Hz
Power consumption	3.9W(LCD), 3.7W(Viewfinder) (VP-D361(i)/D362(i)/D363(i) only)
(Recording)	4.1W(LCD), 3.9W(Viewfinder) (VP-D361W(i)/D364W(i)/D365W(i) only)
Operating temperature	0°~40° C (32° F~104° F)
Storage temperature	-20° C ~ 60° C (-4° F ~ 140° F)
External dimension	Height 3.62inches(93mm), Length 4.63inches(105mm), Width 2.52inches(53mm)
Weight	0.904lb (350g, 14.46oz) (Except for Lithium Ion Battery Pack and tape)
Internal MIC	Omni-directional stereo microphone
Remote control	Indoors: greater than 49ft(15m) (straight line), Outdoors: about 16.4ft(5m) (straight line)
(VP-D363(i)/D364W(i)/D365W(i) only)	

- These technical specifications and design may be changed without notice.

# Index

## - A -

Accessories .....	8
AF/MF .....	48
Audio Dubbing .....	62
Audio Mode .....	44

## - B -

Battery Pack .....	16
BLC .....	41

## - C -

Cassette .....	32
Cleaning .....	96
Clock Set .....	23
Connecting .....	87

## - D -

Date/Time .....	30
DC Cable .....	19
Deleting .....	76~77
Demonstration .....	28
DIS .....	55
DV .....	87

## - E -

EASY.Q Mode .....	35
Exposure .....	47

## - F -

Fade .....	40
Formatting .....	78
Frame advance .....	60
Function buttons .....	9

## - H -

Hand Strap .....	14
------------------	----

## - I -

IEEE1394 .....	87~88
----------------	-------

## - L -

LCD .....	29
-----------	----

## - M -

Memory Card .....	68
Memory Stick .....	68
Moving Image Recording .....	79

## - O -

OSD .....	21, 22
-----------	--------

## - P -

Photo Copy .....	82
Photo Quality .....	71
Photo Search .....	57
Program AE .....	49
Protection .....	75
Photo images .....	73

## - R -

Rec Mode .....	44
Rec Search .....	36
Remote .....	24
Remote control .....	13

## - S -

Shutter Speed .....	47
Sound .....	25~26
Speaker .....	58

## - T -

Tele Macro .....	39
TV Display .....	31

## - U -

USB .....	89~94
-----------	-------

## - V -

Viewfinder .....	32
Visual Effect .....	52

## - W -

White Balance .....	51
WindCut Plus .....	45

## - Z -

ZERO MEMORY .....	37
Zoom .....	39



## Power Sources (United Kingdom Only)

---

The mains lead on the power adapter is supplied with a moulded plug incorporating a fuse.

The value of the fuse is indicated on the pin face of the plug and, if it requires replacing, a fuse approved to BS1362 of the same rating must be used.

Never use the plug with the fuse cover omitted if the cover is detachable.

If a replacement fuse cover is required, it must be of the same colour as the pin face of the plug.

Replacement covers are available from your dealer.

If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance.

However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug.

Do NOT connect the plug to a mains socket as there is a risk of shock hazard from the bared flexible cord.

### IMPORTANT

The wires in the mains lead are coloured in accordance with the following code:


BLUE = NEUTRAL

BROWN = LIVE

As these colours may not correspond to the coloured marqueings identifying the terminals in your plug, proceed as follows:

The wire coloured BLUE must be connected to the terminal marqueeed with the letter N or coloured BLUE or BLACK.

The wire coloured BROWN must be connected to the terminal marqueeed with the letter L or coloured BROWN or RED.

**[ WARNING ]** Do not connect either wire to the earth terminal marqueeed with the letter E or the earth symbol, , or coloured GREEN or GREEN and YELLOW.

**[ NOTE ]** This page is applicable to Great Britain only.



## UNITED KINGDOM

This Samsung product is warranted for the period of twelve (12) months from the original date of purchase, against defective materials and workmanship. In the event that warranty service is required, you should return the product to the retailer from whom it was purchased.

However, Samsung Authorised Dealers and Authorised Service Centres in other EC Countries will comply with the warranty on the terms issued to purchasers in the country concerned. In case of difficulty, details of our Authorised Service Centres are available from:

**Samsung Electronics U.K. Ltd.**

**Unit C, Stafford Park 12**

**Telford, Shropshire**

**TF3 3BJ**

**The United Kingdom**

**Tel: 0870 242 0303, Fax: 01952 297617**

**[www.samsung.com/uk](http://www.samsung.com/uk)**

### ■ WARRANTY CONDITIONS

1. The warranty is only valid if, when warranty service is required, the warranty card is fully and properly completed and is presented with the original invoice or sales slip or confirmation, and the serial number on the product has not been defaced.
2. Samsung's obligations are limited to the repair or, at its discretion, replacement of the product or the defective part.
3. Warranty repairs must be carried out by Authorised Samsung Dealers or Authorised Service Centres. No reimbursement will be made for repairs carried out by non Samsung Dealers and, any such repair work and damage to the products caused by such repair work will not be covered by this warranty.
4. This product is not considered to be defective in materials nor workmanship by reason that it requires adaptation in order to conform to national or local technical or safety standards in force in any Country other than the one for which the product was originally designed and manufactured. This warranty will not cover, and no reimbursement will be made for such adaptation nor any damage which may result.
5. This warranty covers none of the following:
  - a) Periodic check ups, maintenance and repair or replacement of parts due to normal wear and tear.
  - b) Cost relating to transport, removal or installation of the product.
  - c) Misuse, including the failure to use this product for its normal purposes or incorrect installation.
  - d) Damage caused by Lightning, Water, Fire, Acts of God, War, Public Disturbances, incorrect mains voltage, improper ventilation or any other cause beyond the control of Samsung.
6. This warranty is valid for any person who legally acquired possession of the product during the warranty period.
7. The consumers statutory rights in any applicable national legislation whether against the retailer arising from the purchase contract or otherwise are not affected by this warranty. Unless there is national legislation to the contrary, the rights under this warranty are the consumers sole rights and Samsung, its subsidiaries and distributors shall not be liable for indirect or consequential loss or any damage to records, compact discs, videos or audio taper or any other related equipment or material.



## REPUBLIC OF IRELAND

**SAMSUNG ELECTRONICS (U.K.) LTD.**



## ΕΛΛΑΣ (GREECE)

Αγαπητέ πελάτη,

Σας ευχαριστούμε για την εμπιστοσύνη που δείξατε στην **SAMSUNG** με την αγορά αυτής της συσκευής.

Το προϊόν αυτό της **SAMSUNG** είναι εγγυημένο για περίοδο δώδεκα (12) μηνών από την ημερομηνία αγοράς του για ανταλλακτικά και εργατικά. Στην περίπτωση που θα χρειαστεί επισκευή, το προϊόν αυτό της **SAMSUNG** θα πρέπει να σταλεί ή να μεταφερθεί στο εξουσιοδοτημένο **service**, με έξοδα του αγοραστή.

Εξουσιοδοτημένοι αντιπρόσωποι και εξουσιοδοτημένα κέντρα **service** σε άλλες Ευρωπαϊκές χώρες, θα αποδεχθούν τους όρους της εγγύησης.

Πληροφορίες για τα εξουσιοδοτημένα κέντρα **service** στην Ελλάδα, μπορείτε να πάρετε από την

**FOURLIS TRADE A.E.B.E.**

Λ. Κρυονερίου 112

145 68 Κρυονέρι, Αττικής

Τηλ. 210.629.3100

### ■ Όροι της εγγύησης

1. Η εγγύηση ισχύει εάν και μόνο εάν το προϊόν χρειάζεται **service** και η κάρτα εγγύησης έχει πλήρως συμπληρωθεί και σφραγισθεί από το κατάστημα αγοράς. Επίσης πρέπει να προσκομισθεί και το τιμολόγιο ή η απόδειξη λιανικής πώλησης, πάνω στην οποία ο σειριακός αριθμός του προϊόντος πρέπει να είναι ευκρινής.
2. Η υποχρέωση της **SAMSUNG** αφορά μόνο την επισκευή του προϊόντος

3. Η επισκευή του προϊόντος πρέπει να ανατίθεται μόνο σε εξουσιοδοτημένα κέντρα **service** ή εξουσιοδοτημένους αντιπροσώπους της **SAMSUNG**. Καμία αποζημίωση δεν θα γίνει αποδεκτή για επισκευή που έχει γίνει από μη εξουσιοδοτημένο από την **SAMSUNG** συνεργείο.

4. Το προϊόν αυτό δεν θα θεωρηθεί ελαττωματικό στα υλικά ή στην εργασία επισκευής εάν θα πρέπει να προσαρμοστεί, μετατραπεί ή ρυθμιστεί ώστε να συμμορφωθεί με τις τοπικές τεχνικές προδιαγραφές ή προδιαγραφές που ισχύουν σε χώρα άλλη από αυτή για την οποία προορίζεται ή κατασκευάστηκε.

Η εγγύηση αυτή δεν καλύπτει αποζημιώσεις για:

- \* Κεφαλές βίντεο και κασетоφώνων
- \* Κεφαλές βιντεοκάμερας
- \* Γεννήτριες ακτινών **laser** στα CD, DVD
- \* Τηλεχειριστήρια
- \* Λυχνίες φούρνων μικροκυμάτων
- \* Προσαρμογές, μετατροπές ή ρυθμίσεις, ανεξάρτητα αν είναι επιτυχής ή ανεπιτυχής, ούτε οποιαδήποτε ζημία προέρχεται εξ αυτού...

5. Η εγγύηση αυτή δεν καλύπτει καμία από τις παρακάτω περιπτώσεις:

- \* Περιοδικούς ελέγχους, συντήρηση και επισκευή ή αντικατάσταση μερών που οφείλονται σε φυσιολογική φθορά
- \* Τα έξοδα και τους κινδύνους μεταφοράς που σχετίζονται με την εγγύηση αυτού του προϊόντος
- \* Ζημία σε αυτό το προϊόν που προέρχεται από:
  - A. Κατάχρηση ή κακή χρήση, συμπεριλαμβανομένης αλλά και μη περιορισμένης σε:  
Μη χρήση αυτού του προϊόντος για τους σκοπούς που φυσιολογικά προορίζεται ή σύμφωνα με τις οδηγίες χρήσεως για την σωστή χρήση και συντήρηση αυτού του προϊόντος  
Την εγκατάσταση και χρήση του προϊόντος με τρόπους που αντίκεινται στις τεχνικές προδιαγραφές ασφαλείας που ισχύουν κατά την χρήση του προϊόντος
  - B. Επισκευή που έγινε από μη εξουσιοδοτημένα συνεργεία **service**
  - Γ. Ατυχήματα, θεομηνίες ή οποιαδήποτε αιτία πέρα του ελέγχου της **SAMSUNG**, συμπεριλαμβανομένων αλλά μη περιορισμένων των κεραυνών, του νερού, της φωτιάς, των δημοσίων αναταραχών, του κακού αερισμού κλπ.

Δ. Η εγγύηση αυτή δεν επηρεάζει τα δικαιώματα του καταναλωτή που προβλέπονται από την εφαρμοστέα εθνική νομοθεσία που ισχύει, ούτε τα δικαιώματα των καταναλωτών εναντίον των λιανοπωλητών που απορρέουν από την σύμβαση πώλησης.

Ε. Σε περίπτωση που δεν υπάρχει εθνική νομοθεσία αυτή η εγγύηση θα είναι η μοναδική και αποκλειστική κάλυψη του καταναλωτή για κάθε ζημιά.

**FOURLIS TRADE A.E.B.E.**

# ENGLISH

## Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care centre.

Region Country	Customer	Care Centre	Web Site
North America	CANADA	1-800-SAMSUNG (7267864)	www.samsung.com/ca
	MEXICO	01-800-SAMSUNG (7267864)	www.samsung.com/mx
	U.S.A	1-800-SAMSUNG (7267864)	www.samsung.com
Latin America	ARGENTINE	0800-333-3733	www.samsung.com/ar
	BRAZIL	0800-124-421	www.samsung.com/br
	CHILE	800-726-7864(SAMSUNG)	www.samsung.com/cl
	COSTA RICA	0-800-507-7267	www.samsung.com/latin
	ECUADOR	1-800-10-7267	www.samsung.com/latin
	EL SALVADOR	800-6225	www.samsung.com/latin
	GUATEMALA	1-800-299-0013	www.samsung.com/latin
	JAMAICA	1-800-234-7267	www.samsung.com/latin
	PANAMA	800-7267	www.samsung.com/latin
	PUERTO RICO	1-800-682-3180	www.samsung.com/latin
	REP. DOMINICA	1-800-751-2676	www.samsung.com/latin
	TRINIDAD & TOBAGO	1-800-7267-8664	www.samsung.com/latin
	VENEZUELA	1-800-100-5303	www.samsung.com/latin
	BELGIUM	02 201 2419	www.samsung.com/be
	CZECH REPUBLIC	844 000 844	www.samsung.com/cz
Europe	DENMARK	38 322 887	www.samsung.com/dk
	FINLAND	09 693 79 554	www.samsung.com/fi
	FRANCE	08 25 08 65 65 (0,15€/Min)	www.samsung.com/fr
	GERMANY	01805 - 121213 (€ 0,12/Min)	www.samsung.de
	HUNGARY	06 40 985 985	www.samsung.com/hu
	ITALIA	199 153 153	www.samsung.com/it
	LUXEMBURG	02 261 03 710	www.samsung.lu
	NETHERLANDS	0900 20 200 88 (€ 0,10/Min)	www.samsung.com/nl
	NORWAY	231 627 22	www.samsung.com/no
	POLAND	0 801 801 881	www.samsung.com/pl
	PORTUGAL	80 8 200 128	www.samsung.com/pt
	SLOVAKIA	0850 123 989	www.samsung.com/sk
	SPAIN	902 10 11 30	www.samsung.com/es
	SWEDEN	08 585 367 87	www.samsung.com/se
	U.K	0870 242 0303	www.samsung.com/uk
CIS	RUSSIA	8-800-200-0400	www.samsung.ru
	UKRAINE	8-800-502-0000	www.samsung.com/ur
Asia Pacific	AUSTRALIA	1300 362 603	www.samsung.com/au
	CHINA	800-810-5858, 010- 6475 1880	www.samsung.com.cn
	HONG KONG	2862 6001	www.samsung.com/hk
	INDIA	3030 8282 1600 1100 11	www.samsung.com/in
	INDONESIA	0800-112-8888	www.samsung.com/id
	JAPAN	0120-327-527	www.samsung.com/jp
	MALAYSIA	1800-88-9999	www.samsung.com/my
	PHILIPPINES	1800-10-SAMSUNG (7267864)	www.samsung.com/ph
	SINGAPORE	1800-SAMSUNG (7267864)	www.samsung.com/sg
	THAILAND	1800-29-3232 02-689-3232	www.samsung.com/th
Middle East & Africa	TAIWAN	0800-329-999	www.samsung.com/tw
	VIETNAM	1 800 588 889	www.samsung.com/vn
	SOUTH AFRICA	0860 7267864 (SAMSUNG)	www.samsung.com/za
	U.A.E	800SAMSUNG (7267864)	www.samsung.com/mea

**THIS CAMCORDER IS MANUFACTURED BY:**

