

DXG-5F0V HD
User's Manual



DXG USA

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Preface

Congratulations on your purchase of this advanced camcorder. Make sure that you read this manual carefully and keep it in a safe place for future reference.

About this manual

Every effort has been made to ensure that the contents of this manual are correct and up to date. However, no guarantee is made regarding the accuracy of the contents. If the contents of this manual do not tally with the camera, please take the camera as a criterion. We reserve the right to change the contents of this manual and specifications of the product without prior notice.

If the accessories do not tally with the actual package, please take the actual package as the criterion.

Copyright

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All rights reserved. No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system or translated into any language or computer language, in any form or by any means, electronic, mechanical, magnetic, optical, manual or otherwise, without the prior written permission of the manufacturer.

Precautions

General precautions

- Do not use or store the product in dusty, dirty, or sandy areas, as its components may be damaged.
- Do not store the product in a hot environment. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics.
- Do not store the product in cold areas. When the product warms up to its normal temperature, moisture can form inside; this may damage the electronic circuits.
- Do not attempt to open the casing or attempt your own repairs. High-voltage internal components create the risk of electric shock when exposed.
- Do not drop or knock the product. Rough handling may damage the internal components.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the product. Wipe the product with a slightly damp soft cloth.
- Do not open the battery cover while an image is being recorded. Doing so will not only make storage of the current image impossible, it can also corrupt other image data already stored in file.
- If the product or any of its accessories are not working properly, take them to your nearest qualified service center. The personnel there will assist you and if necessary, arrange for the product to be repaired.
- Test for proper operation before using the camera.

Notes on the LCD Screen

Caution must be observed when dealing with the fluid contained in the LCD. Ensure that fluid does not leak if the screen becomes cracked or damaged. If this occurs, follow these steps:

- If the fluid makes contact with skin, wipe it with a clean cloth then rinse with a large amount of water.
- If the fluid makes contact with eyes, wash eyes with clean water for at least 15 minutes and seek immediate medical attention.
- If the fluid is swallowed, first rinse mouth with water, then drink a large amount of water and induce vomiting. Seek immediately medical attention.

Operation conditions

- This camera is designed for use in temperatures ranging from 0°C to 40°C (32°F to 104°F).
- Do not use or keep the camera in the following areas:
 - In areas subject to direct sunlight
 - In areas subject to high humidity or dust
 - Near air conditioners, heaters, or other areas subject to temperature extremes
 - Inside of a closed vehicle, especially one parked in the sun.
 - In areas subject to strong vibration

Power supply

- Use only the type of battery that came with your camera. Using any other type of battery may damage the equipment and invalidate the warranty.
- Be sure that the battery is inserted correctly. Inserting the battery incorrectly can cause damage to the product and possibly start a fire.

- Remove the battery to avoid the fluid leakage if the camera is not going to be used for a long time.
- If the battery is crushed or damaged, remove it immediately to avoid the battery fluid leakage and abnormal expansion.

Before You Start

Take some test shots before performing a formal recording.

Before using this camcorder/camera in any important occasion (such as a wedding ceremony or an overseas trip), do test the DV camera beforehand to ensure that it functions properly. Any additional loss caused by the malfunction of this product (such as costs of photography or any loss of benefit generated by the photography) is not the responsibility of the manufacturer and no compensation will be given for it.

Copyright information

Take care to observe "No Photography" notices in certain locations. In these cases, you cannot record any live performance, improvisation or exhibits, even for personal purposes. Any transfer of pictures or memory card data must be conducted under the constraints of copyright law.

1 Introduction

Read this section to learn about the features and functions of the camcorder. This chapter also covers system requirements, package contents, and descriptions of the hardware components.

1.1 System requirements

The camcorder requires a PC with the following specifications:

- Windows® 7 / Vista / XP operating system
- Intel® / AMD Dual-Core CPU or higher
- At least 1 GB of RAM or higher
- At least DirectX 9 video card, DirectX 10 is recommended
- Standard USB 1.1 port or higher
- At least 2GB or greater available hard disk

1.2 Features

The camcorder offers a variety of features and functions including:

- Full HD 1080p (30fps.)
- Digital camera - (max. 16 Megapixels)
- 3" TFT LCD Touch Display (16:9)
- 4x digital zoom (except 1080p and QVGA)
- Li-ion Battery NP120

1.3 Unpacking the camcorder

The following items should be present in the package. If any item is missing or appears damaged, contact your dealer immediately.



Camcorder



User's Manual



CD Rom



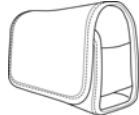
Li-ion Battery



Charger



Power Cable



Pouch



USB AV Cable



DC-in Plug
(Optional)

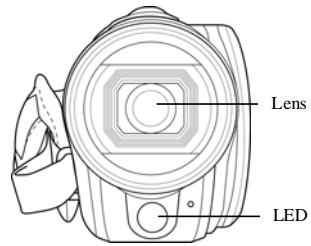


HDMI Cable

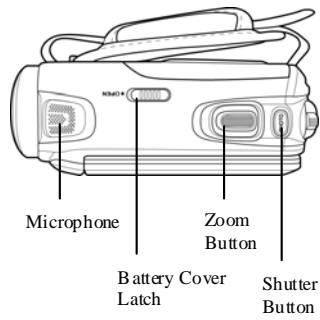
1.4 About the camcorder

Refer to the following illustrations to familiarize yourself with the buttons and controls of this camcorder.

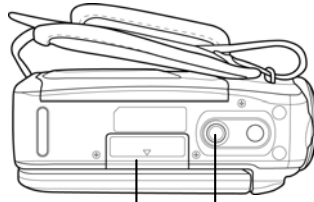
1.4.1 Front view



1.4.2 Top view



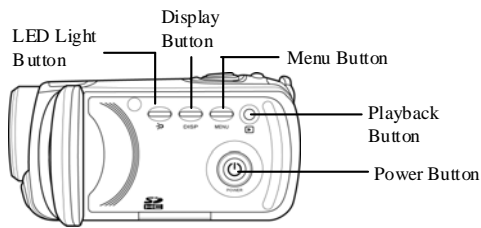
1.4.3 Bottom view



Memory Card
Compartment

Tripod
Socket

1.4.4 Right view



LED Light
Button

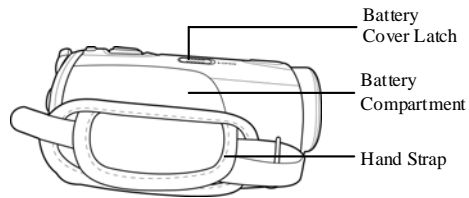
Display
Button

Menu Button

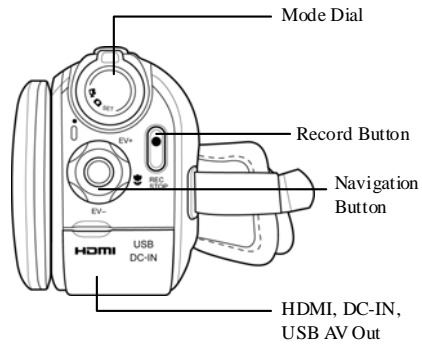
Playback
Button

Power Button

1.4.5 Left view

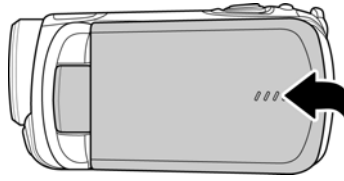


1.4.6 Back view

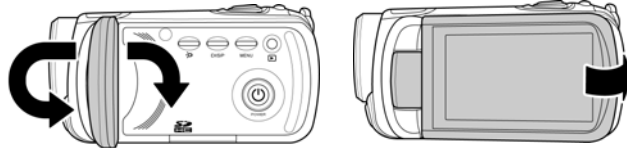


1.4.7 Operating the camcorder






To turn on the power, press the **Power** button for one second or open the LCD panel 90°.



Rotate the LCD panel can be rotated in both directions so you can view pictures and movies.



See the table below for a description of each button's function.

| Name | Button | Function |
|-------------------|---|--|
| Power Button |  | Press and hold to turn the camcorder on or off. |
| Shutter Button |  | Press to take a picture. |
| Zoom Button |  | Slide to the right/left to zoom in / zoom out when shooting videos or photos. |
| Navigation Button |  | <ul style="list-style-type: none"> ● In Video and Camera mode: <ol style="list-style-type: none"> 1. Press up/ down to adjust the exposure settings. 2. Press the Navigation button to enable AF Lock. The AF Lock icon AF appears on the screen. 3. Press left to adjust the white balance settings. 4. Press right to enable the macro function. A  icon appears on the LCD screen when |


enabled.






● In **Camera Playback** mode:

1. Press right and left to view the stored images.
2. When the image is zoomed in, direction keys appear on the LCD screen. You may press the Navigation button to move the image.(up/ down ↔ left/right).
3. Press the Navigation button up to enter the Thumbnail mode.
4. In the **Thumbnail** mode, press up, down, left, right to select the thumbnail images, and then press the middle Navigation button to view the image in full screen mode.

● In **Video Playback** mode:

1. Press right and left to view the stored video clips and press the middle Navigation

| | | |
|---------------|---|--|
| | | <p>button to play/ stop the video clips.</p> <ol style="list-style-type: none"> 2. In Playing mode, press right to fast-forward a video clip and move left to rewind a video clip. 3. Press the Navigation button up to enter the Thumbnail mode. 4. In the Thumbnail mode, press up, down, left, right to select a desired video clip, and then press the middle Navigation button to show the video clip. <ul style="list-style-type: none"> ● In SET mode, press left and right to highlight menu items and press the middle Navigation button to confirm. |
| Record Button |  | <ul style="list-style-type: none"> ● Press to start recording a video. ● Press it again to stop recording. |

| | | |
|------------------|---|--|
| Mode Dial |  | Use to switch to Video , Camera , or SET mode. |
| Menu Button |  | Press to display the menu for the current mode. |
| Display Button |  | Press once to turn off all OSD icons and press again to display all OSD icons. |
| LED Light Button |  | In Video and Camera modes, press to turn on/off the LED light. |
| Playback Button |  | In Video and Camera modes, press to enter the playback mode. |

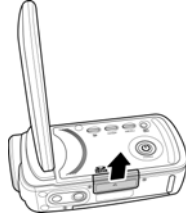
2 Getting started

Read this section to learn how to start using the camcorder. This section covers basic functions such as switching on, inserting the battery and memory cards, and configuring preliminary settings. See later chapters for advanced functions.

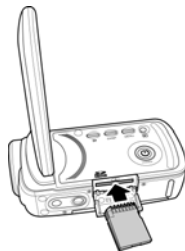
2.1 Inserting an SD card

An SD card can be installed in the camcorder to provide additional storage space for still images, video clips, or other files.

1. Open the LCD screen cover and open the memory card compartment cover.



2. Insert the memory card. We recommend using a memory card with a capacity of 1 GB or higher.



3. Close the SD card cover.



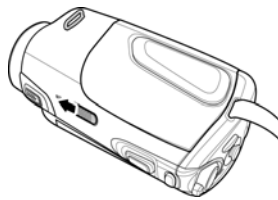
2.2 Inserting the battery

This camcorder is designed to use a rechargeable Li-ion battery. Only use the batteries supplied or similar batteries recommended by the manufacturer or your dealer.

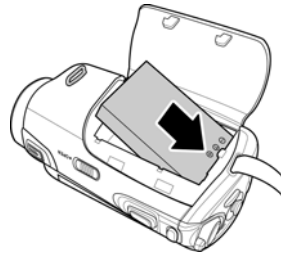
Note:

Install the battery exactly as described here. Installing the battery incorrectly could cause damage to the camcorder and possibly start a fire.

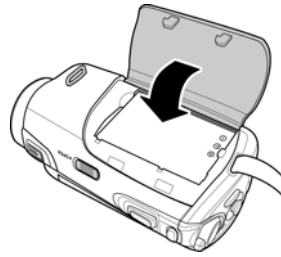
1. Push the battery cover latch to open the battery cover as shown in the illustration.



2. Insert the battery. Make sure that the + and - symbols on the battery line up with the + and - symbols on your camcorder.



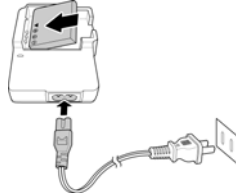
3. Close the battery cover.



2.3 Charging the battery

You can charge the battery with the charging unit provided. Follow the below steps to charge your battery.

1. Insert the Li-ion battery into the charging bay. Connect one end of the power cord to the charging unit and then plug the other end to the wall outlet as shown.
2. The orange LED will light up for proper charging.
3. After full charge, the LED turns to green.
4. Actual charging time depends on current battery capacity and charging conditions.



Approximate charging time is 180 minutes with a charger and 240 minutes with an USB connection.

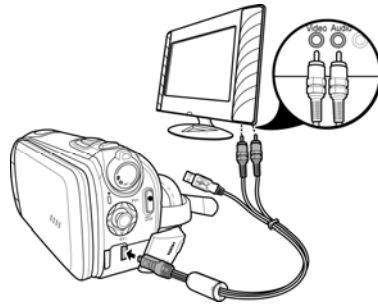
2.4 Turning on/ off the camcorder

Press and hold the power button to turn the camcorder on/off.

Note:
Closing and opening the LCD screen can power on/off the camera.

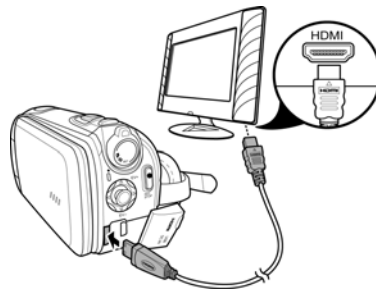
2.5 Connecting to TV (AV Cable)

To view pictures or videos on a TV, connect the camcorder to a TV using the supplied AV cable as shown.



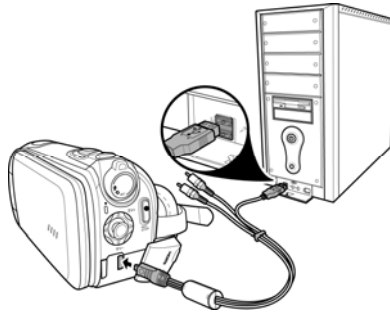
2.6 Connecting to TV (HDMI Cable)

You can also connect the camcorder to a TV using the HDMI cable .



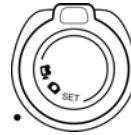
2.7 Connecting to PC (USB Cable)

Connect the camcorder to a computer with the USB cable provided as shown.



2.8 Changing modes

The camcorder can operate in three modes: **Video**, **Camera**, and **SET**. Move the mode dial to toggle to different modes.





2.9 Before you start

Before you start using the camcorder, some basic settings such as date and time, languages and beep function need to be configured.

2.9.1 Setting the Date and Time


To adjust the Date / Time, please do the following:

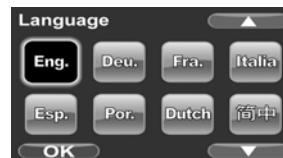
1. Turn on the camcorder, and move the mode dial to **SET**.
2. Use the **left/right Navigation Button** to highlight **Date / Time** and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
3. Use the **left/right Navigation Button** or tap the screen to select the field to be adjusted.
4. Use the **up/down Navigation Button** or tap  to adjust the value.
5. Press the **middle Navigation Button** or tap  to confirm.



2.9.2 Setting the Language

To select the language, please do the following:

1. Turn on the camcorder, and move the mode dial to **SET**.
2. Use the **left/right Navigation Button** to highlight **Language** and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
3. Use the **left/right Navigation Button** or tap the screen to select the desired language.
4. Press the **middle Navigation Button** or tap  to confirm.



2.9.3 Setting the Beep

To adjust the Beep, please do the following:

1. Turn on the camcorder, and move the mode dial to **SET**.
2. Use the **left/right Navigation Button** to highlight **Beep** and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
3. Use the **left/right Navigation Button** or tap the screen to select:
 - Off: Turn the operation sound off.
 - On: Turn the operation sound on.
4. Press the **middle Navigation Button** or tap **OK** to confirm.



3 Using the Camcorder

3.1 Recording Videos

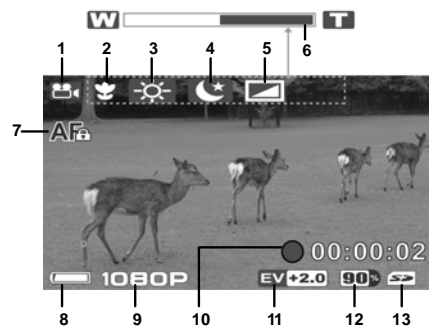
To record a movie, do the following:














1. Flip open the LCD to turn on the camcorder and move the mode dial to **Video** mode.
2. Press the **Record Button** to start recording the video.

To adjust the video, you may:

- Use the **Zoom Button** to zoom in and out.
 - Press the **LED Light Button** to activate or disable the LED light.
 - Press the **left Navigation Button** to quickly change the White Balance.
3. To stop movie recording, press the **Record Button** again.

The Video Recording Screen




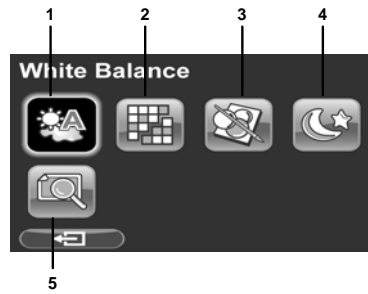
| # | Icon | Description |
|----|---|---|
| 1 |  | Indicates that the camcorder is in Video mode. |
| 2 |  | Indicates that the Macro is on. |
| 3 |  | Indicates the current White Balance mode. |
| 4 |  | Indicates that the Night mode is on. |
| 5 |  | Indicates the current Effect mode being used. |
| 6 |  | Indicates the amount of zoom being used. |
| 7 |  | Indicates that the Auto Focus (AF) Lock is on. |
| 8 |  | Indicates the amount of battery power left. |
| 9 |  | Indicates the current resolution. |
| 10 |  | Indicates the recording time. |
| 11 |  | Indicates the current exposure value. |
| 12 |  | Indicates the remaining space for your memory card/internal memory. |
| 13 |  | Indicates the memory card is inserted / no memory card inserted, files are stored in internal memory. |

3.2 Video Menu

To select a menu in the **Video** mode, please do the following:

Make sure you are in the **Video** mode. Move the mode dial to switch to the **Video** mode if not.

1. Press the **Menu Button** to open the Video mode menu screen.
2. Use the **Navigation Button** to select the desired menu and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu. Please see below for the available options.
3. Press the **Menu Button** or tap  to exit the menu.



The following options are available in the video mode menu:

- | | |
|------------------|---------------|
| 1. White Balance | 4. Night Mode |
| 2. Resolution | 5. Quality |
| 3. Effect | |

Note:

The Quality menu is only appeared on the menu screen if you have inserted a memory card into the device.

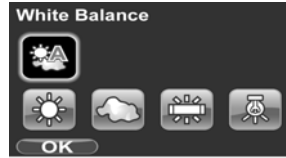
Please read the following section to learn how to operate each menu.

3.2.1 White Balance

The White Balance menu allows you to set the white balance when capturing images under specific lighting conditions.

To set the White Balance, please do the following:

1. Use the **left/right Navigation Button** or tap the screen to select the desired option:



- Auto: Select this option to let the camcorder set the white balance automatically.
- Sunny: Select this option for daylight filming.
- Cloudy: Select this option for filming in cloudy days.
- Fluorescent: Select this option for fluorescent lighting.
- Tungsten: Select this option for normal indoor lighting conditions.

2. Press the **middle Navigation Button** or tap **OK** to confirm.

3.2.2 Resolution

The Resolution menu allows you to set the resolution before you capture an image or a video. The higher the resolution, the more memory space is required.

To select the resolution, please do the following:

1. Press the **left/right Navigation Button** or tap the screen to select **1080P**, **720P/60FPS**, **720P/30FPS**, **WVGA**, **QVGA** resolution.



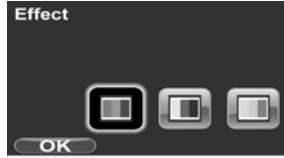
2. Press the **middle Navigation Button** or tap **OK** to confirm.

3.2.3 Effect

The Effect menu allows you to change the recording effect.

To set the Effect, please do the following:

1. Use the **left/right Navigation Button** or tap the screen to select the desired option:
 - Natural: Select it for color photography.
 - Black and white: Select it for black and white effect.
 - Sepia: Select it for brown color effect.
2. Press the **middle Navigation Button** or tap **OK** to confirm.



3.2.4 Night Mode

For better results shooting at night, the Night mode menu allows you to turn the Night mode on or off.

To set the Night mode, please do the following:

1. Use the **left/right Navigation Button** or tap the screen to select **Off** or **On**.
2. Press the **middle Navigation Button** or tap **OK** to confirm.



3.2.5 Quality

The Quality menu allows you to set video qualities. A file in better quality requires more storage space than a file in the normal quality. To set the Quality, please do the following:

1. Use the **left/right Navigation Button** or tap the screen to select the desired option:
 - High: Select this option for high quality.
 - Normal: Select this option for normal quality.
2. Press the **middle Navigation Button** or tap **OK** to confirm.



3.3 Using the AF Lock






The **Auto Focus (AF) Lock** function is used to lock focus on a desired image.

1. Press the Navigation button to enable AF Lock. The AF Lock icon **AF** appears on the screen.
2. Aim the device on your desired subject.
3. Press the **Record Button** to record videos.

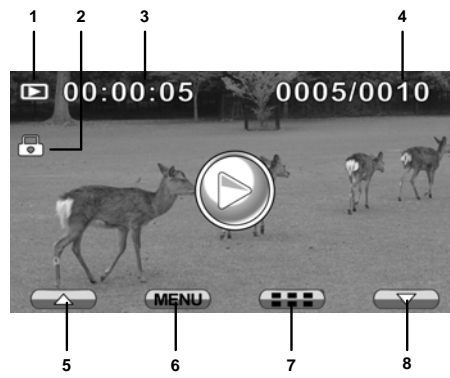
3.4 Playback Videos




3.4.1 Playing Back Videos




To playback videos, please do the following:

1. Make sure you are in the **Video** mode. Move the mode dial to switch to the **Video** mode if not.
2. Press the **Playback Button** to enter the Video playback screen.
3. Press the **left/right Navigation Button** or tap  to browse the recorded videos.
4. Press the **middle Navigation Button** or tap  to playback the video.
 - To fast forward, press the **right Navigation Button** or tap .
 - To rewind, press the **left Navigation Button** or tap .
 - To stop playback, press the **middle Navigation Button** or tap .
 - To adjust the volume, press the **up/down Navigation Button**.

The Video Playback Screen





| # | Icon | Description |
|---|---|---|
| 1 |  | Indicates that the camcorder is in Playback mode. |
| 2 |  | Indicates that the file is protected. |
| 3 | 00:00:05 | Indicates the recording time. |
| 4 | 0005/0010 | Indicates the current video/ total videos. |
| 5 |  | Tap to view the previous video. |

| # | Icon | Description |
|---|---|--|
| 6 |  | Tap to display the video playback menu. |
| 7 |  | Tap to view the recorded videos as thumbnails. |
| 8 |  | Press to view the next video. |

3.5 Video Playback Menu

To select a menu in the Video playback mode, please do the following:

1. Make sure you are in the video playback mode. When in **Video mode**, press the **Playback Button** to switch to the video playback mode.
2. Press the **Menu Button** or tap  to open the Video playback mode menu screen.
3. Use the **Navigation Button** to select the desired menu and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
4. Press the **Menu Button** or tap  to exit the menu.



The following options are available in the video playback mode menu:



1. Delete One
2. Delete All
3. Protect
4. Autoplay

Please read the following section to learn how to operate each menu.

3.5.1 Delete One

The Delete One menu allows you to delete files individually.

To delete a file, please do the following:



1. Use the **left/right Navigation Button** to select **Delete One** and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
2. Use the **left/right Navigation Button** or tap  to select the desired file.
3. Press the **middle Navigation Button** or tap  to delete.

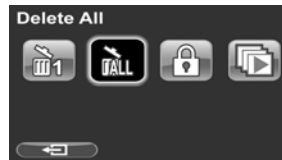


3.5.2 Delete All

The Delete All menu allows you to delete all the recorded files.

To delete all files, please do the following:



1. Use the **left/right Navigation Button** to select **Delete All** and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
2. Use the **left/right Navigation Button** or tap the screen to select **X** or .
3. Press the **middle Navigation Button** or tap  to confirm.

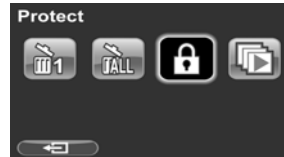


3.5.3 Protect

The Protect menu allows you to protect files from being deleted.

To protect a file, please do the following:


1. Use the **left/right Navigation Button** to select **Protect** and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
2. Use the **left/right Navigation Button** or tap  to select the desired file.
3. Press the **middle Navigation Button** or tap  to protect.



3.5.4 Auto-play

The Auto-play menu allows you to playback the recorded files automatically.

To start Auto-play, please do the following:

1. Use the **left/right Navigation Button** to select **Auto-play** and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
2. It begins the video playback. If you want to stop the Auto-play, press the **middle Navigation Button** or tap .



3.6 Shooting Photos

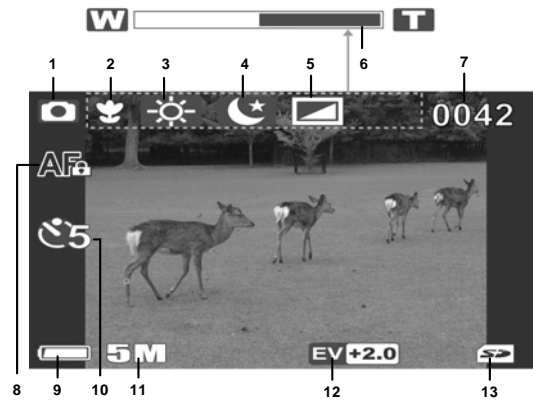
To shoot a photo, do the following:












1. Flip open the LCD to turn on the camcorder.
2. Move the mode dial to switch to **Camera** mode.
3. Press the **Shutter Button** to capture a photo.

To adjust the camera, you may:

- Use the **Zoom Button** to zoom in and out.
- Press the **LED Light Button** to activate or disable the LED light.
- Press the **left Navigation Button** to quickly change the White Balance.


The Camera Screen

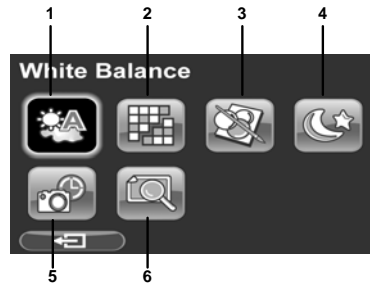


| # | Icon | Description |
|----|---|---|
| 1 |  | Indicates that the camcorder is in Camera mode. |
| 2 |  | Indicates that the Macro is on. |
| 3 |  | Indicates the current White Balance mode. |
| 4 |  | Indicates that the Night mode is on. |
| 5 |  | Indicates the current Effect mode being used. |
| 6 |  | Indicates the amount of zoom being used. |
| 7 | 0042 | Indicates the remaining number of photos. |
| 8 | AF  | Indicates that the Auto Focus (AF) Lock is on. |
| 9 |  | Indicates the amount of battery power left. |
| 10 |  | Indicates the selftimer is on. |
| 11 | 5M | Indicates the current resolution. |
| 12 | EV+2.0 | Indicates the current exposure value. |
| 13 |   | Indicates the memory card is inserted / no memory card inserted, files are stored in internal memory. |

3.7 Camera Mode Menu

To select a menu in the Camera mode, please do the following:

1. Make sure you are in the **Camera** mode. Move the mode dial to switch to the **Camera** mode if not.
2. Press the **Menu Button** to open the Camera mode menu screen.
3. Use the **Navigation Button** to select the desired menu and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
4. Press the **Menu Button** or tap  to exit the menu.



The following options are available in the camera mode menu:

- | | |
|------------------|---------------|
| 1. White Balance | 4. Night Mode |
| 2. Resolution | 5. Self-timer |
| 3. Effect | 6. Quality |

Note:

The Quality menu is only appeared on the menu screen if you have inserted a memory card into the device.

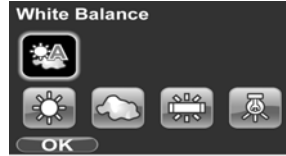
Please read the following section to learn how to operate each menu.

3.7.1 White Balance

The White Balance menu allows you to adjust the white balance when capturing images under specific lighting conditions.

To set the White Balance, please do the following:

1. Use the **left/right Navigation Button** or tap the screen to select the desired option:



- Auto: Select this option to let the camcorder set the white balance automatically.
- Sunny: Select this option for daylight filming.
- Cloudy: Select this option for filming in cloudy days.
- Fluorescent: Select this option for fluorescent lighting.
- Tungsten: Select this option for normal indoor lighting conditions.

2. Press the **middle Navigation Button** or tap **OK** to confirm.

3.7.2 Resolution

The Resolution menu allows you to set the resolution before you capture an image or a video. The higher the resolution, the more memory space is required. To select the resolution, please do the following:

1. Use the **left/right Navigation Button** or tap the screen to select the desired option:
 - 3M: Select this option for 2048 x 1536 resolution.
 - 5M: Select this option for 2592 x 1944 resolution.
 - 16M: Select this option for maximum resolution.
2. Press the **middle Navigation Button** or tap **OK** to confirm.



3.7.3 Effect

The Effect menu allows you to change the camera effect.

To set the Effect, please do the following:

1. Use the **left/right Navigation Button** or tap the screen to select the desired option:
 - Color: Select this option for color photography.
 - Black and white: Select this option for black and white effect.



- Sepia: Select this option for brown color effect.
2. Press the **middle Navigation Button** or tap **OK** to confirm.

3.7.4 Night Mode

For better results shooting at night, the Night mode menu allows you to turn the Night mode on or off.

To set the Night mode, please do the following:

1. Use the **left/right Navigation Button** or tap the screen to select **Off** or **On**.
2. Press the **middle Navigation Button** or tap **OK** to confirm.

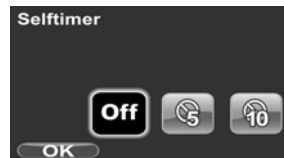


3.7.5 Self-timer

The Self-timer menu allows you to set the self-timer when shooting a photo. The Self-timer lets you to take photos after a pre-defined delay.

To set the Self-timer, please do the following:

1. Use the **left/right Navigation Button** or tap the screen to select:
 - Off: Select this option to disable self-timer.
 - 5 sec: Select this option for 5-second delay.



- 10 sec: Select this option for 10-second delay.
2. Press the **middle Navigation Button** or tap **OK** to confirm.

3.7.6 Quality

The Quality menu allows you to set photo qualities. A file in better quality requires more storage space than a file in the normal quality.

To set the Quality, please do the following:

1. Use the **left/right Navigation Button** or tap the screen to select:
 - High: Select this option for high quality.
 - Normal: Select this option for normal quality.
2. Press the **middle Navigation Button** or tap **OK** to confirm.



3.8 Using the AF Lock



The **Auto Focus (AF) Lock** function is used to lock focus on a desired image.

1. Press the Navigation button to enable AF Lock. The AF Lock icon **AF** appears on the screen.
2. Aim the device on your desired subject.
3. Press the **Shutter Button** to capture an image.

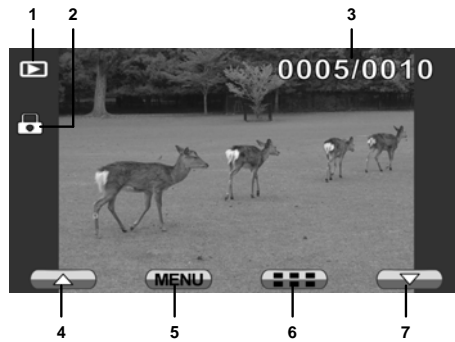
3.9 Playback Photos



3.9.1 Playing Back Photos






To playback photos, please do the following:

1. Make sure you are in the **Camera** mode. Move the mode dial to switch to the **Camera** mode if not.
2. Press the **Playback Button** to enter the Photo playback screen.
3. Press the **left/right Navigation Button** or tap / to browse the recorded photos.

The Photo Playback Screen





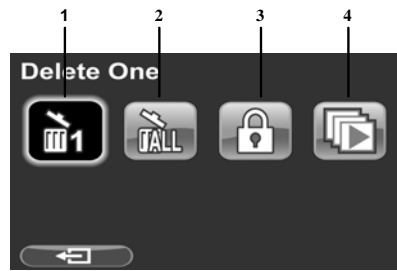
| # | Icon | Description |
|---|---|---|
| 1 |  | Indicates that the camcorder is in Playback mode. |
| 2 |  | Indicates that the file is protected. |

| # | Icon | Description |
|---|---|--|
| 3 |  | Indicates the current photo/total photos. |
| 4 |  | Tap to view the previous photo. |
| 5 |  | Tap to display the photo playback menu. |
| 6 |  | Tap to view the recorded photos as thumbnails. |
| 7 |  | Press to view the next photo. |

3.10 Photo Playback Menu

To select a menu in the Photo playback mode, please do the following:

1. Make sure you are in the Photo playback mode. When in Camera mode, press the **Playback Button** to switch to the Photo playback mode.
2. Press the **Menu Button** or tap  to open the Photo playback mode menu screen.
3. Use the **Navigation Button** to select the desired menu and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu. Please see below for the available options.
4. Press the **Menu Button** or tap  to exit the menu.



The following options are available in the photo playback mode menu:



- | | |
|---------------|-------------|
| 1. Delete One | 3. Protect |
| 2. Delete All | 4. Autoplay |

Read the following section to learn how to operate each menu.

3.10.1 Delete One

The Delete One menu allows you to delete files individually.

To delete a file, please do the following:

1. Use the **left/right Navigation Button** to select **Delete One** and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
2. Use the **left/right Navigation Button** or tap  to select the desired file.
3. Press the **middle Navigation Button** or tap  to delete.

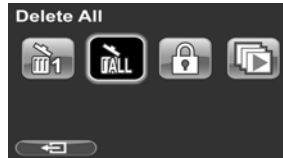


3.10.2 Delete All

The Delete All menu allows you to delete all the recorded files.

To delete all files, please do the following:




1. Use the **left/right Navigation Button** to select **Delete All** and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
2. Use the **left/right Navigation Button** or tap the screen to select **X** or .
3. Press the **middle Navigation Button** or tap **OK** to confirm.

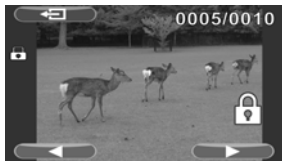


3.10.3 Protect

The Protect menu allows you to protect files from being deleted.

To protect a file, please do the following:

1. Use the **left/right Navigation Button** to select **Protect** and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
2. Use the **left/right Navigation Button** or tap /
 to select the desired file.
3. Press the **middle Navigation Button** or tap  to protect.

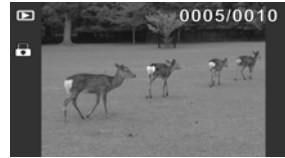


3.10.4 Auto-play

The Auto-play menu allows you to playback the recorded files automatically.

To start Auto-play, please do the following:

1. Use the **left/right Navigation Button** to select **Auto-play** and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
2. It begins the photo playback. If you want to stop the Auto-play, press the **middle Navigation Button**.

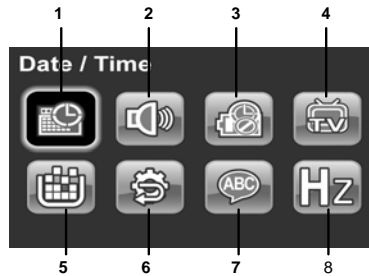


3.11 System Menu

The system menu is used to configure miscellaneous camcorder function.

1. Move the mode dial to **SET**.
2. Use the **Navigation Button** to select the desired menu and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu. Please see below for the available options.

The following options are available in the Set mode:



1. Date / Time
2. Beep
3. Auto Power Off
4. TV standard
5. Format
6. Default
7. Language
8. Frequency

Please read the following section to learn how to operate each menu.

3.11.1 Date / Time

See section 2.9.1 “Setting the Date and Time” on page 17.

3.11.2 Beep

See section 2.9.3 “Setting the Beep” on page 18.

3.11.3 Auto Power Off

The Auto Power Off menu allows you to set an idle time after which the camcorder automatically sets to sleep mode to save power.

To adjust the Auto Power Off, please do the following:

1. Use the **left/right Navigation Button** to highlight **Auto Power Off** and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
2. Use the **left/right Navigation Button** or tap the screen to select:
 - Off: Disable the Auto Power Off function.
 - 1 min.: Auto Power Off after 1 minute.
 - 5 min.: Auto Power Off after 5 minutes.
3. Press the **middle Navigation Button** or tap **OK** to confirm.

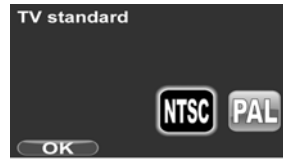


3.11.4 TV Standard

The TV Standard menu allows you to select the TV standard of the recorded videos.

To adjust the TV Standard, please do the following:

1. Use the **left/right Navigation Button** to highlight **TV standard** and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
2. Use the **left/right Navigation Button** or tap the screen to select **NTSC** or **PAL**.
3. Press the **middle Navigation Button** or tap **OK** to confirm.

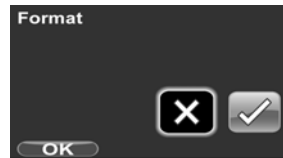


3.11.5 Format

The Format menu allows you to format your memory card or the internal memory when no memory card is inserted.

To format your memory card or internal memory, please do the following:

1. Use the **left/right Navigation Button** to highlight **Format** and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
2. Use the **left/right Navigation Button** or tap the screen to select **X** or **✓**.



3. Press the **middle Navigation Button** or tap **OK** to confirm.

Warning: Formatting will delete everything on the media.

3.11.6 Default

The Default menu allows you to reset the camcorder to factory defaults.

To reset, please do the following:

1. Use the **left/right Navigation Button** to highlight **Default** and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
2. Use the **left/right Navigation Button** or tap the screen to select **X** or **✓**.
3. Press the **middle Navigation Button** or tap **OK** to confirm.



3.11.7 Language

See section 2.9.2 "Setting the Language" on page 17.

3.11.8 Frequency

The Frequency menu allows you to set the refresh rate of the camcorder. Increasing the refresh rate decreases flickering, thereby reducing eyestrain.

To set the refresh rate, please do the following:

1. Use the **left/right Navigation Button** to highlight **Frequency** and press the **middle Navigation Button** to open the menu. You can also tap the screen to open the selected menu.
2. Use the **left/right Navigation Button** or tap the screen to select **60Hz** or **50Hz**.
3. Press the **middle Navigation Button** or tap **OK** to confirm.



Specifications

| General | |
|----------------|--|
| Imaging sensor | 1/3.2" CMOS 5.0 Megapixel Sensor |
| Active pixels | 5.0 Megapixel |
| Storage media | Internal: Built-in 128MB Flash Memory SD Card: (Up to SDHC 32GB Class6) |
| Color effects | Natural/B&W/Sepia |
| Lens | 5X Optical zoom lens |
| Focus range | Wide: 45cm ~ infinity Tele: 20cm ~ infinity Macro: 5cm ~ 100 cm |
| Still image | Formats: JPEG (EXIF 2.2), DCF, Resolution: 3M, 5M, 16M (Firmware Interpolation) |
| Movie clips | H.264 (AVI) Resolution: 1080P/30fps, 720P/60fps, 720P/30fps, WVGA, QVGA |

| General | |
|-----------------|---|
| Zoom | Movie: 5X Optical Zoom, 4X Digital Zoom (except 1080p and QVGA) Camera: 5X Optical Zoom, 4X Digital Zoom |
| TFT monitor | 3.0" TFT (960 x 240 pixels) (16:9) |
| LED light | Effective range: < 1M Mode: On/Off |
| White balance | Auto/Sunny/Cloudy/Tungsten/Fluorescent |
| EV compensation | -2.0 EV~+2.0 EV |
| Self-timer | Off, 5, 10 seconds |
| PC interface | USB 2.0 (high speed) |
| AV out format | NTSC/PAL/HDMI |
| Shutter | Electronic shutter Video: 1/15 - 1/2000 sec. Still: 2 sec. ~ 1/4000 sec. |
| Auto power off | Off, 1 min., 5 min. |
| Power supply | Li-ion Battery NP120 |
| Dimensions | 119.6 (W) x 61.5 (H) x 46.6 (D) mm |
| Weight | Approx. 222 + - 5g (without battery) |

Troubleshooting

| Problem | Possible Cause | Solution |
|--|---|--|
| Cannot turn on the camcorder. | The battery is not inserted correctly. The battery has no power. | ① Insert the battery correctly. ① Charge the battery. |
| The camcorder suddenly turns off. | The auto power off function is enabled. The camcorder is running out of battery power. | ① Turn the power on again. ① Replace the battery. |
| The captured image is not stored in memory. | Before the image is saved the power has been cut off. | ① When the battery indicator turns red, replace the battery immediately. |
| The camcorder turns off when capturing image using the self-timer. | The camera is running out of battery power. | ① Replace the battery. |
| The image is out of focus. | The subject is beyond focus range. | ① Please take a picture within the available focus range. |

| Problem | Possible Cause | Solution |
|---------------------------------------|--|--|
| A black screen appears on the screen. | The EV setting may be set too high. | ① Adjust the EV setting on the camcorder. |
| Memory card cannot be used. | The memory card is protected. The memory card contains non-DCF images taken by other camcorders. | ① Unlock the memory card. ① Format the memory card. Before formatting the card, ensure you back up the files. |
| All buttons are inactive. | Short circuit occurred when connecting the camera with other devices. | ① Remove the battery from the camera and insert it again. |



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Website:

Please visit our website at www.dxgusa.com for any product updates or special announcements.

You can also check out our online support desk where you can register your product, send emails to our technical support, and find a list of frequently asked questions (FAQs).

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