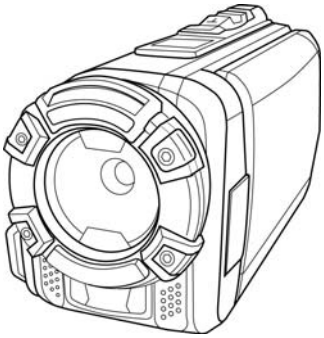
DXG Sportster

DXG-5B1V 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 from 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 the 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.
- Ensure 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.

Waterproof

Waterproof performance

- The camera's waterproof performance is equivalent to IPX8 standard.
- Do not use the camera underwater for more than 60 minutes.
- The camera is not dust-proof.
- The supplied accessories are not waterproof.

Notes before going underwater

Check the following before going underwater:

- Check if the area surrounding the battery/HDMI/USB port is clean, do not allow dirt or sand or foreign objects around it.
- Ensure that the battery/HDMI/USB compartment cover has no cracks or scratches.
- Ensure that the battery/HDMI/USB compartment cover is closed.
- Ensure that the camera has no cracks, if the camera has been dropped; it is recommended to return it to your dealer.

Notes for general use:

(If the USB cable is directly connected to a computer or if the AV cable or HDMI cable is connected to a TV, be careful in plugging it, do not allow it to touch the battery/HDMI/USB compartment cover to avoid waterproof loss.)

- Avoid opening or closing the battery, HDMI/USB compartment cover near water (sea, lake, beach, lake, etc.). Do not open or close the cover with wet hands, or hands with sand or dust.
- If taking pictures near a body of water, make sure you not to spray water on the lens. If this happens, wipe off water drops using a non-fiber clean cloth or a soft absorbent cotton cloth as soon as possible so as not to leave water marks.
- The accessories (batteries, etc.) used with the camera are not water resistant, be careful in using them.
- Do not drop the camera.
- Do not place the camera in temperatures above 40°C or below 0°C.
- Do not attempt seal the vents yourself, doing so may damage the camera's waterproof ability.

When using the camera

- The waterproof properties of the camera apply to fresh water and saltwater only; they do not apply to cleaning substances, chemicals, or water from spas, etc. Any such liquids should be wiped off immediately.
- Do not immerse in water at a depth greater than 3.0 m (10 ft).
- Do not subject the camera to highly pressurized water.
- Do not immerse in water for longer than 60 minutes. After 60 minutes of use in water, allow the camera to dry for at least 10 minutes.

- Do not immerse in water warmer than 40°C (104°F).
- Do not open or close the battery/HDMI/USB compartment cover when the camera is wet or underwater.
- Do not open or close the battery/ HDMI/USB compartment cover with wet hands.
- Do not open the battery/ HDMI/USB compartment cover next to water or a pool.
- The camera is not dust-proof.
- Do not bump or knock the camera underwater, otherwise the battery/ HDMI/USB compartment cover may open.

After using the camera

- Be sure to come ashore within 60 minutes after going underwater, this will maintain the appearance, quality and water resistance of the camera.
- After taking pictures underwater, clean the camera in a bucket of water without salt. Ensure that the battery/HDMI/USB compartment cover is closed; then soak the camera in the bucket of water for about 10 minutes. After 10 minutes, wipe the camera and the lens dry with absorbent cotton. Place the camera in a well ventilated cool place to dry naturally (do not place under direct sunlight or exposed areas). Be sure to wait until the camera is completely dry before opening the battery/HDMI/USB compartment cover (open the compartment cover while holding an absorbent cotton to dry off water or clean other impurities around the cover).
- Wipe off water drops on the camera and the lens with a soft lint-free cloth (to avoid fiber) and place it in a well-ventilated place to dry. The cover at the battery/HDMI/USB can be opened only after dry to prevent water from entering the camera when opening.
- Before you open the cover at the battery/HDMI/USB, always wipe off water drops inside the cover. Note that it should face down when opening.

Notes on maintenance

- Be sure to wipe any dirt or sand off the camcorder. Dirt or sand may scratch the material or the surface, making the camera less resistant to water.
- Do not use any soapy water, mild detergents, alcohol or similar liquids to clean the camera. They may make the camera less resistant to water.
- The waterproof sealing material is replaceable at and additional cost. The material should be replaced once a year to maintain the camera's water resistance. Please call us for details.

Other Notes

- If water accidentally enters the camera or any problem occurs when it is in water, please get out of water immediately and take proper actions. Dry the camera and send it for repair.
- Information is subject to change without notice. Refer to the important notes in the manual supplied with the camera.

Before You Start

Take some test shots before performing a formal recording.

Before taking pictures with this DV 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 Introducing the camcorder

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:

- HD Digital camcorder
- Digital camera – (max. 16 Megapixels)
- USB mass storage
- 4x digital zoom (except 1080p and and QVGA)
- Waterproof up to 3m (IPX8)

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

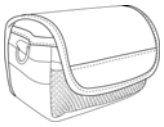
User's Manual

CD Rom

Li-ion Battery

Charger

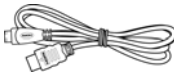
Power Cable



Pouch

USB AV Cable

DC-in Plug
(Optional)

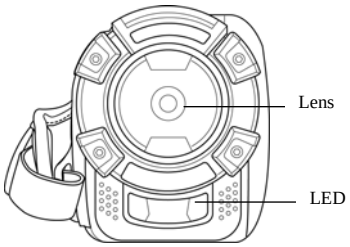


HDMI Cable

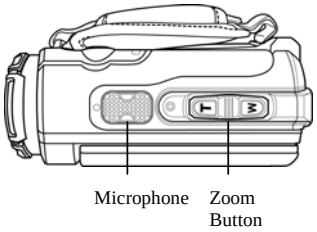
1.4 About the camcorder

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

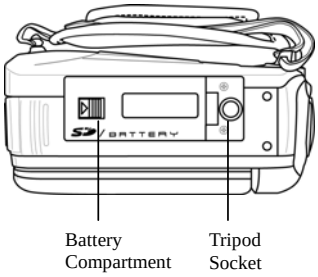
1.4.1 Front view



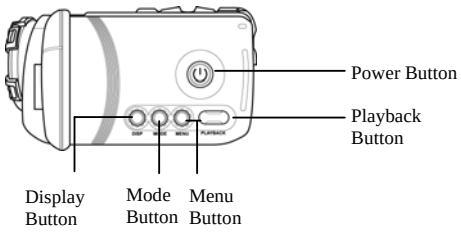
1.4.2 Top view



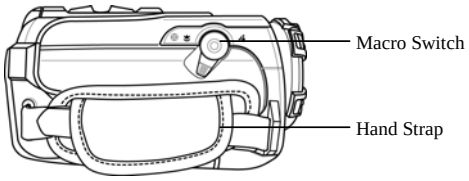
1.4.3 Bottom view



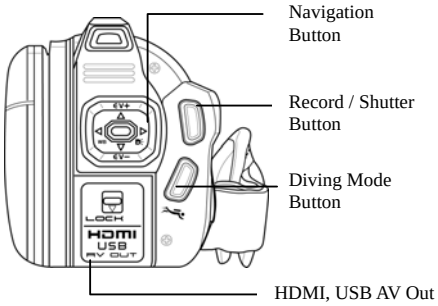
1.4.4 Right view



1.4.5 Left view

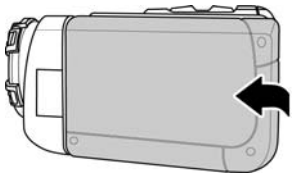


1.4.6 Back view

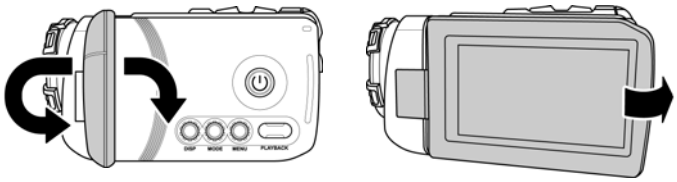


1.4.7 Operating the camcorder

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.
Macro Switch		Turn to enable or disable the Macro mode.
Zoom Button		Press T to zoom in or press W to zoom out when shooting videos or photos.
Navigation Button		● Use the four-way control to select items in the menu and press the middle button to confirm. ● Press up or down in Video/Camera mode to adjust EV settings. ● Press left in Video/Camera mode to adjust White Balance. Press right to turn the LED on or off.
Record / Shutter Button		● In Video mode, press to start recording a video. ● Press it again to stop recording. ● In Camera mode, press to take a picture.

Diving Mode Button		Press to activate the Diving mode.
Display Button		Press to turn on or off the on-screen display.
Mode Button		Press to switch to different modes: Video, Camera, or Set.
Menu Button		Press to display the menu for the current mode.

2 Getting started

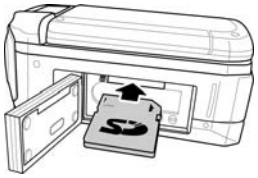
Read this section to learn how to start using the camcorder. This section covers basic functions such as switching on, inserting the battery and memory cards, and configuring preliminary settings. See later chapters for advanced functions.

2.1 Inserting an SD card

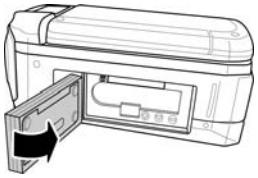
An SD card can be installed in the camcorder to provide additional storage space for still images, video clips, or other files.

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

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



3. Close the battery 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 lock to open the battery cover as shown in the illustration.

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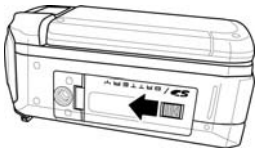
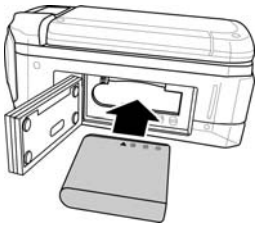
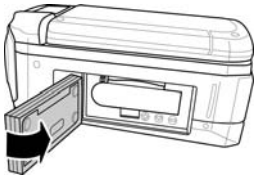


2. Insert the battery. Make sure that the + and – symbols on the battery line up with the + and – symbols on your camcorder.



3. Close the battery cover.

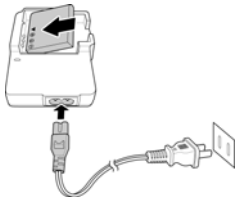


Note:
Make sure that the battery cover is closed properly to ensure the device is waterproof.

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.

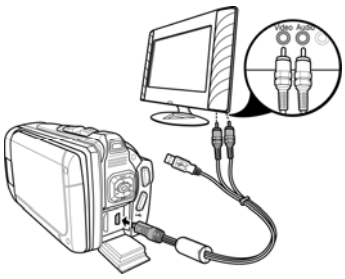
2.4 Turning on/ off the camcorder

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.

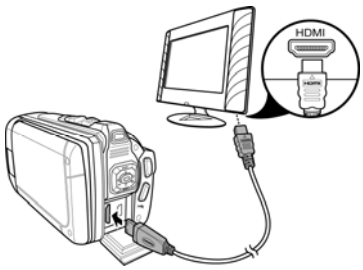
2.5 Connecting to TV (AV Cable)

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



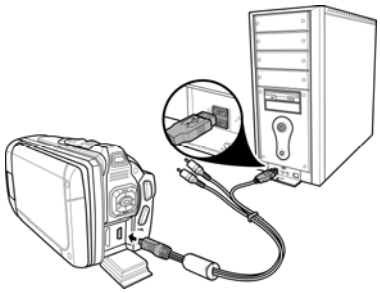
2.6 Connecting to TV (HDMI Cable)

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



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 four modes, **Camcorder**, **Camera**, **SET**, and **Diving**. Press the **Mode Button** to toggle between Camcorder, Camera, and SET modes. To switch to the Diving mode, press the Diving mode button to toggle to this special mode.

2.9 Before you start

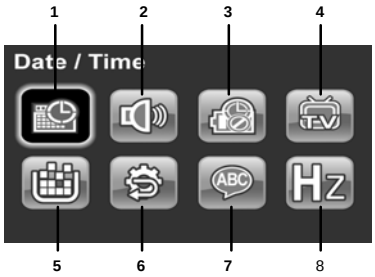
Before you start using the camcorder, some basic settings such as date and time, languages and beep function need to be configured.

2.9.1 Setting the Date and Time

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

1. Press the **Mode Button** to switch to the Set mode screen.
2. Use the **Navigation Button** to scroll through the options/pages until the desired menu is highlighted. Please see below for the available options.
3. Press the **middle Navigation Button** to open the menu.

The following options are available in the Set mode:



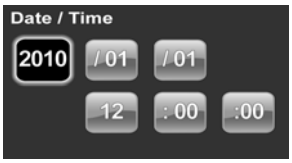
1. Date / Time
2. Beep
3. Auto Power Off
4. TV Standard
5. Format
6. Default
7. Language
8. Frequency

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

2.9.2 Date / Time

The Date / Time menu allows you to adjust the date and time.

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

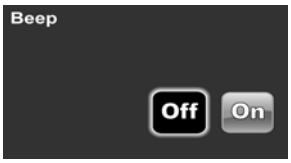


1. Use the **left/right Navigation Button** to select the field to be adjusted.
2. Use the **up/down Navigation Button** to adjust the value.
3. Press the **middle Navigation Button** to confirm.

2.9.3 Beep

The Beep menu allows you to turn the operation sound off and on.

To adjust the Beep, please do the following:



1. Use the **left/right Navigation Button** to select:
   - Off: Turn the operation sound off.
   - On: Turn the operation sound on.
2. Press the **middle Navigation Button** to confirm.

2.9.4 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.

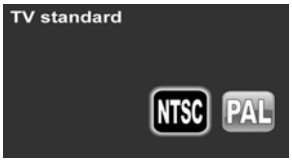
To adjust the Auto Power Off, please do the following:

1. Use the **left/right Navigation Button** to select:
   - Off: Disable the Auto Power Off function.
   - 1 min.: Auto Power Off after 1 minute.
   - 5 min.: Auto Power Off after 5 minutes.
2. Press the **middle Navigation Button** to confirm.

2.9.5 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 select NTSC or PAL.
2. Press the **middle Navigation Button** to confirm.

2.9.6 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 select X or √.
2. Press the **middle Navigation Button** to confirm.

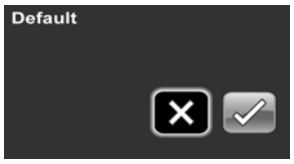
Warning: Formatting will delete everything on the media.

2.9.7 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 select X or √.
2. Press the **middle Navigation Button** to confirm.



2.9.8 Language

The Language menu allows you to select the language displayed.

To select the language, please do the following:

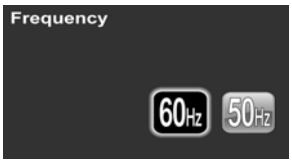
1. Use the **left/right Navigation Button** to select the desired language.
2. Press the **middle Navigation Button** to confirm.

2.9.9 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 select 60Hz or 50Hz.
2. Press the **middle Navigation Button** to confirm.



3 Using the Camcorder

3.1 Recording Videos

To record a movie, do the following:

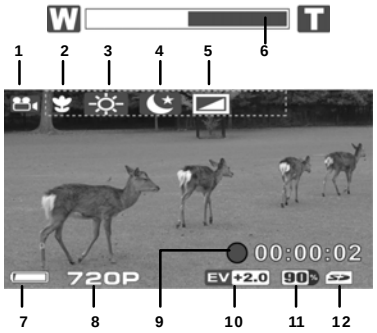
1. Flip open the LCD to turn on the camcorder.
2. Press the **Record Button** to start recording the video.

To adjust the video, you may:

- Use the **Zoom Button** to zoom in and out.
- Press the **left Navigation Button** to quickly change the White Balance.
- Press the **right Navigation Button** to activate or disable the LED lighting.
- To shoot closer objects, you may use the **Macro Switch** to enable the Macro mode.

3. To stop movie recording, press the **Record Button** again.

The Video Recording Screen



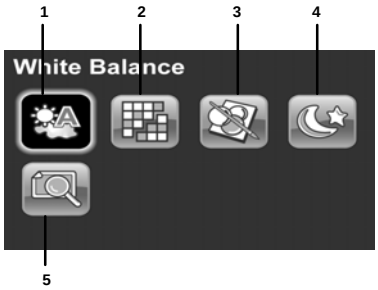
#	Icon	Description
1		Indicates that the camcorder is in Video mode.
2		Indicates that the Macro is on.
3		Indicates the current White Balance mode.
4		Indicates that the Night mode is on.
5		Indicates the current Effect mode being used.
6		Indicates the amount of zoom being used.
7		Indicates the amount of battery power left.
8	720P	Indicates the current resolution.
9	00:00:05	Indicates the recording time.
10	EV+2.0	Indicates the current exposure value.
11	90%	Indicates the remaining space for your memory card/internal memory.
12		Indicates the memory card is inserted / no memory card inserted, files are stored in internal memory.

3.2 Video Mode Menu

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

Make sure you are in the Video mode. Press the **Mode Button** 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 scroll through the options until the desired menu is highlighted. Please see below for the available options.
3. Press the **middle Navigation Button** to open the menu.



The following options are available in the Video mode menu:

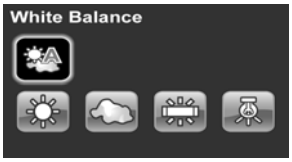
1. White Balance
2. Resolution
3. Effect
4. Night Mode
5. Quality

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** 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.
   - Tungsten: Select this option for normal indoor lighting conditions.
   - Fluorescent: Select this option for fluorescent lighting.
2. Press the **middle Navigation Button** 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. Use the **left/right Navigation Button** to select the desired option:
   - 1080P: Select this option for 1920 x 1080 resolution.
   - 720P: Select this option for 1280 x 720 resolution.
   - WVGA: Select this option for 848 x 480 resolution.
   - QVGA: Select this option for 320 x 240 resolution.
2. Press the **middle Navigation Button** to confirm.

> **Note:**
> Digital zoom not supported in 1080p and QVGA modes.

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** 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** 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** to select Off or On.
2. Press the **middle Navigation Button** 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** to select the desired option:
   - Normal: Select this option for normal quality.
   - High: Select this option for high quality.
2. Press the **middle Navigation Button** to confirm.

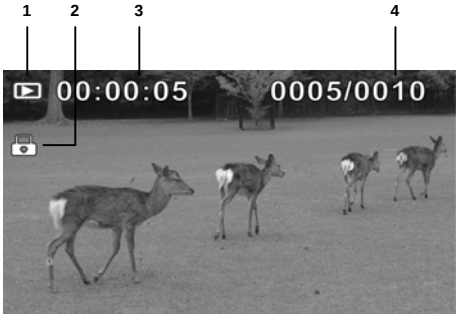
3.3 Playback Videos

3.3.1 Playing Back Videos

To playback videos, please do the following:

1. Make sure you are in the Video mode. Press the **Mode Button** 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** to browse the recorded videos.
4. Press the **middle Navigation Button** to playback the video.
   - To fast forward, press the **left Navigation Button**.
   - To rewind, press the **right Navigation Button**.
   - To stop playback, press the **middle Navigation Button**.
   - To adjust the volume, press the u**p/down Button**.

The Video Playback Screen

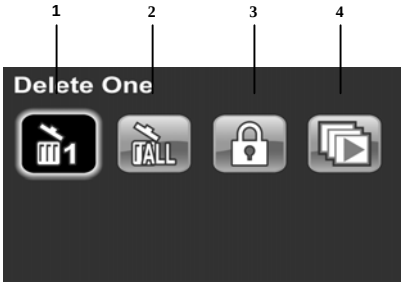


#	Icon	Description
1		Indicates that the camcorder is in Playback mode.
2		Indicates that the file is protected.
3	00:00:05	Indicates the recording time.
4	0005/0010	Indicates the current video/ total videos.

3.4 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** to open the Video playback mode menu screen.
3. Use the **Navigation Button** to scroll through the options until the desired menu is highlighted. Please see below for the available options.
4. Press the **middle Navigation Button** to open the menu.



The following options are available in the Video mode menu:

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

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

3.4.1 Delete One

The Delete One menu allows you to delete files individually.

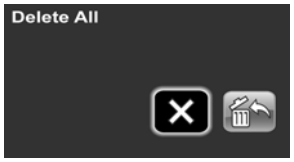
To delete a file, please do the following:

1. Use the **left/right Navigation Button** to select the Delete One.
2. Press the **middle Navigation Button** to confirm. The Playback screen appears.
3. Use the **left/right Navigation Button** to select the desired file.
4. Press the **middle Navigation Button** to delete.

3.4.2 Delete All

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

To delete a file, please do the following:



1. Use the **left/right Navigation Button** to select X or the recycle bin icon.
2. Press the **middle Navigation Button** to confirm.

3.4.3 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 the desired file in the Playback screen.
2. Press the **middle Navigation Button** to protect.

3.4.4 Autoplay

The Autoplay menu allows you to playback the recorded files automatically.

To start Autoplay, please do the following:

1. Press the **middle Navigation Button** to begin playback.
2. If you want to stop the Autoplay, press the **middle Navigation Button** again.

3.5 Shooting Photos

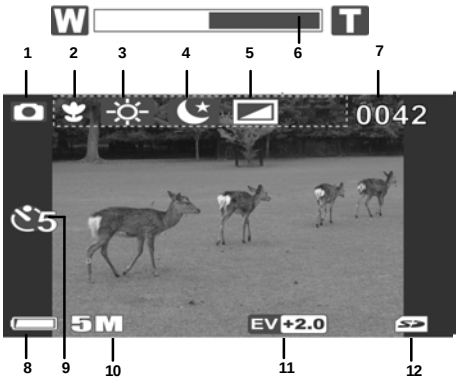
To shoot a photo, do the following:

1. Flip open the LCD to turn on the camcorder.
2. Press the **Mode Button** 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 **left Navigation Button** to quickly change the White Balance.
- Press the **right Navigation Button** to activate or disable the LED lighting.
- To shoot closer objects, you may use the **Macro Switch** to enable the Macro mode.

The Camera Screen

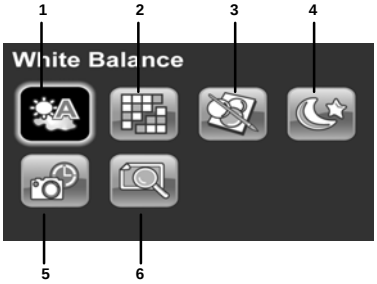


#	Icon	Description
1		Indicates that the camcorder is in Camera mode.
2		Indicates that the Macro is on.
3		Indicates the current White Balance mode.
4		Indicates that the Night mode is on.
5		Indicates the current Effect mode being used.
6		Indicates the amount of zoom being used.
7		Indicates the total number of photos taken.
8		Indicates the amount of battery power left.
9		Indicates the selftimer is on.
10		Indicates the current resolution.
11		Indicates the current exposure value.
12		Indicates the memory card is inserted / no memory card inserted, files are stored in internal memory.

3.6 Camera Mode Menu

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

1. Make sure you are in the Camera mode. Press the **Mode Button** 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 scroll through the options until the desired menu is highlighted. Please see below for the available options.
4. Press the **middle Navigation Button** to open the menu.



The following options are available in the Video mode menu:

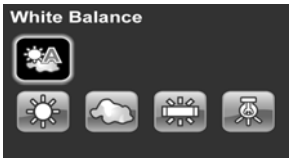
1.	White Balance	4.	Night Mode
2.	Resolution	5.	Selftimer
3.	Effect	6.	Quality

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

3.6.1 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** 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.
   - Tungsten: Select this option for normal indoor lighting conditions.
   - Fluorescent: Select this option for fluorescent lighting.
2. Press the **middle Navigation Button** to confirm.

3.6.2 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** 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** to confirm.

3.6.3 Effect

The Effect menu allows you to change the camera effect.

To set the Effect, please do the following:

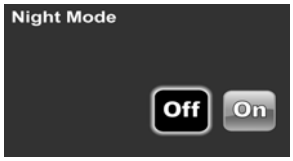
1. Use the **left/right Navigation Button** to select the desired option:
   - Color: Select this option for color photography.
   - Black and white: Select this option for black and white effect.
   - Sepia: Select this option for brown color effect.
2. Press the **middle Navigation Button** to confirm.

3.6.4 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** to select Off or On.
2. Press the **middle Navigation Button** to confirm.

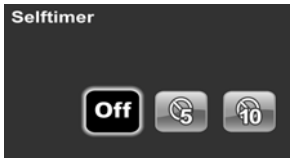


3.6.5 Selftimer

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

To set the Selftimer, please do the following:

1. Use the **left/right Navigation Button** to select:
   - Off: Select this option to disable selftimer.
   - 5 sec: Select this option for 5-second delay.
   - 10 sec: Select this option for 10-second delay.
2. Press the **middle Navigation Button** to confirm.

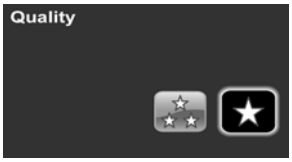


3.6.6 Quality

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:

To set the Quality, please do the following:



3. Use the **left/right Navigation Button** to select the desired option:
   - Normal: Select this option for normal quality.
   - High: Select this option for high quality.
4. Press the **middle Navigation Button** to confirm.

1. Press the **middle Navigation Button** to confirm.

3.7 Playback Photos

3.7.1 Playing Back Photos

To playback photos, please do the following:

1. Make sure you are in the Camera mode. Press the **Mode Button** 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** to browse the recorded photos.

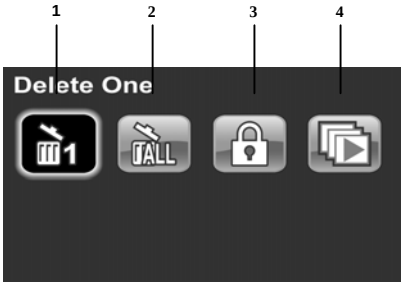
The Photo Playback Screen

#	Icon	Description
1		Indicates that the camcorder is in Playback mode.
2		Indicates that the file is protected.
3	0005/0010	Indicates the current photo/total photos.

3.8 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** to open the Photo playback mode menu screen.
3. Use the **Navigation Button** to scroll through the options until the desired menu is highlighted. Please see below for the available options.
4. Press the **middle Navigation Button** to open the menu.



The following options are available in the Video mode menu:

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

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

3.8.1 Delete One

The Delete One menu allows you to delete files individually.

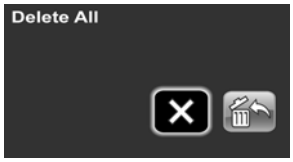
To delete a file, please do the following:

1. Use the **left/right Navigation Button** to select the Delete One.
2. Press the **middle Navigation Button** to confirm. The Playback screen appears.
3. Use the **left/right Navigation Button** to select the desired file.
4. Press the **middle Navigation Button** to delete.

3.8.2 Delete All

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

To delete a file, please do the following:



1. Use the **left/right Navigation Button** to select X or the recycle bin icon.
2. Press the **middle Navigation Button** to confirm.

3.8.3 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 the desired file in the Playback screen.
2. Press the **middle Navigation Button** to protect.

3.8.4 Autoplay

The Autoplay menu allows you to playback the recorded files automatically.

To start Autoplay, please do the following:

1. Press the **middle Navigation Button** to begin playback.
2. If you want to stop the Autoplay, press the **middle Navigation Button** again.

3.9 Diving Mode

The Diving mode takes underwater conditions into account and adjusts these settings automatically:

- White Balance: Auto.

The other settings will remain the same.

To activate to the Diving mode, press the Diving mode Button.

Specification

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 16GB Class6)
Color effects	Natural/B&W/Sepia
Lens	F3.2, f=5.1mm 1G3P
Focus range	Normal: 1.5m~infinity Macro: 20~21 cm
Still image	Formats: JPEG (EXIF 2.2), DCF, Resolution: 3M, 5M, 16M (Firmware Interpolation)

General	
Movie clips	H.264 (AVI) Resolution: QVGA120fps, WVGA60fps,720p30fps, 1080p30fps
Zoom	Movie: 4X Digital (except 1080p and QVGA) Camera: 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/ Special WB for diving mode
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 second Still: 2-1/4000

General	
Auto power off	Off, 1 min., 5 min.
Power supply	Li-ion Battery NP40
Dimension	54.7 (W) x 67.5 (H) x 121 (D) mm
Weight	Approx.260 + - 5g (without battery)

Troubleshooting

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

Problem	Possible Cause	Solution
A black screen appears on the screen.	The EV setting may be set too high.	ⓘ 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.	ⓘ Unlock the memory card. ⓘ 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.	ⓘ Remove the batteries from the camera and insert again.

SDHC Logo is a trademark of SD-3C, LLC.

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).