

数码摄像机 Digital Camcorder ^{User's Manual}

Safety Precautions

English >>

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A Safety Precautions

Don't attempt to modify or dismantle this Digital camcorder in any method so as to avoid any damage to the camcorder or electric shock.

. When the camcorder is not to be used for a long time, please take out the battery, so as to avoid energy loss or any damage to the camcorder.

Don't put or store the comcorder in circumstances with high temperature, so as to avoid any damage to the camcorder.

. For the consideration of safety, please keep the product and its accessories away from kids or animals, so as to avoid any accident.

In case any liquid or foreign substance enters the camcorder, please stop using it temporarily, and shut it down and disconnect the power, and then resort to assistance from your local distributor.

Don't operate the camcorder with wet hands, so as to avoid electric shock. Don't use the flash lamp before people or animals at a short distance less than 1cm, since too close flashing may cause sight hurt to the objects being shot. It is normal that the surface temperature of the camcorder may rise after being used for a period of time.

Don't louch the lens during usage.

Describing Tracts

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Describing Tracts

Desc

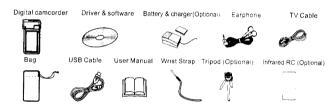
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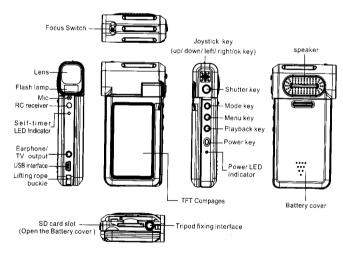
* Including accessories



Charging: to select USB connecting line or the charger to charge by the state of shutdown.

Reminder: When purchasing the product, please check the accessories according to the above diagram, so as to avoid any loss!

* Appearance



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★ Fast Guide

- Load the battery
 - 1. Open the battery cover according to the arrow direction.
 - 2. Put the battery into the battery slot according to proper polarity position.
- 3 Close the battery cover.
- Insert and take out SD card (optional)
 - 1. Open the battery cover. Insert the SD card.
 - 2. When the SD card is in use, the built-in memory will be suspended from use.
- 3. To take out the SD card, please press the card and take it out.
- ◆ Start the camcorder
 - 1.Press and hold the power key for 1 second, or open the TFT , the camcorder will work $_{\! \circ}$ 2. The camcorder will work and the green LED indicator will turn on, Enter into shooting mode. 3. Rotate the TFT as below:













◆ Mode menu

Under the non-mode menu, press the key mode to mode menu, press the key left or right to choose the mode, and press confirm into this mode

◆ Playback key

Under anyone model press the playback key enter into the playback mode , and press the key once again to return to the video recorder mode.

Video recorder mode

- 1. Press the right key to zoom in digitally.
- 2. Press the left key to zoom out digitally.
- 3. Press the menu key to enter the menu options.
- 4.In the video mode, press the shutter key once to start recording, and press the key once again to stop recording.
- 5.In the video mode, press the down key switch 4: 3 and 16: 9 mode
- 6.Shoot when recording:Press the OK key to shoot when recording. (up to ten photos)

Camera mode

- 1.To select photo frames, please press the OK key to select frame setting. There are 8 sets of digital frames available
 - (The photo frame options work on condition that the resolutions of the camera are 5M. 3M and 1M.)
- 2. Press the right key to zoom in digitally.
- 3. Press the left key to zoom out digitally.



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★ Fast Guide

- 4. In the camera mode, press the down, key to toggle four flashing modes: (1), off flashing (2), auto flashing (3), red eye reduction (4), forced flashing
- 5. Press the menu key to enter the camera menu options.
- 6.In the camera mode, press the shutter key to take a photo.
- 7.In the mode menu , choose the tow in one mode
- 8.In the camera mode, press the up key switch 4: 3 and 16: 9 mode.

Note: Please clean out the lens before record video or take photos.

Playback mode

In the playback mode, there are three modes: voice playback, video playback, and photo playback.

Voice playback

- 1. Press the up/down keys to select a file, and then press the OK key to play the file, repress on the OK key to stop.
- 2. Press the left/right keys to adjust the volume.
- 3. Press the menu key to select delete/safeguard functions.

Video playback

- 1.Press the up/down keys to select a file, and press the OK key, to play; press the OK key once again to pause the playback; press the mode key to back to the main menu.
- Press the left key to pop up the playback option menu, including fast-forward/fast-backward/ volume options.
- 3. Press the menu key to select delete/safeguard functions.

Photo playback

- 1. Press the up/down keys to select a file, and then press the left key to enter the 3x3
- 2. Press the menu key to select the delete/safeguard functions.
- Press the right-key to enter the zoom-in/out interface. Then enter into the corresponding operation according to tips.

◆ Voice recording

Press the shutter key to start recording. The display will show the recording time and countdown. During the recording, you can press the shutter key to stop the recording.

Setting menu

Press the left/right keys to select a setting menu, and press the OK key to enter menu options. Then, press the OK key to return.

★ Fast Guide

◆ Music mode

- 1. You can copy music files from PC to the music folder in the memory of the Digital camcorder.
- 2. Press the up/down keys to select a song, and then press the OK key to play, and repress on the OK key to pause playing.
- 3. During the playback, Press the left/right keys to adjust the volume.
- 4.Press the menu key , choose delete current and delete all music files, press the key to back to the music folder on the playing.
- 5. Press the shutter key to toggle three playing modes:
 - Repeat all
 - Repeat one
 - → No repeat

Note: Your Digital camcorder can show lyrics synchronously while playing music.

To enable the function, please make sure the music file and the LRC file are saved in the same music folder of the memory or SD card.

◆ PC mode

- 1.Under any mode, POP-up the choose menu when USB cablebeing connected: PC mode/storage mode.
- $2. Press \, the \, up/down \, keys \, to \, select \, the \, "PC \, mode/storage \, mode", \, Press \, the \, ok \, key \, to \, choose \, the \, mode \, you \, wanted_{\it o}$

Reading E-book

- 1. Press the up/down keys to select a file, and then press the OK key to open the file.
- Press the menu key to choose delete current and delete all text files, press the key to back to the e-book folder on the playback.
- Note: the e-book shall be. TXT file format and store into TEXT document in the built-in or external memory

◆ Game

- 1.Press the OK key to enter the game status;
- 2.Press the up key to rotate.
- 3. Press the down key to drop
- 4.Press the left key to move left.
 5.Press the right key to move right.
- 6.On the playing games, press the OK key for fast dropping.

♦ Shut down

Press the power key and shutter the TFT cover. the recorder will be shut down automatically.

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★ Key Functions

0	Power key	: power up/off;
()	Shutter key	
		shoot, start/stop shooting and recording, adjust repeat modes in music playback;
0	Mode key	Enter into mode menu, toggle 9 modes including video
		recorder, camera, playback, voice recording, setting menu,
_		
0	Menu key:	in video recorder/camera/playback modes, press the menu key
_		
<u> </u>	Playback key:	Fast playing the files
<u> </u>	Left key:	select menu options and files left, adjust music volume (-),
_		and digitally zoom out;
<u> </u>	Right key:	select menu options and files right, adjust music volume (+),
_		and digitally zoom in;
	Up key:	select menu options and files upwards, Choose LCD models
	Down key:	select menu options and files downwards and toggle
_		flash modes;
	OK key:	Confirm and select photo frames

Option Function

Vide	o recorder mo	de	
F (6)	Resolution	(4:3) 720X480/640X480/320X240	
	<u> </u>	(16:9) 72	0X400/640X352/320X176
I (5) 6	Frame Rate	30FPS	
		15FPS	
e O i	Voice Recording	ON	Audible recording
	- Tooblang	OFF	Silent recording
	White Balance	Auto	Auto adjustment
		Sunny	For external light source
		Cloudy	For cloudy weather
		Tungsten	For tungsten light
s 😂 e		Fluorescent	For fluorescent light
	Image 575	Normal	Normal effect
	Image Effect	Sepia	Sepia effect
450		Black	Black and white effect
# (E) =	Exposure Value	-2.0 72.0	Adjust the compensation value according to the light condition
			g to the right condition

★ Key Functions

Camera mode			
	(4:3)	(16:9)	
	12M 4000 X	2000	2248
Resolution	8M 3264 X	0440	1832
- of	5M 2592 X	1944 4M 2592 X	
	3M 2048 X		
	1M 1024 X		
Time Stamp	ON	Show date and time	010
Time Stamp	OFF	Do not show date or time	
	Single	Single shooting	
Charles III	Continuous	Three continuous shooting	
Shooting Mode	10sec Self-timer		
	20sec Self-timer	Enable 10sec delay auto shooting time Enable 20sec delay auto shooting time	
	Two in one		
Exposure Value		Two photo synthesize the one	photo
Exposure value	-2.0~+2.0	Adjust the compensation valuaccording to the light condition	ie in
Image Effect	Normai	Normal effect	
inage Ellect	Sepia	Sepia effect	
	Black Auto	Black and white effect	
	Scenery	Normal environment	
Scenario	Flower	Scenic environment	
	Night	Flower environment	
	Auto	Night view environment Auto adjustment	
	Sunshine	For external light	
White Balance	Cloudy	For cloudy weather	
	Tungsten	For tungsten light	
	Fluorescent	For fluorescent light	
	Best	Best image quality	
Image Quality	Good	Good image quality	
	Normal	Normal image quality	

★ Key Functions

- ICCy						
Setti	• Setting					
	Date time	Se	et date and time			
	Version Cu		urrent version no / version upgrade			
Language Er Ja		Er Ja	nglish, Simplified Chinese, Traditional Chinese, panese, French, German, Italian, Spanish			
* (3)	Веер	10	N/OFF			
-():	Power Saving	1 r	nin/2 min/OFF			
115 🔞 E	TVOUT	PA	L/NTSC			
°. 👀 :	Format	Fo	rmat the current storage media			
	Media Int		ernal flash/External card			
	Frequency 50		DHZ/60HZ			
Stabilizer ON		01	I/OFF			
Default Re		Re	set to default factory setting			
Start Image Ch		Ch	oose the statrup image is the user want			
Screen Brightness Ch		Ch	oose the accurate screen brightness on the different ironment			
Playb	Playback Mode					
Optio	n functions					
Option			Description			
Telete Delete			Delete a single or all selected movie(s), photo(s), voice file(s) or music file(s)			
P (🕙 🤊	Startup image (for photos only		Self define startup image for the current photo			
~ () ··	Rotate		Rotate and save the current photo			
Print (for photos only)			Directly connect to printer to print photos			
- (4)	Lock		Prevent videos, movies, photos, voice files and Mp3 files from being deleted accidentally			
2 () 2	Crop(for photos only)		Crop a photo to create a new one			
i (00) -	Slide Show (for photos o	nly)	Slide show photos			

Note: photos with resolution 4,000x3,000 cannot be rotated.

★ Transmit data to PC

Open "My Computer" on the desktop. There is a removable disk icon: if there is no SD/MMC card, the internal memory is the removable disk; if there is a SD/MMC card, it is the removable disk. In the memory mode, you can use Windows interface to access data in the recorder, including cut/copy/delete files in the recorder.

* Requisite software installation and usage

You can use PC to use and operate the memory offered by the camcorder as well as its web cam function. Before the use, please install the software driver.

◆ Install driver

To use the video communication function, please install the driver for your current operating system. Click the corresponding driver in the installation CD.

Note: Before installing the driver to the PC, do not connect the camcorder to the USB port of the PC, so as to avoid driver installation error;

Media Converter

You can use your PC to convert movies, audio files and pictures and then download to your DV recorder. Before that, please install the media converter tool.

◆ Software installation

Click the "Install Media Converter" button in the software installation interface. After the installation, there will be a shortcut icon on the desktop. Directly click the icon to run the software.

★ Requisite software installation and usage

• The media converter runs as follows:



- 1. Click the "Select media file" button to open the file selection dialogue box. Select your desired video file to convert and confirm;
- Click the "Select target file" button to open the file selection dialogue box. Select the folder to save the converted video file and confirm.
- 3. Click the "Convert" button to start the conversion.
- Senior setting:
- Click the "Setting" button to pop up the above window.:



Click "Video", "Audio", or "Photo" button to toggle video/audio/photo setting windows.

* Troubleshooting

- I cannot take a photo or video or record voice?
 Change the resolution, image quality or frame rate setting, or change another storage card with sufficient free space; check whether the storage card is locked; delete some files.
- The indicator is not on when the camcorder is being charged? Reload the battery according to correct polarity; make sure that the AC power works properly; re-plug the power adapter.
- The flash lamp cannot flash? In shooting pictures, if the battery is low, the flash lamp will not work.
- How to take good photos?
 Please make use of the tripod. In dark places, please use the flash lamp or lights to compensate light.
- ♦ The picture in the viewfinder with dirty mark? Please clean out the lens₀
- Camcorder shows no memory space for record vide?

 When the memory space less than 4MB, the camcorder will show memory space is full and can not record video.