

Camcorder



USER MANUAL

Precautions

Thank you for selecting our multifunctional Camcorder!

Please carefully read this manual before you use the product as it provides important safe measurements and correct operational information.

Design and characters may change without prior notice and we won't bear any responsibility for any incident may caused by incorrect or careless omission information of menu.

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1> Characteristics:

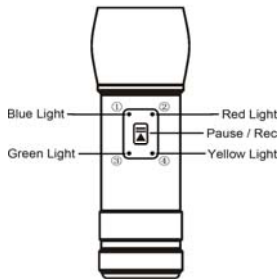
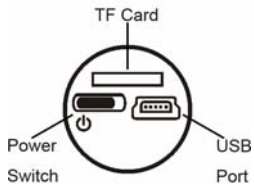
- Video: AVI format,VGA (640×480)
- Photography: 640×480 / 2048×1536, JPEG format
- Built-in Microphone
- PC Camera function
- Built-in lithium battery
- Support operating system WIN2000、 WIN XP
- USB2.0 interface
- Portable U-disk function
- Time stamp function
- Support TF Card or Micro SD Card up to 8GB
- Support Firmware Upgrade

2> Safety Tips:

- Do not use the camcorder in the condition of high temperature, cold, humidity or dust. Do not put it in high temperature place (over 40°C).

- The file won't automatically save unless you set it as pause status.
- The life of battery may be various from different condition of use, the battery manufacture and productive time.
- Please don't suddenly disconnect the camcorder during the downloading and uploading or formatting, Otherwise, it may cause program error.
- While it to be treat to use as a portable U-disk, please properly eject it from your computer before disconnecting according to correct file management and operational method. We won't bear any responsibility for any file loss without correct operation.
- The camcorder can automatically charge while connect the USB port to computer, Meanwhile, It can be charge up with AC adapter and USB Cable.
- Please do not personally dismantle the camcorder, You'd better contact our company if there are any inquiries.

3> Button Interface:



4> Basic Operation Introduction:

1: Recording video operation:

Rotate the bottom cover and insert Mirco SD Card in the card slot .Push the switch to power ON position, it will enter initialization status while the blue light turn on. The yellow light will always on because the machine at recording state now. After the initialization procedure completely finished that it will directly enter into standby mode. Press pause button once time for starting record with green light flashing. Press the pause button again under pause mode that the machine will restarting record with green light flashing. Tips:It can recording while charging after connect to PC via USB cable.

The pause button function is for saving recording file, Make sure press pause button before power off after finish recording, otherwise the previously recording file won't saved. Make sure power off after finished recording, otherwise, the battery will be use out bcos the machine are locate on standby status.

The machine will automatically save the recorded video files although you don't press pause before power off except the card memory full.

While the recorded video file over 2GB, the machine will stopped to record for 4 seconds and save previous recorded file as AVI format at the same time. After that it will restart to record new file. The photo will saved in AVI folder.

Remark: The green light will always on when the Mirco SD card is full.

2: Camera function operation:

A: Digital Camera section;

Rotate the bottom cover and insert Mirco SD Card in the card slot .Push the switch to power ON position, it will enter initializtion status while the blue light turn on. The yellow light will always on because the machine at record mode now. Press pause button over 3 seconds later and yellow light will shut off, then it will enter into camera mode after release. Press play/pause button for taking photo with the green light flashing one time.

The photo will be saved in JPEG folder.

B: PC Camera section;

Switch to power off position and press pause button without release, then connect USB at same time. Release it after 3 seconds and enter into PC camera mode. Pls run PC Camera software if you need. (Reminder: Please successfully install the PC Camera driver software included in CD before using PC camera function.)

3: Definition of Indicator light:

Mode Light	Power ON	DVR	Camera	USBmemory PC Camera	Low battery	Charger
Blue	On	On	On	On	On	On
Red					Flash	On
Green		Flash	Flash			

Yellow	On	On				
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Remark: Press play/pause button for taking photo with the green light flashing one time&the Red light always on during charging, red light shut down after fully charging.

4: Removable storage device function:

Connect USB to PC at power off state, The camcorder enter into removable storage status as USB flash driver. You can upload date and save it as you like.

5: Time stamp function:

The date and time will be shown on the right corner of that recorded files as (year-month-date-hour:minute:second) format when playback. please setting the time correctly as follow step:

A: Edit one ".txt " file named as "userconf.txt" and its content as format

2008-08-08 08:00:00. If there is only single-digit for hour, minute or second, pls add zero make up. For example: 8, make up as 08. Then save the file. The file name and its format can't be changed.

B: While insert the TF card and connect machine to PC, Pls save the file userconf.txt to root directory of the U Disk.(See Below demo file)



C: Disconnect the machine from PC .After successfully completed, system

will update the time accordingly.

6: How to play the video file:

The machine video files automatically saved as AVI format, Windows system enclosed windows media player can directly support playing AVI file. Pls open any video file under the U-Disk of camcorder, double click it and play it.

This machine havn't separately audio record function, but the voice and video are synchronally recorded. No specify mic hole instead of higher sensitivity automatically inducte voice through the gap of pause button.

7: How to charge built-in battery:

Connect the machine to PC , it will charging with red light always on. Pls disconnect it from PC while fully charging with red light shut down.

Remark: The voltage of USB in PC can not reach 5V ,the machine can not charge fully.Suggest use 5V & 300mA AC adpater to charging.

8: Accessories using demonstration:

A: Bracket: This camcorder can locate on desk or other stable place for recording via bracket . (See Below display photo)



B:Viewfinder: Push the viewfinder from the bottom cover, then it will fastened onto the slot of cover. Adjust the viewfinder and keep the viewfinder direction face to middle of the button. The line of eye sight should be keep parallel direction with the machine, To catch picture via

the middle point of the viewfinder for helping located the position

C: Memory card: The camcorder only support TF card or Micro SD card as storage device.



D: Standard accessories including Bracket, viewfinder, USB cable .



9: How to solve dead problem:

If you meet camcorder suddenly dead while operation process, Please power off machine then resume to power on. But the current files without press effective pause key can not be saved eventually.

5> Technical Specifications:

Specifications	
Sensor	1/6"CMOS, 0.3MP / 1/4"CMOS, 3MP
Lens	Pin hole lens f 2.36mm/ F1.76
Auto gain control	Yes
Auto white balance	Yes
Shutter speed	1/8 – 1/5000 second (auto)
Video output	AVI file, USB output

Video rate/size	25 frames/second , 1800MB/hour
Video resolution	VGA 640×480
Picture	JPEG 640×480 / 2048×1536
Record mode	Manual
Display	LED light
Memory	Extral Micro SD or TF Card
Record Sound	Synchrional with video
Power consumption	120mA/H 180mA/H
Capacity of card support	1GB , 2GB, 4GB,8GB
Battery	Built in Li-ion / 490mAH
Dimension	87 * \varnothing 24 mm