



## DigaSPY Glasses General Description

### Basic Function

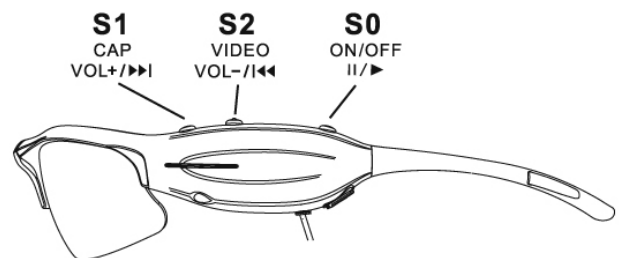
1. Video Recorder + Camera + Music Player + Flash Memory Storage (USB 2.0 high speed)
2. Video resolution: 640 x 480 In AVI format
3. Camera resolution: 0.3/1.3/2.0 mega pixels
4. RTC (Real Time Clock) overlays time/date of video and photos
5. Music Formats Supported: MP3 & WMA
6. Playing function: sequence, pause, resume
7. Stereo earphones
8. Available memory sizes: 2GB, 4GB or 8GB
9. Remote-control photo-shooting and music-playing
10. Automatically detect battery voltage and power indicator
11. Power saving function: automatically powers off when not operating for 10 minutes under pause status
12. Battery: rechargeable L1-Ion battery (3.7V)

### LED Lights:

- **Red LED (POWER/CHARGE):** Lights up/power on; flashes once every second/low battery; flashes once every 2 seconds/recharging; light off/power off
  - **Yellow LED (MUSIC):** lights up/music mode; flashes once every 2 seconds/playing music
  - **Blue LED (CAMERA):** flashes once every second/recording video; lights up/recording finished; light off/video stored in memory
- Blue and yellow LED's flash together every 2 seconds/no music  
Blue and yellow LED's flash alternatively once every second/pairing with remote control

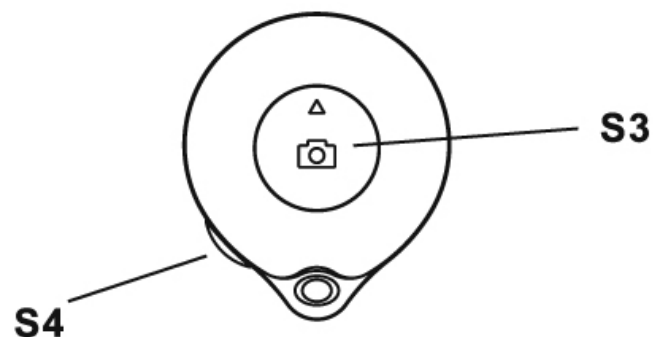
### Buttons On DigaSPY Glasses:

- **S0 - (ON/OFF/PLAY/PAUSE):** Hold on button down for 3-4 seconds to turn on or turn off the DigaSPY Glasses. Press button for 1-2 seconds to play or pause music.
- **S1 - (CAPTURE/VOL+/NEXT):** when playing music, hold button down for 3-4 seconds to increase Volume, Press button for 1-2 seconds to skip to next track; When music paused, Press button for 1-2 seconds to take photos.
- **S2 - (VIDEO/VOL-/PREV):** when playing music, hold button down for 3-4 seconds to decrease volume, Press button for 1-2 seconds to turn to previous track; When music paused, hold button down for 3-4 seconds to start video recording, and hold button down for 3-4 seconds again to stop recording.

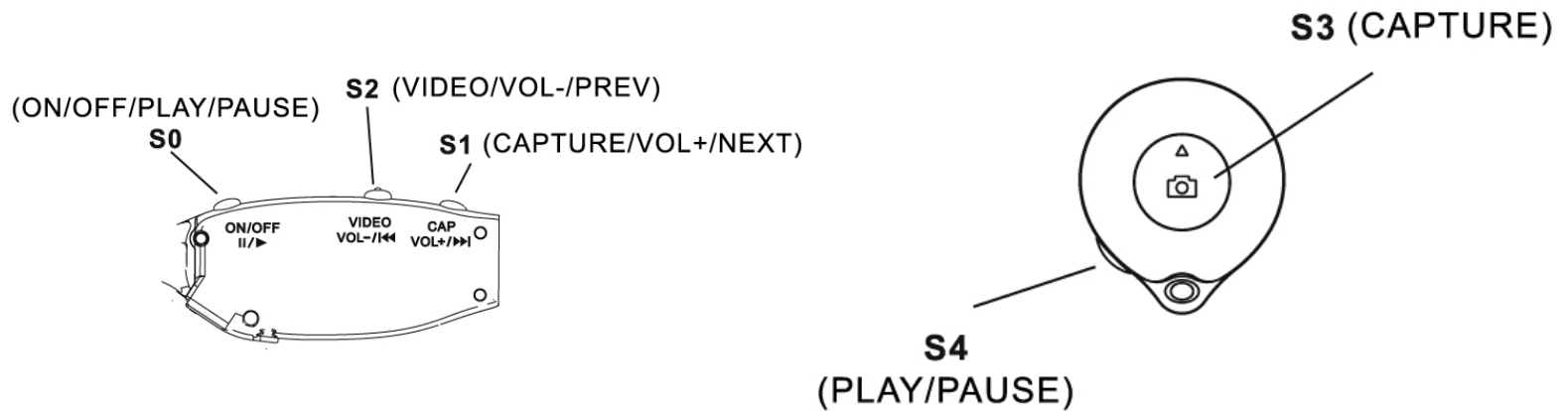


### Buttons On DigaSPY Glasses Remote:

- **S3 (CAPTURE):** Top button. Press button for 1-2 seconds to take photos.
- **S4 (PLAY/PAUSE):** Side button. Press button for 1-2 seconds to play or pause music.



# Operation Of The DigaSPY Glasses



## Power On/Power Off

- **Power On:** Press button **S0** down for 3-4 seconds till red LED lights up; few seconds later, there is a "Welcome" from earphones, the DigaSPY Glasses successfully powered on.
- **Power Off:** Press button **S0** down for 3-4 seconds till red LED flashes 5 times and lights off at the same time "Good-bye." from earphones, the DigaSPY Glasses successfully powered off.
- **When Paused:** If there is no operation in 10 minutes, the DigaSPY Glasses will automatically power off. To check if the DigaSPY Glasses are on or off, please press button for 1-2 seconds button **S2**, If you hear a "Ready" in the earphones then it is on if you do not hear "Ready" it is off.

## Photo Capture

- Please power on the DigaSPY Glasses first. To capture, press button **S1** for 1-2 seconds and you will hear a sound feedback from earphones at the same time a blue LED flashes once and then lights off.  
**Capture is only available when music is paused.**

## Photo Capture By Remote Control

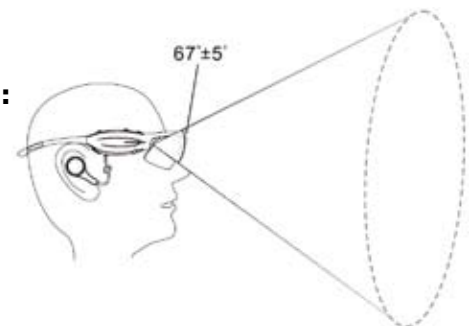
- Power on the DigaSPY Glasses first. To capture by remote control, press button **S3** for 1-2 seconds on the remote control. You will hear a sound feedback from earphones, at the same time a blue LED flashes once and then lights off.  
**Keep your head still during capture, otherwise, the photo will be blurry.**
- After power on, capture by remote is available even when music is playing.

## Record Video

- When music is paused, press button **S2** down for 3-4 seconds to start recording video at the same time the word "Start Recording" sounds from earphones. Press button **S2** down for 3-4 seconds to finish recording at the same time the word "Recording Finished" sounds from earphones.
- Blue LED light indicates video status. Flashes once every second/taking video; lights up/recording finished; lights off/video stored in memory.

**Note:** The viewing angle of this DigaSPY Glasses is  $67^{\circ} \pm 5^{\circ}$ . The deviation varies according to the proficiency of users. If the target is not within your horizontal view, please move your head to control target within the viewing angle of the lens. Please practice shooting video/photos to obtain best video/audio.

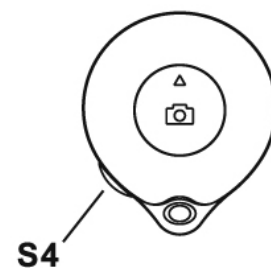
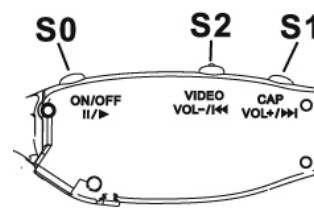
**Horizontal view:**



## Playing Music

Please power on the DigaSPY Glasses first.

- **Play:** Press button **S0** for 1-2 seconds, music starts playing
- **Pause:** Press button **S0** for 1-2 seconds again, music pauses
- **Next track:** Press button **S1** for 1-2 seconds when music playing
- **Previous track:** Press button **S2** for 1-2 seconds when music playing
- **Increase volume:** Press button **S1** down for 3-4 seconds when music playing
- **Decrease volume:** Press button **S2** down for 3-4 seconds when music playing



**Note:** If there is no music inside, blue and yellow LED's will flash together every 2 seconds, and there is "No Music" from the earphones.

## Playing Music By Remote Control

- **Play:** Press button **S4** for 1-2 seconds on the side of remote control, music starts playing
- **Pause:** Press button **S4** for 1-2 seconds on the side of remote control, music pauses

**Note:** If there is no music inside, blue and yellow LED's will flash together every 2 seconds, and there is "No Music" from the earphones.

## PC Connection

1. Connect the USB cable to the port on the left arm of the DigaSPY Glasses and then connect with PC's USB port.
2. Red LED flashes once every 2 seconds (when the battery is not fully charged), now it is in connection with the computer and recharging.
3. USB disk icon appears on the computer screen.
4. Blue LED flashes during data transfer (busy). Blue LED lights up during idle status.
5. When upload/download/recharging finished, please safely disconnect the DigaSPY Glasses from the computer.

## Setting Time On The DigaSPY Glasses

1. Create a text file named "setdate.txt"
2. Then open the file and type In time In format of "YYYY-MM-DD hh:mm:ss (this should be the real time when you are typing, and in 24-hour format, e. g. 2009-06-0614:30:50).
3. When finished, please save the file under the root directory of USB removable disk, then safely eject the DigaSPY Glasses according to computer's requirement.
4. Time re-setting is needed, every time the DigaSPY Glasses completely run out of battery charge or the DigaSPY Glasses are not safely ejected from the computer.

## Recharge

- When there is only 20% power left, there is a "low battery" from earphone every 10 seconds. Please recharge as soon as possible.
- To recharge, please connect the DigaSPY Glasses to computer's USB port or charging adaptor (optional accessory) using USB cable.
- During recharging, the red LED flashes once every 2 seconds, and will light up when recharging completed.
- Recharging usually takes around 2 hours.

## Pairing With Remote Control

1. Turn on DigaSPY Glasses first, red LED lights up.
2. Press button S2 immediately, until blue and yellow LED's flash alternatively every 1 second, then release S2. You have now entered the pairing status.
3. Press button **S3** down for 3-4 seconds on the remote control, till blue and yellow LED's stop flashing.
4. Pairing finished. Once you have paired the remote with your DigaSPY Glasses, there is no need to pair again.

**Note:** Once under pairing status, If press **S0** or fail to press **S3** button on the remote control in 2 minutes, it will automatically exit the pairing status.

The DigaSPY Glasses are already paired with the remote control. To avoid any unexpected situation, we do not recommend pairing with other remote controls or pair again by yourself.

In case the DigaSPY Glasses are not working due to external disturbance or any unexpected situation, please reset the DigaSPY Glasses by pressing down button **S1** and **S2** for 3-4 seconds at the same time till all LED lights turn off. Please turn on the DigaSPY Glasses after resetting. After reset, please set time again according to "Set Time" in the manual. Please do not reset the product if it is working well, as this may effect the glasses normal functions.

## CAUTIONS

1. Do not disassemble or change any part of this product.
2. Do not pull or plug in the product with wet hands, which may cause short circuit of the product.
3. Do not expose the product to fire or excessive heat.
4. Do not expose to electromagnetic wave circumstances, this may cause malfunction or data transfer errors.
5. Ensure the USB plug is dry before connecting to computer, in order to avoid damage by moisture.

## TROUBLE SHOOTING

Problem	Analysis	Solution
Unable to play	Battery low	Recharge the battery
	Non standard MP3 files/WMA files	Delete the music, download standard MP3/WMA files
Unable to download	USB cable broken/Check USB connection	Check USB connection and re-plug
No driver letter	USB plug not connected or loose	Check USB connection and re-plug
	The PC motherboard does not support USB port	Upgrade the mother board driver
	DigaSPY Glasses do not power on	Power on the DigaSPY Glasses
Sound skips or resets	MP3 file made at compression exceeds 320 kbps	Use a lower compressing level to record file to MP3 format
	Wrong music format/damaged music file	Delete this music, and re-download correct music file
Buttons don't work	Product fails to work properly	Press buttons S1 and S2 together to reset

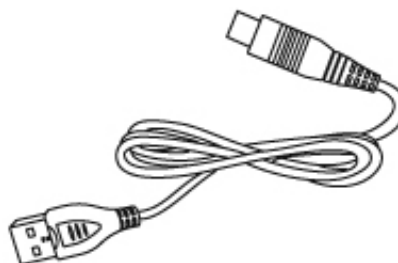
## Accessories

Below are the accessories that come with the DigaSPY Glasses.

### DigaSPY Glasses Dark and Clear lenses



### USB Cable



### Remote



## SPECIFICATIONS

- **Capacity:** Built in flash memory 2GB, 4GB, 8GB
- **Port:** Standard Mini USB port
- **Battery:** 3.7V macromolecule polymer Ii-ion rechargeable battery
- **Recharging time:** 2 hours for fully charged
- **Battery life:** 1. 5 hours for video recording  
3 hours for photo-shooting  
3 hours for music-playing
- **Video storage:** 30min/GB, up to 4 hours for 8GB
- **Photo storage:** Around 5,000 photos/GB  
Around 4000 photos for 8GB
- **Music storage:** WMA format (64Kbps):  
16 hours/GB, up to 256 hours for 8GB.  
MP3 format (128Kbpa):  
8 hours/GB up to 64 hours for 8GB.
- **Compression rate:** 32Kbps~320Kbps
- **SIN ratio:** 80dB
- **Earphone output:** 5mW + 5mW
- **Frequency response:** 20Hz-20KHz
- **Working temperature:** -5°C -+50°C