

# VIDEO SUNGLASSES

## INSTRUCTION MANUAL

### TABLE OF CONTENT

I GENERAL DESCRIPTIONS.....	1
Basic Function.....	1
Accessories.....	4
Steps on how to change lenses.....	5
II OPERATION.....	9
Power on / power off.....	10
Capture.....	10
Capture by remote control.....	11
Record video.....	11
Play music.....	13
Play music by remote control.....	14
PC connection.....	15
PC camera.....	15
Set time.....	16
Low battery indicator.....	16
Recharge.....	17
Pair with remote-control.....	18
Reset.....	18
III CAUTIONS.....	19
IV TROUBLE-SHOOTING.....	19
V SPECIFICATIONS.....	21

### I GENERAL DESCRIPTIONS

#### Basic Function

1. Video Recorder + Digital Camera + PC camera + Music Player + Flash Memory Storage (USB 2.0 high speed)
2. Video resolution: 800×600@25fps, in AVI format
3. Camera resolution: 3.2 mega pixels (2048×1536)
4. RTC (Real Time Clock) to track capture time of videos and photos
5. Support music formats: MP3 & WMA
6. Playing function: sequence, pause, resume
7. Stereo earphones
8. Available memory sizes: 2GB / 4GB / 8GB / 16GB
9. Remote-control photo-shooting and music-playing
10. Automatically detect battery voltage and power indicator
11. Power saving function: automatically power off, when no operation in 10 minutes under pause status
12. Battery: rechargeable Li-ion battery (3.7V)
13. 3 LED lights:

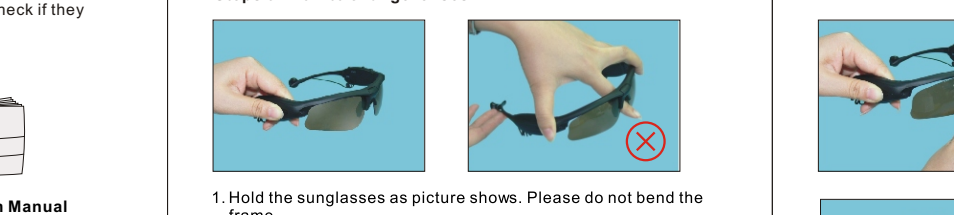
- Red LED (POWER/CHARGE): light up / power on; flash once every 2 seconds / recharging; flash once every second / 20% or lower battery left; light off / power off
- S2 (VIDEO/VOL-/Prev): when playing music, long press the button to decrease volume, short press to turn to previous track; Under standby mode, long press the button to start video recording, and long press again to stop recording.

- S1 (CAPTURE/VOL+/NEXT): when playing music, long press the button to increase volume, short press to skip to next track; Under standby or video-recording mode, short press the button to take photos
- S2 (VIDEO/VOL-/Prev): when playing music, long press the button to decrease volume, short press to turn to previous track; Under standby mode, long press the button to start video recording, and long press again to stop recording.

- S3 (CAPTURE): light up / music mode; flash once every 2 seconds / playing music
- Blue LED (CAMERA): flash once every second / recording video; light up / recording finished; light off / video stored in memory

- Blue and yellow LEDs flash together every 2 seconds / no music
- Blue and yellow LEDs flash alternatively once every second / pairing with remote control
- S4 (Play/Stop): Side button. Short press to play or pause music

14. 3 buttons on sunglasses frame:



- S0 (ON/OFF/PLAY/STOP): long press the button to turn on or turn off the sunglasses, short press to play or pause
- S1 (CAPTURE/VOL+/Next): when playing music, long press the button to increase volume, short press to skip to next track; Under standby or video-recording mode, short press the button to take photos
- S2 (VIDEO/VOL-/Prev): when playing music, long press the button to decrease volume, short press to turn to previous track; Under standby mode, long press the button to start video recording, and long press again to stop recording.

- S3 (CAPTURE): light up / music mode; flash once every 2 seconds / playing music
- Blue LED (CAMERA): flash once every second / recording video; light up / recording finished; light off / video stored in memory

- S4 (PLAY/PAUSE): long press the button to play or pause music; short press to play or pause music

- S5 (RECHARGE): light up / power on; flash once every 2 seconds / recharging; flash once every second / 20% or lower battery left; light off / power off

- S6 (CAMERA): light up / music mode; flash once every 2 seconds / playing music
- Blue LED (CAMERA): flash once every second / recording video; light up / recording finished; light off / video stored in memory

- S7 (PLAY/PAUSE): long press the button to play or pause music; short press to play or pause music

- S8 (RECHARGE): light up / power on; flash once every 2 seconds / recharging; flash once every second / 20% or lower battery left; light off / power off

- S9 (CAMERA): light up / music mode; flash once every 2 seconds / playing music
- Blue LED (CAMERA): flash once every second / recording video; light up / recording finished; light off / video stored in memory

- S10 (PLAY/PAUSE): long press the button to play or pause music; short press to play or pause music

- S11 (RECHARGE): light up / power on; flash once every 2 seconds / recharging; flash once every second / 20% or lower battery left; light off / power off

- S12 (CAMERA): light up / music mode; flash once every 2 seconds / playing music
- Blue LED (CAMERA): flash once every second / recording video; light up / recording finished; light off / video stored in memory

- 15. 2 buttons on remote control
- S3 (Capture): Top button. Short press to take photos
- S4 (Play/Stop): Side button. Short press to play or pause music

14. 3 buttons on sunglasses frame:



- S0 (ON/OFF/PLAY/STOP): long press the button to turn on or turn off the sunglasses, short press to play or pause
- S1 (CAPTURE/VOL+/Next): when playing music, long press the button to increase volume, short press to skip to next track; Under standby or video-recording mode, short press the button to take photos
- S2 (VIDEO/VOL-/Prev): when playing music, long press the button to decrease volume, short press to turn to previous track; Under standby mode, long press the button to start video recording, and long press again to stop recording.

- S3 (CAPTURE): light up / music mode; flash once every 2 seconds / playing music
- Blue LED (CAMERA): flash once every second / recording video; light up / recording finished; light off / video stored in memory

- S4 (PLAY/PAUSE): long press the button to play or pause music; short press to play or pause music

- S5 (RECHARGE): light up / power on; flash once every 2 seconds / recharging; flash once every second / 20% or lower battery left; light off / power off

- S6 (CAMERA): light up / music mode; flash once every 2 seconds / playing music
- Blue LED (CAMERA): flash once every second / recording video; light up / recording finished; light off / video stored in memory

- S7 (PLAY/PAUSE): long press the button to play or pause music; short press to play or pause music

- S8 (RECHARGE): light up / power on; flash once every 2 seconds / recharging; flash once every second / 20% or lower battery left; light off / power off

- S9 (CAMERA): light up / music mode; flash once every 2 seconds / playing music
- Blue LED (CAMERA): flash once every second / recording video; light up / recording finished; light off / video stored in memory

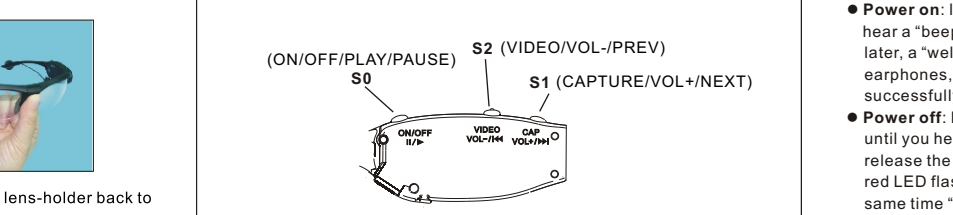
- S10 (PLAY/PAUSE): long press the button to play or pause music; short press to play or pause music

- S11 (RECHARGE): light up / power on; flash once every 2 seconds / recharging; flash once every second / 20% or lower battery left; light off / power off

- S12 (CAMERA): light up / music mode; flash once every 2 seconds / playing music
- Blue LED (CAMERA): flash once every second / recording video; light up / recording finished; light off / video stored in memory

### Accessories

Below are the accessories in the packing, please check if they are complete.



- Video Sunglasses
- Instruction Manual
- USB cable
- Remote Control

- S0 (ON/OFF/PLAY/STOP): long press the button to turn on or turn off the sunglasses, short press to play or pause
- S1 (CAPTURE/VOL+/Next): when playing music, long press the button to increase volume, short press to skip to next track; Under standby or video-recording mode, short press the button to take photos
- S2 (VIDEO/VOL-/Prev): when playing music, long press the button to decrease volume, short press to turn to previous track; Under standby mode, long press the button to start video recording, and long press again to stop recording.

- S3 (CAPTURE): light up / music mode; flash once every 2 seconds / playing music
- Blue LED (CAMERA): flash once every second / recording video; light up / recording finished; light off / video stored in memory

- S4 (PLAY/PAUSE): long press the button to play or pause music; short press to play or pause music

- S5 (RECHARGE): light up / power on; flash once every 2 seconds / recharging; flash once every second / 20% or lower battery left; light off / power off

- S6 (CAMERA): light up / music mode; flash once every 2 seconds / playing music
- Blue LED (CAMERA): flash once every second / recording video; light up / recording finished; light off / video stored in memory

- S7 (PLAY/PAUSE): long press the button to play or pause music; short press to play or pause music

- S8 (RECHARGE): light up / power on; flash once every 2 seconds / recharging; flash once every second / 20% or lower battery left; light off / power off

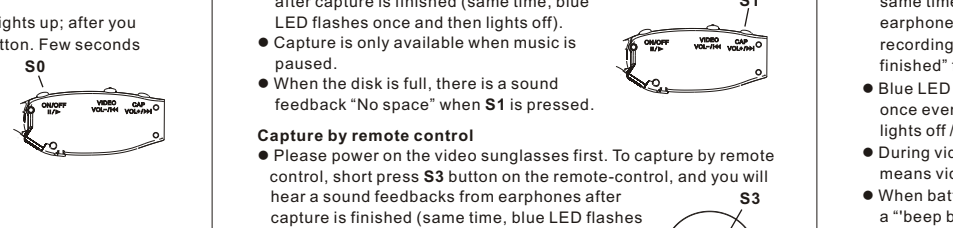
- S9 (CAMERA): light up / music mode; flash once every 2 seconds / playing music
- Blue LED (CAMERA): flash once every second / recording video; light up / recording finished; light off / video stored in memory

- S10 (PLAY/PAUSE): long press the button to play or pause music; short press to play or pause music

- S11 (RECHARGE): light up / power on; flash once every 2 seconds / recharging; flash once every second / 20% or lower battery left; light off / power off

- S12 (CAMERA): light up / music mode; flash once every 2 seconds / playing music
- Blue LED (CAMERA): flash once every second / recording video; light up / recording finished; light off / video stored in memory

### Steps on how to change lenses



- 1. Hold the sunglasses as picture shows. Please do not bend the frame.
- 2. Flip up the lenses a little bit with your thumb. Please make sure the flip-up angle is less than 45°. The higher you flip up the lenses, the more difficult to take out the lenses.

- 3. Hold the lens-holder with both of your thumb and forefinger as picture shows, and lift out the lens-holder from frame by one side. Please do not just hold the lens.

- 4. Place the new lenses on the frame, and push lens-holder back to frame by your thumb.

- 5. Hold the lens-holder with both of your thumb and forefinger as picture shows, and lift out the lens-holder from frame by one side. Please do not just hold the lens.

- 6. Place the new lenses on the frame, and push lens-holder back to frame by your thumb.

- 7. Hold the lens-holder with both of your thumb and forefinger as picture shows, and lift out the lens-holder from frame by one side. Please do not just hold the lens.

- 8. Place the new lenses on the frame, and push lens-holder back to frame by your thumb.

- 9. Hold the lens-holder with both of your thumb and forefinger as picture shows, and lift out the lens-holder from frame by one side. Please do not just hold the lens.

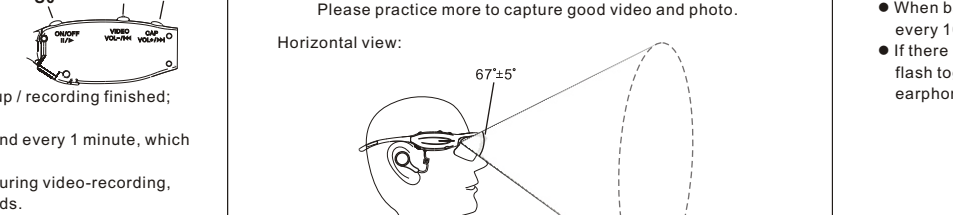
- 10. Place the new lenses on the frame, and push lens-holder back to frame by your thumb.

- 11. Hold the lens-holder with both of your thumb and forefinger as picture shows, and lift out the lens-holder from frame by one side. Please do not just hold the lens.

- 12. Place the new lenses on the frame, and push lens-holder back to frame by your thumb.

### II OPERATION

#### (ON/OFF/PLAY/PAUSE) S0 S1 (CAPTURE/VOL+/NEXT)



- 1. Hold the sunglasses as picture shows. Please do not bend the frame.
- 2. Flip up the lenses a little bit with your thumb. Please make sure the flip-up angle is less than 45°. The higher you flip up the lenses, the more difficult to take out the lenses.

- 3. Hold the lens-holder with both of your thumb and forefinger as picture shows, and lift out the lens-holder from frame by one side. Please do not just hold the lens.

- 4. Place the new lenses on the frame, and push lens-holder back to frame by your thumb.

- 5. Hold the lens-holder with both of your thumb and forefinger as picture shows, and lift out the lens-holder from frame by one side. Please do not just hold the lens.

- 6. Place the new lenses on the frame, and push lens-holder back to frame by your thumb.

- 7. Hold the lens-holder with both of your thumb and forefinger as picture shows, and lift out the lens-holder from frame by one side. Please do not just hold the lens.

- 8. Place the new lenses on the frame, and push lens-holder back to frame by your thumb.

- 9. Hold the lens-holder with both of your thumb and forefinger as picture shows, and lift out the lens-holder from frame by one side. Please do not just hold the lens.

- 10. Place the new lenses on the frame, and push lens-holder back to frame by your thumb.

- 11. Hold the lens-holder with both of your thumb and forefinger as picture shows, and lift out the lens-holder from frame by one side. Please do not just hold the lens.

- 12. Place the new lenses on the frame, and push lens-holder back to frame by your thumb.

### III 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 the product to electromagnetic wave circumstances, which may cause malfunction or data transfer error.

#### 5. Ensure the USB plug is dry before connecting to computer, in order to avoid damage by moisture.

#### IV TROUBLE-SHOOTING

#### Problem Analysis Solution

#### Unable to play music

#### Recharge the battery

#### Delete this music, download standard MP3 / WMA files

#### Check USB connection and re-plug

#### Unable to download music / photos / videos

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

#### Check USB connection and re-plug

### PC Connection

#### 1) Connect the USB cable to the port on the left arm of the sunglasses and then connect with PC's USB port.

#### 2) Red LED flashes once every 2 seconds (recharging) or lights on (battery full), now it is in connection with computer.

#### 3) Few seconds later, 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 disconnect the sunglasses according to the PC requirement.

#### 6) Compatible with Windows 2000, Windows XP, Windows Vista, Windows 7, Mac OS X 10.5.2, etc.

#### PC camera

#### 1) Make sure the sunglasses is power off (please turn it off first, if it is on), and connect the video sunglasses to computer. Few seconds later, U disk icon appears on computer screen.

#### 2) Please press button S2, it will automatically exit the U disk mode, and enter PC camera mode.

#### Recharge

#### Please power on the video sunglasses first. To capture, short press S1, and you will hear a sound feedback from earphones

#### Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

#### ● Under standby mode, long press S2 to start recording video,

### Pair with remote-control

#### 1) Please turn on video sunglasses first, red LED lights up.

#### 2) Please press button S2 immediately right after the red LED is on, until blue and yellow LEDs stop flashing. Pairing completed.

#### 3) Short press S3 button on the remote control, till blue and yellow LEDs stop flashing. Pairing completed.

#### 4) Once you have paired the remote with your sunglasses, 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 video sunglasses is already successfully paired with remote control. To avoid any unexpected situation, we do not recommend pairing with other remote control or pair again by yourself.

#### Reset

#### In case the video sunglasses is not working well or down due to external disturbance or any unexpected situation, please reset the sunglasses by long pressing buttons of S1 and S2 at the same time till all LED lights off. Please turn on the sunglasses again for

#### operation. After reset