

PHILIPS

VideoTracer

音视频记录仪

DSJ-6J

使用手册

User manual



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1 Welcome

Welcome to the world of Philips! We are honored by your choice and purchase of Philips' products. You can have Philips' comprehensive technical supports from our website, e.g. user's manuals, software downloading and warranty information etc.
www.philips.com

1.1 Product features

- Instant voice recording: Simply press the Voice Recording button for the first time to record, and the second time to save recorded clips.
- Instant video recording: Simply press the Video Recording button for the first time to record, and the second time to save recorded clips.
- Instant playback: Under the preview interface, short press the Right button to play back the latest recording file.
- Super-wide angle lens to get a fuller picture.
- F1.6 super-wide angle lens with more charge to get a clearer picture.
- On-Screen Display function ensures that all videos and photos contain un-editable timing, product

serial number and user serial number that ensure legal validity of such evidence.

- Super long file name: All recorded video files contain information such as product serial number, recording time and user serial number, which ensure convenient data storage and retrieval.
- All recorded video files are automatically cut and saved to prevent data loss due to incorrect operation.
- External memory card supports 512G.
- High-definition speaker: Use high-quality speaker to give you a live feel during audio or video play.
- Record in a common MP3 format.
- Access to the audio file and data by using high-speed USB 2.0.
- It is able to be used as a large capacity USB storage device to ensure the maximum compatibility.
- The damper shaft back clip can be adjusted at any angle, which is flexible and reliable to wear.

2 Important Notice

2.1 Safety



Notice

- Protect the cables from being pinched, particularly at plugs.

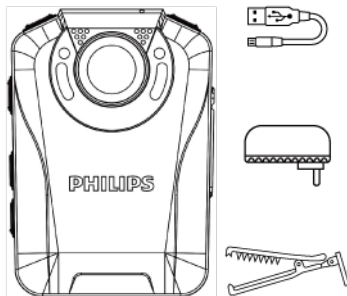


Warning

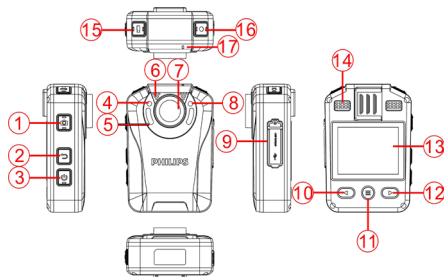
- Special Announcement: Before using the product, please read the Manual carefully. The Company shall not be held liable for any data loss due to incorrect manual operation or force majeure. We specially recommend that users make additional copies of the files in the device.
- Images are for reference only. Philips reserves the right to change the color/appearance/design/parameters/product functions without prior notice.

3 Your Audio/Video Recorder

3.1 What's in the box:



3.2 Overview:



- | | |
|--|--------------------------|
| ① Photo button | ⑩ Left |
| ② Return button | ⑪ Menu button |
| ③ Power button | ⑫ Right |
| ④ Additional light | ⑬ Screen |
| ⑤ Infrared light | ⑭ Loudspeaker |
| ⑥ Microphone | ⑮ Video recording button |
| ⑦ Camera | ⑯ Recording button |
| ⑧ LDR | ⑰ Working indicator |
| ⑨ USB interface / TF card socket / Reset | |

4 Start to Use

4.1 Turn ON/OFF

Notice

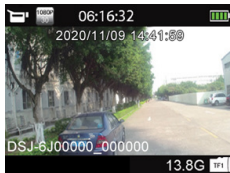
- Please recharge the device for three hours before using it for the first time!

During shutdown mode, long press Turn ON button for 3 seconds, and the device will be turned on, showing the Philips logo, as shown below:



Then the device enters the preview interface, as shown in the figure below. In the preview state, the working indicator lights up in green. On this interface, press the menu button and the device returns to the setting

interface. Long press '◀' or '▶' to zoom in or out on the preview interface for digital zoom.



Reminder

- This device is powered by a non-removable lithium battery. If you do not use the audio and video recorder for a long time, long press the power button for 3 seconds to turn off the device.
- If the record does not work properly, please check if the device is out of power.
- During the operation please do not pull out the external memory card. Otherwise, damage might be caused to the files or the device.
- When the battery sign shows this '🔋', please charge your device in time.

4.2 Charging methods

- (1) Use USB cable to connect the device with PC, the indicator will show green light during charging.
- (2) Use USB cable and the connector to charge the device. The device indicator will show green light first, which will be extinguished after the device is fully charged.



Reminder

- Normally, the device can be charged either during ON or OFF mode. (we recommend that you use OFF mode charging).



Reminder

- When the file are moved from the PC to the VideoTracer, please do not disconnect the device from the PC.

4.3 Connecting to computer

The recorder can be used as a large-volume USB storage device, which can be connected to the computer. The icon of connecting to computer is shown in the figure below.

5 Video Recording

When you use the recorder for the first time, please pay attention to the requirements in this section!

- (1) Short press the Video button to start the video recording. The device makes the sound of 'tick' and the status indicator will flash in red.
- (2) Press the Video button again to end the recording. The device 'tick' for two times, the red indicator light goes out, the device returns to the camera preview interface, and the status indicator lights up in green.
- (3) Long press '◀' or '▶' on the preview interface to zoom in or out on the preview interface for digital zoom.
- (4) When recording in dark or dim light, long press Recording Button to turn on the illumination light.
- (5) Press the 'Photo' button to capture the current recording screen.
- (6) Long press the photo button during video recording. The file will be marked as important file, and the marked file will not be deleted when the loop video files are turned up.
- (7) In the preview interface, short press the Right button to play back the file. The reference video recording interface is shown below:



Recording Interface Illustration



- ① Recording resolution
- ② Video icon
- ③ System current date and time
- ④ ID watermark
- ⑤ Recording mode

- ⑥ Video duration
- ⑦ Battery
- ⑧ System time
- ⑨ Remaining card capacity
- ⑩ Card icon



Notice

- When the battery icon is showing empty, it means low on battery. When the low battery icon occurs, the system will automatically shut down. If you are recording, the system will automatically save the recorded files then shut down. In case of low battery, please charge your device timely. During low battery, the device gives you 'Low Battery' notice as shown below.



Reminder

- Before recording, please adjust the recording parameters first.
- Please delete some unnecessary files before recording.

6 Photo

When you use the device for photo taking for the first time, please read the instructions in this section! In the camera preview state, directly press the camera button to take a photo. In the state of photo taking, the red indicator lights on, and the device makes a sound of 'beep'. In the dark night or in a dark environment, the device additional light needs to be turned on for shooting (Additional light: In the preview interface, long press the recording button to turn on the additional light, then long press to turn off it. The light icon will be displayed in the upper left corner of the preview interface after the additional light is turned on, as shown in Figure 2). In the video recording state, press the camera button to capture the picture at the time. The interface of which is shown as Figure 1.



Figure 1

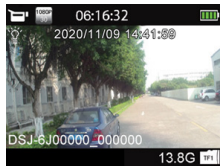


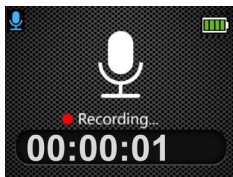
Figure 2

7 Voice Recording

When you use the device for audio recording for the first time, please read the instructions in this section!

- (1) Short press the 'Voice button' in the video preview state to start recording; the working indicator lights on in yellow; please point the built-in microphone to the voice source.
- (2) Short press the 'Voice' button again to end the recording and return to the preview interface.
- (3) In the preview interface, short press the Right button to play back the file.
- (4) Long press the 'Voice button' to open the additional light, long press again to close.

The recording interface is shown below:



Audio recording interface



- ① Recording status
- ② Current recording duration
- ③ Battery status

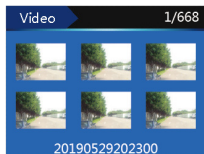


Reminder

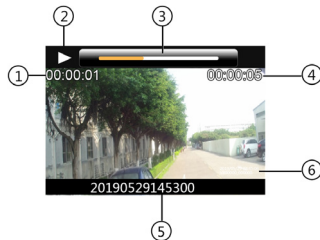
- Before recording, please adjust the desired recording sensitivity.
- Please delete some unnecessary files before recording.
- Please test the voice recording first to confirm that the audio and video recorder settings are correct.
- Do not pull out the memory card during audio/video recording mode. Otherwise, damage might be caused to the files.
- Do not cut off power during audio/video recording mode. Otherwise, damage might be caused to the recorder and the files might be lost or damaged.
- If you intend to use the device for a long period of time, please charge the device before recording.

8 Video Mode

On the camera preview status interface, we can use the '◀' button to enter the review playback interface, press '◀' or '▶' to select the video option, and then press the menu button to confirm the video file list interface. The video file list reference interface is shown below:



Press '◀' or '▶' to select the video file. Press the menu button to enter the video playback interface. The video playback reference interface is as shown below:



The deletion of the file can be done by connecting to a computer.

Recorded File Playing Illustration:

- | | |
|----------------------|---------------------|
| ① Current duration | ④ Total file length |
| ② Current play state | ⑤ File name |
| ③ Progress bar | ⑥ ID watermark |

8.1 Video playing

- (1) Press '◀' or '▶' to select the file you need to play.
- (2) Press the 'Menu' button to start playback, and the working indicator will light on in green.
- (3) During playback, press the 'Menu' button to pause playback, press the 'Menu' button again, and the playback will return to the previous position.
- (4) Press '◀' or '▶' during playback to select 2 times, 4 times, 8 times, 16 times, 32 times, 64 times, 128 times to fast backward or fast forward the currently playing file.

9 Photo Mode

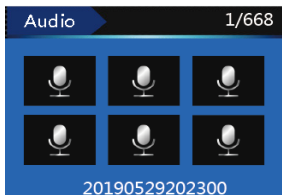
In the camera preview status interface, the '◀' button can be used to enter the review playback interface. Press '◀' or '▶' button to select the camera option, then press the menu button to enter the camera file list interface. The camera file list reference interface is shown below:



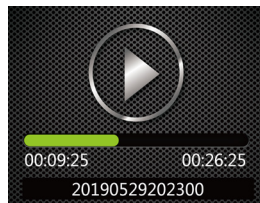
Press '◀' or '▶' button to select the photo file to be played; press the menu button to enter the photo browsing state, press '◀' or '▶' to switch the photo.

10 Audio Mode

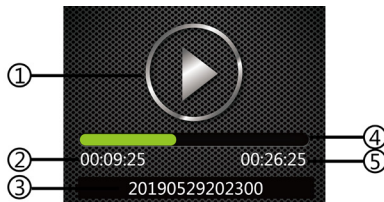
In the camera preview state, you can use the '◀' button to enter the review playback interface, press the '◀' or '▶' button to select the voice recording option, and then press the menu button to enter the voice file list interface. The voice file list reference interface is as shown below:



Press the '◀' or '▶' button to select the audio file to be played; press the menu button to enter the voice playback interface. The voice playback reference interface is as shown below:



Audio File Playing Interface Illustration:



- ① Current play state
- ② Current play time
- ③ File name

- ④ Play progress bar
- ⑤ File name
- ⑥ Total file length

10.1 Audio play

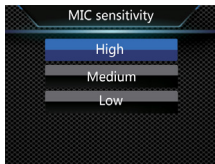
- (1) Press '◀' or '▶' button to select the file you want to play.
- (2) Press the 'Menu' button to start playback, the working indicator will light on in green.
- (3) During playback, press the menu button to pause playback and press the menu button again to resume playback.

11 Setting Mode

Press the menu button in the camera preview status interface, the system will enter the setting interface. System settings include: voice recording setting, video recording setting, camera setting and system setting. Press the '◀' or '▶' button to select and press the menu button to enter the selected option.

11.1 Voice recording

Press 'Menu' to enter the setting mode, press '◀' or '▶' to select the voice recording setting menu, press 'Menu' to select, and the options of high, medium and low will pop up. Select different levels of microphone sensitivity to achieve different recording effects.



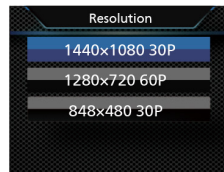
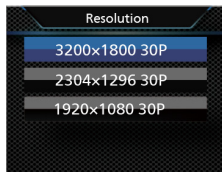
11.2 Recording setting

The video settings menu includes: resolution, video quality, video pre-recording, video delay recording. Press '◀' or '▶' to select the option you want to set, and then press the menu button to enter.

11.2.1 Resolution

Video resolution have several levels to choose. Different video resolution options can meet the requirements in most application occasions. Press '◀' or '▶' to select appropriate resolution. Press the menu button when the selection is completed.

The reference interface is shown below:



11.2.2 Video quality

There are three quality options to choose from on the Video Quality menu: 'Highres', 'Good', 'Normal'. According to different needs, different quality effects are selected. The better the video quality, the larger the memory occupied by the same video length.

11.2.3 Video pre-recording

Apply the video pre-recording function to start the recording around the first ten seconds, before the record button is activated. The video pre-recording has two options: off and on. Press '◀' or '▶' to select, and press the menu button to confirm. Pre-recording time: about 16 seconds.

11.2.4 Delayed recording

Apply the delayed recording function to continue the recording for a certain time after pushing the button to save the recording. There are five options for delayed recording: setting off, 5 sec, 10 sec, 20 min, 30 min. Press '◀' or '▶' to select and press the menu

button to confirm after the selection is completed.

11.3 Photo setting

The photo settings menu includes: photo size, photo quality, and continuous shooting. Press '◀' or '▶' to select the option you want, and then press the menu button to enter.

11.3.1 Photo size

The sizes of the photos have several levels to choose. Press '◀' or '▶' to select the appropriate resolution. After the selection is completed, press the menu button to confirm. The reference interface is shown below:



11.3.2 Photo quality

There are three quality options to choose from on the Photo Quality menu: 'Highres', 'Good', 'Normal'. According to different needs, different quality effects are selected. The better the picture quality, the larger the memory occupied by the photo.

11.3.3 Continuous shooting

Continuous shooting means press the photo button to take photos during preview or recording mode. On the camera setting menu, select 'Continuous Shooting' and press the menu button to enter. Press '◀' or '▶' to select. Press the menu button to confirm after the selection is completed.

11.4 System setting

System settings menu includes: language, default settings, screen brightness, system time, auto power off, auto screen off, volume, car mode, loop video, car recording, segmented video, button tone, indicator light, infrared switch, voice broadcast, plenary broadcast, motion detection, exposure compensation, ID

number and system information. Press '◀' or '▶' to select the option you want to set, and then press the menu button to enter.

11.4.1 Language

In the language selection menu, you can select a language as the system language. The reference interface of language selection is as follow:



11.4.2 Default settings

Apply the function to reset the device's setting options.

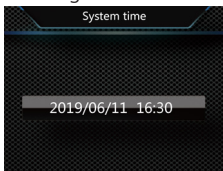
11.4.3 Brightness

When you want to use this function, you can adjust the brightness of the screen. The screen brightness can be

set to three levels: high, medium and low. Press '◀' or '▶' to select the appropriate option. Press the menu button to confirm after the selection is completed.

12.4.4 System time

The system time setting interface is as shown below:



On this interface, press the menu button and '◀' or '▶' to set the real time. Press '◀' or '▶' to change the value. Press the menu button to confirm after the selection is completed.

11.4.5 Auto off

If there is no operation on the device, the VideoTracer automatically shuts down after a certain period of time. The interface looks like following:



11.4.6 Auto screen off

There are four options for the auto screen off time: Off, 30 seconds, 1 minute, 3 minutes. If no operation is done to the device within the given time, the screen will black out. If 'Off' is selected, the display will be constantly lit.

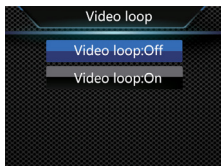
11.4.7 Volume

When you use this function, you can adjust the volume of the device.

The volume setting can be selected from 11 values between 0 and 10. Press '◀' or '▶' to select the appropriate volume value. After the selection is completed, press the menu button to confirm.

11.4.8 Loop video

On the video settings menu, select 'Loop video' and press the menu button to enter. Press '◀' or '▶' to choose from the two options: off and on. After the selection is completed, press the menu button to confirm. The reference interface is shown below:



11.4.9 Car recording

When the function is used, you can choose whether you want to record the sound inside the car.

11.4.10 Segmented video

The segmented video has six levels: 1 minute, 5 minutes, 10 minutes, 15 minutes, 20 minutes, and 30

minutes. During the recording process, the segmented video automatically saves the video file in segments and automatically switches to the next video recording.

The video segmentation function reference interface is shown below :



11.4.11 Key sound

When the function is used, there will be an audible prompt for button operation.

11.4.12 Indicator light

When the function is used, you can turn on or off the status indicator as needed.

11.4.13 Infrared switch

When the function is used, select to turn on the infrared light manually or automatically.

11.4.14 Voice broadcast

Turn on the function, it will prompt the voice broadcast for the specified operation.

11.4.15 Plenary broadcast

Turn on the function, it will prompt the voice broadcast for the whole time.

11.4.16 Motion detection

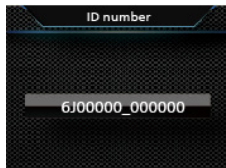
In the standby state, the audio and video recorder automatically turns on the recording function after an object enters the shooting range of the audio and video recorder. After the object leaves the shooting range, the recording function ends and the recording file is saved. The motion detection function setting can be selected: off / on.

11.4.17 Exposure compensation

Exposure compensation is an exposure control method that compensates for brighter or darker shots. You can adjust the brightness of your photos to create unique visual effects according to your own needs. The exposure compensation setting can be selected from 13 values between -2.0 and +2.0. Press '◀' or '▶' to select the appropriate value. When the selection is completed, press the menu button to confirm.

12.4.18 ID number

ID number setting interface is as shown below:



On this interface, press the menu button and '◀' or '▶',

to set the device number and user number. Press '◀' or '▶' to change the corresponding position value, and press the menu key to confirm.

11.4.19 System information

The system information menu includes: total storage capacity, available space, available video time, available audio time, battery power and version number.

Total storage capacity: local memory size information.

Available space: remaining space information.

Available video time: the time length for the current video recording resolution.

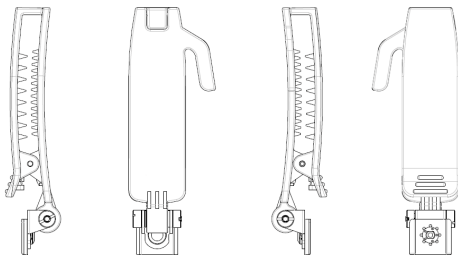
Available audio time: the time length for the current audio recording type.

Battery level: current battery level information.

Version number: Firmware version information.

12 Mounting of Shoulder Clip

- ① When mounting the shoulder clip, introduce the R of the clip into the main slot, and then slowly push it until the top of the clip reaches the bottom of the slot.
- ② When removing the shoulder clip, hold it with one hand, hold the device body with the other hand and hold the clip. Gently pull it out. It is as shown below:



Pull out the clip in the opposite direction and pull it out with the upward force.

13 FAQ

This section has listed all the frequently asked questions to help you address the simple issues during use of the voice/video recorder. If such issues persist, please consult our dealers or visit our official website: www.philips.com/support

13.1 Unable to start audio and video recorder

The batter has run out and you need to charge your device.

13.2 Incorrect time/date

The audio and video recorder time is not accurate, and please reset the time on the menu.

13.3 Unclear image

Unclean lens has caused it. Please use clean cloth to clean it.

13.4 Fail to record audio/video

The internal storage of audio/video recorder has run out and no recycling shooting mode has been turned on. Please delete some of the files or transfer such files to external storage device.

13.5 Unable to play audio or video files

The batter is used up, please charge your device.

13.6 How to respond to recorder failure

Sometimes you will encounter in the operation the problems such as failure to power on or black screen, etc. The usual processing method is to reset it. The position of the reset button: open the USB cover, and you'll find a small hole in the slot; use tweezers or pointed item to click on the hole.

Note: This operation will not cause original file data loss or destruction.

14 Technical Parameters

Temperature: -30℃ ~55℃

Air humidity: 10% – 90%, non-condensing

14.1 Memory

Recording time reference(16GB): about 270 hours

Type of Internal Storage: C10 TF card

Mobile storage device (PC): Yes

14.2 Dimensions and weight

Width × Height × Depth: 56×83×25 (mm)

Weight (with battery): 128g (without back clip)

14.3 PC interface

Operating System: Windows 7,8,10, Mac OS X

Port: USB

14.4 Voice recording

Mono: The bit rate is 128kbps, and the format is MP3

14.5 Operating conditions

Warranty card

1

year warranty

Type: DSJ-6J

Serial nr:

Date of purchase

Dealer's name, address and signature

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