



User manual

Forward

Thank you for using our company's digital voice recorder.

For the purpose to familiarize yourself with the operating of this device as soon as possible , we have included a detail user manual with the unit. Inside the manual includes information on product introduction, usage, system setup and safety precautions. Prior to using the product , be sure to carefully read all the information provided. This will help you to make better use of this product.

We are very careful and precise when writing this manual ,hence, the information provided in the manual is accurate. If omissions are found, please understand

and we welcome your suggestions.

If you find any problems during the use of the product , Please contact us promptly, thank you for your cooperation!(The image shown here is indicative only. If there is inconsistency between the image and the actual product, the actual product shall govern).

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Part 1:Prior to Use

1. Product Features

- All-directional microphone recording using professional recording DSP chip, built-in digital noise reduction technology;
- Exquisite designed pen. Design with dual functions

(Recording/Writing)

- Single key to start recording and save. Quick and convenient.
- All-metal using stainless steel, CNC machining, paint process design, Sensational feeling, durable;
- Recording time setting function (time stamp), suitable for learning and recording, and supports MP3 music playback;
- Independent VOR voice-activated recording, toggle switch to saves power and memory space effectively.
- VOR voice recording files and ordinary recording files classification storage function to facilitate later search;
- USB charging / headset combo interface design, automatic recognition of the headphone jack;
- Hidden indicator function, independent color indication on play / record/ open sound control;
- Recording files can be deleted on this unit;
- Lossless WAV recording format, high quality PCM recording up to (192Kbps)
- Intelligent power detection, automatically save the recording file before the power is depleted;

2. Annex

This product includes the following device and accessories. If they are missing at the time of purchase, please contact your local dealer.

1. Main Device	1 Unit
2. Product Manual	1 Unit
3. Headset	1 Unit
4. Special USB Cable	1 Unit
5. Pen refills	2 Unit

Note: The above attachments are subject to change, please refer to product package for accurate information.

3. Product Safety Information

WARNING: Failure to follow these safety instructions may result in injury and danger!

- o Do not drop or violently collide the device as this may result in serious damage or malfunction.

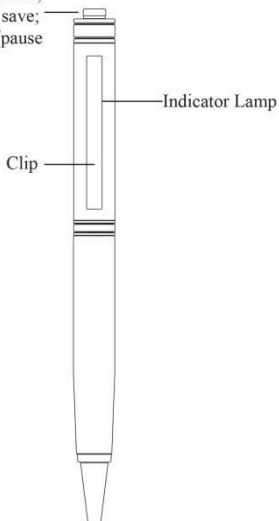
- o Do not open or disassemble this device, there is no need to maintain the parts inside the device.

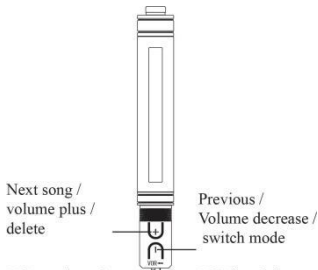
- o This product should not be used in humid and hot environment, do not put this product into the water or any liquid, do not expose this product to sunlight and do not put this product into the fire or waste bin, the battery will cause explosion and ignite a fire.

- o if the product is unused for a long period, please charge it every 3 months, and then discharge once.

4. Product Illustration and function

Power on/off;
record / save;
playing/pause





Indicator lamp description:

1. Switch On: Light red and blue light ;
2. Switch Off: Red light and blue light flash at the same time and then off;
3. Record:Flashing red light;
4. Play:Long blue light;
5. Low Battery: Shut down when the blue light and

red light flash at the same time ;

6.Charging: long red light when charging, red light is off when full;


(Note: For the first time using, please connect the device to Windows PC to fix the system time.)

(Play the files only via Windows Media Player in PC.)

(For Mac PC playing, only support VLC Media Player.)

Part 2: Recording Function

1. Switch On

	<p>(Press the top button to low position)</p>	<p>(After the long blue and red light go out, the red light flashes 3 times into the recording. In the process of recording, the red light flashes every three seconds)</p>	<p>(In the process of recording, long press the "-" button to learn the remaining memory)</p>
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2. Switch Off



Press the top spring switch to rebound to high level, save and close the voice recorder.

(After the red light flashes 3 times, blue and red light flash 8 times at the same time, the file is saved successfully and device is turned off automatically.)



Charging: When charging, the charge indicator light will flash. The 4 indicators mean the 4 different stage of remaining power (25%, 50%, 75%, 100%, respectively)

(In recording process, long press the "+" button to learn the remaining battery. Please charge when 25% indicator is on.)

3. Built-in microphone recording

When the device is switched on without the headset inserted, the red light flashing means it is currently recording. The recording file is named REC0001.WAV; the voice activated recording file is named after VOR0001.WAV; (Note: If the recording state blinks red for 10 times, it indicates that the memory is Full. The maximum number of recording files the device supports is 9999.)

4. Stop Recording



In the recording state, press the top spring switch to rebound back to high level. Save the current recording and switch off the voice recorder.

5. Voice activated recording

Turn the toggle switch to the VOR position for voice mode, the red orange light flashes alternately and the voice control begins to work. Voice mode: Voice activated boot recording. When the outside sound reaches -60DB , the system will automatically boot into the recording state, if the sound detected is less than -60DB after 20 seconds, the system will automatically save the recording file and shut down.

(Note: the top spring switch is not the main switch. You cannot switch off the voice control function.)

6. Time Setting

Insert the dedicated USB cable into the PC's USB port and enter the USB disk mode. In the local disk, there is a "Time.exe" that comes with the program. Double-click the "Time.exe" Synchronize with the computer clock.

Note: You can refer to the description of the README file.

Part 3: File Management and Playback

1. Delete Document

When the earphone is playing, press the top spring switch to rebound to high level to enter the pause state, press "+" key twice to enter the delete state; press the "+" key twice to delete the current file, press the "+" key three times to delete all files in the current mode. (Red light and blue light will have long bright after entering the delete mode. During deletion, the red light and blue light will be off. When the deletion is completed, the blue light

flashes and then goes off.

(Note: Please backup your file as it is impossible to recover after delete. It takes longer if there is a large number of documents to be deleted; After all the deletion of document is completed, plug in the ear phone; and there is a red light up for 5 seconds long, the blue light will light up for 3 seconds long. After that, the blue light flashes and then goes out.

2. Play/Pause

While inserting the headset to play the recorded file, press the spring switch at the top to rebound at high level to enter the pause state. During the pause state, if no action is taken within 30 seconds,

the device will shut down automatically. Unplug the headset during this mode to switch off. During pausing, press the top spring switch to the low position to enter the playback state.

3. Sound Level Adjustment

Under the play state of the headphone, long press “+” key to increase the volume, long press “-” key to reduce the volume.

4. Previous/Next

In the play state of the headset, short press “+” key to go to the next one, short press “-” key to go to the previous one;

5. Music file/ Switch recording file



Under the play state of the plug in headphone, press the spring at the top first to rebound back to the high level, and then press “-” continuously for 2 times to switch back and forth from MP3 Play/record.

Part 4 : Connecting to computer

1 Connect with computer

In order to be able to download and upload files from the computer, connect the PC's USB port and the unit using the supplied USB cable, and the unit will be automatically power on when connected.

In the first connection , the computer will prompt information like creating a new information database or finding new hardware . Then it can automatically detect the machine. At this point, the display will show the diagram like on the right hand side of the page to indicate the connection is successful



2 Upload and download files

When the driver letter appears under the Windows System, you can copy the recording file to your computer.

▾ Devices with Removable Storage (1)



3 Disconnect from computer

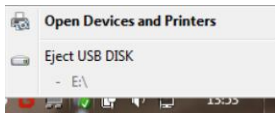
After the file transfer is completed, please close my computer or Explorer, and then unplug the cable as follows

For users using WINDOW 2000 and OS above WINDOW 2000, please follow the steps as shown below :

- Click the green arrow in the lower right corner of the computer.



- Click **Stop USB Disk -driver**.



- After the Safely Remove Hardware dialog box appears, click OK to unplug the USB cable.



! Reference: The tip image of different operating system are slightly different, the above is for reference only.

4 Battery and Charging

The device has built-in lithium battery. You can connect the computer through a random USB cable to charge the device. Long bright red

light happens when charging. When it is fully charged, red light goes out. The built-in lithium battery is fully charged in approximately 3 hours.

Note: If adapter is used for charging, please choose the maximum output of 5V, 1A charger.

5 Troubleshooting

- **The recording pen indicator does not blink after pressing the power button.**

Causes of failure and troubleshooting: Lithium battery has no electricity, please charge the lithium battery in time.

- **No Sound when playing the document.**

Cause of the failure and troubleshooting: volume is too small, adjust the volume; or there are

no music files in the recorder; use the correct file playback mode: when the plug headphones is in play state, press the top spring switch for it to rebound to its high position, and then press “-” key 2 times for MP3 playback / recording playback switch

➤ **Cannot transfer files after connection**

Causes of failure and troubleshooting: Your motherboard may not support the USB interface, you need to upgrade your motherboard driver.

➤ **Why it causes abnormal behavior to the computer sometimes when plug into the computer**

Cause of the failure and troubleshooting: It is mainly due to USB plugged during file transfer, it is recommended that users do not disconnect during file transfer, so as to avoid causing abnormal computer.

➤ **Why the total memory display in the recorder does not match the actual nominal value.**

The reason: mainly due to the need for some of the

memory space to store the program, and to display the font. Therefore, total memory is smaller than the actual nominal.

➤ **Why some MP3 songs cannot be played normally in the recorder.**

Causes of failure and troubleshooting: Strictly speaking, MP3 refers to the MPEG I Layer3 standard compressed music files, which is the vast majority of MP3 songs for this format. When you encounter an MP3 song format that is incompatible with your voice recorder, you can choose one of the following two measures: 1) Remove incompatible songs from the voice recorder to ensure proper operation of the recorder. 2) When using software self-compression, please select MPEG I Layer 3 encoding.

6 Technical Specification

Product Name	Pen-type recording pen
Storage	Built in 8G/16G/32G (Please refer to the actual product as standard)
Recording	16GBmemory can be recorded

Storage Period	continuously for 10800 minutes
Power Supply	Built-in Lithium Battery : 3.7V 110mAh
Microphone	Built-in Microphone: Omnidirectional Microphone
Signal to Noise Ratio	$\geq 80\text{dB}$
Support Audio Play format	WAV: 32Kbps~192Kbps MP3: 32Kbps~384Kbps WMA: 32Kbps~192Kbps
Recording Quality	192Kbps
Recording Format	WAV
Headphone output	Two-channel output
Recording Sampling Rate	48KHz
File System	FAT32
Operating Temperature	$-5^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Connection	3.5MM USB Interface

Method	
Transmission Interface	USB 2.0
Supported System	WINDOWS XP/VISTA/WINDOWS 10
Dimension (L × H)	145mm*12mm
Continuous Recording time	About 8 hours
Play Time	About 5 hours
Net weight	40grams (Please refer to the actual product as standard)