

Digital Voice Recorder

Manual - V53(EN)

Digital Voice Recorder

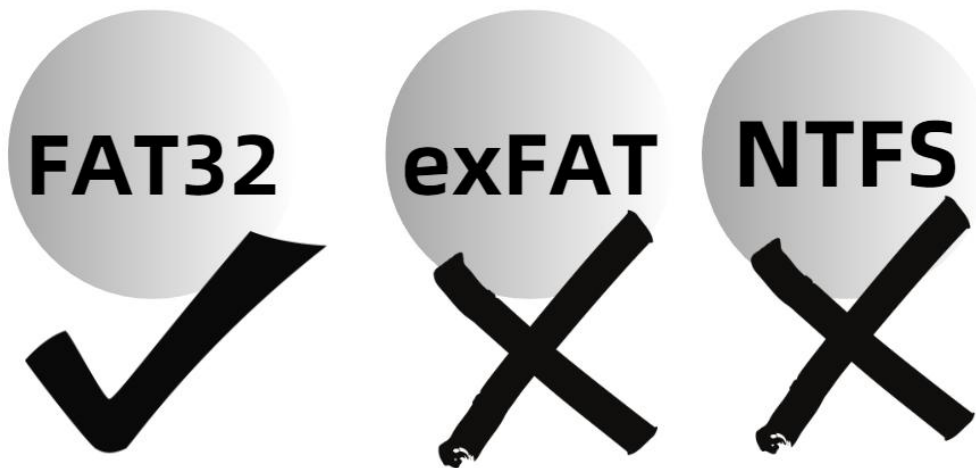
Please read carefully before using the voice recorder,
most problems can be avoided!



Due to the time lag of 8~12 hours, we will reply
as soon as possible within 24 hours of weekday.
Please understand. (✿◡◡)

Caution

Memory Format Support



Please do not format this machine on your computer: Its memory format only supports **FAT32**. Once it is formatted in exFAT/NTFS/APFS on your computer, the system will be not compatible and cause problems such as not working, not charging, not being recognized by your computer, etc.

If you have changed the memory to the wrong format accidentally, please contact us or Google:
How to convert memory to FAT32

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Thank you for purchasing this product!

Unlike plastic products, the V53 voice recorder is made of aluminum alloy and can be used for meetings, conferences, lectures, etc.

Once you receive it, you need to charge it fully, then set the correct time on your computer.

Also, to make an error-free recording, try recording. After recording/saving, connect headphones to listen to the recording file. Alternatively, you may want to connect the computer to play them back.

Thank you very much!!! Have a nice day :)

Best regards

V53 Customer Service

Attention

1. If there are important files stored in this device, please return to upload the file data in time to avoid loss;

2. Please use the product for study, interview, meeting, etc. within the scope of the law. Prohibit the use of this product in illegal behavior.

3. This product maintenance or data damage, the company does not assume any legal responsibility. It does not have the function of secretly intercepting or recording wired, verbal or electronic communications (i.e. eavesdropping or bugging).

4. It does not have the ability to be used to secretly intercept or record wired, oral or electronic communications (i.e., wiretapping or bugging).

Disclaimer: This product does not have any bluetooth connection, cannot be controlled by APP, cannot be connected by wifi, can only be stored in its own machine memory, and cannot be used for listening.

Please follow the law strictly.

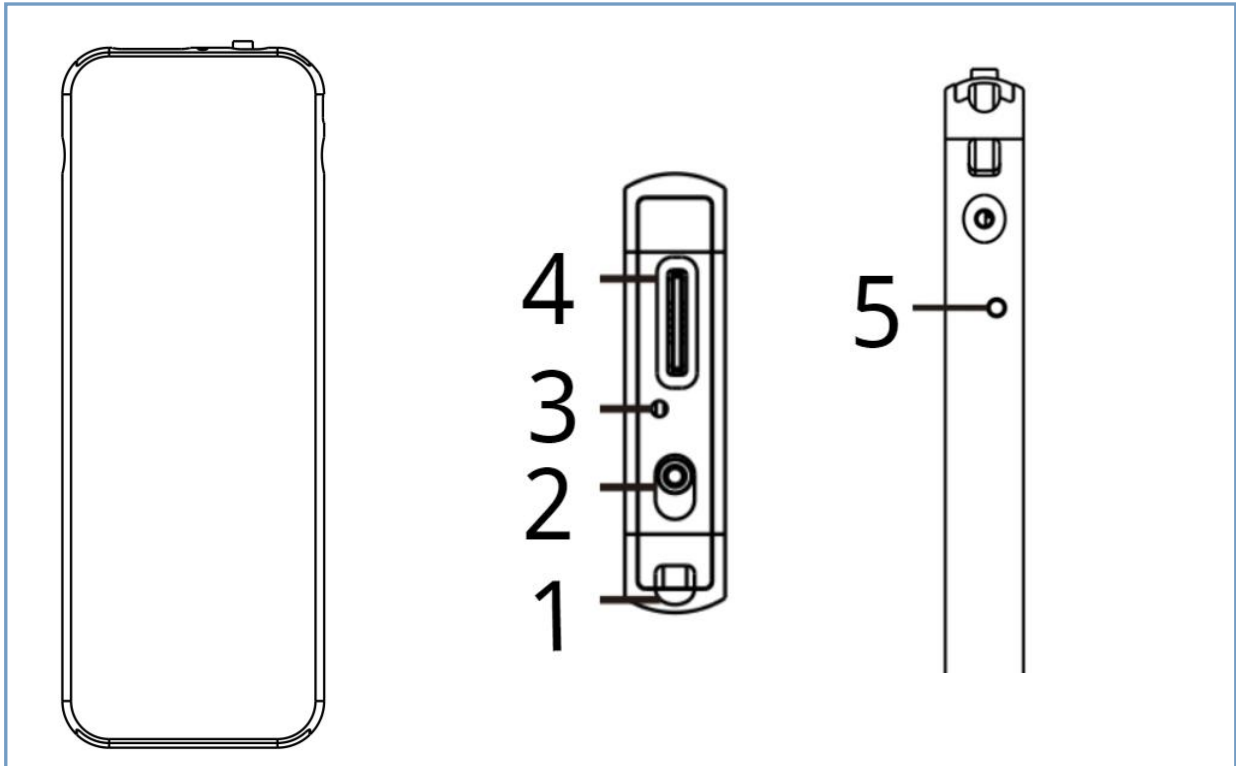


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1.Product description

1.1 Voice recorder



1. Lanyard hole

2. Power/ Recording button:

(ON) power on / record

(OFF) power off / save

3. Indicator light hole

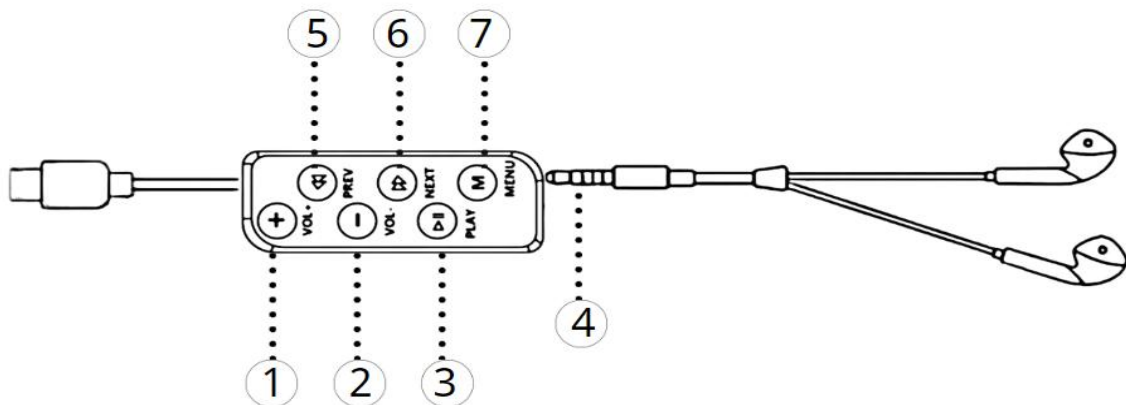
4. Type-C port/earphone jack

5. Reset: if the machine crashes, reset by it

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1.2 Wire control

This is a wire control, not the machine itself. Please look for it in the package. If lost, please contact us



- ①Volume + ②Volume -
- ③Play/Pause ④Headphone jack
- ⑤Previous song (short press)/Fast rewind (long press)
- ⑥Next song (short press)/Fast forward (long press)
- ⑦Switch button(Recording and mp3 music files in separate folders: press to switch between MP3 / recording files)

Note: *Fast forward/rewind only in the playing mode*

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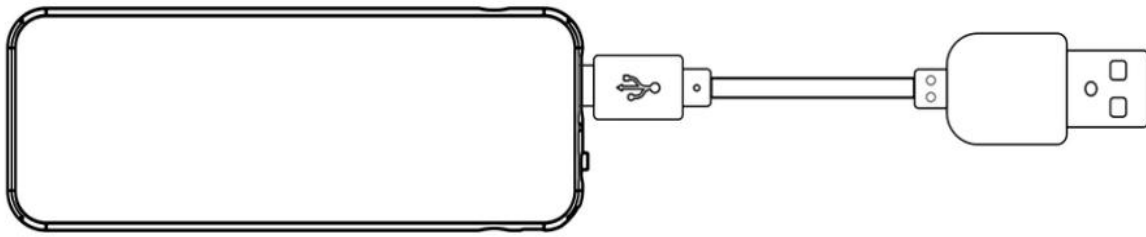
1.3 Indicator light

Turn on	Blue-red light on for 1 second, red light flashes 3 times
During recording	No indicator flashes
Turn off	The blue-red indicator flashes once
Charging	When charging, Blue-red light for one second, red light flashes three times, blue-red light for one second, then red light always on. When it is fully charged, the blue light is always on
Record while charging	When it is not fully charged, red light is always on. When it is fully charged, the blue light is always on
Low power	Blue-red light flashes three times then automatically shuts down
Earphone playback	Blue indicator flashes
Fast forward / Fast rewind	When playing, long press  to fast forward/fast rewind, the red indicator flashes rapidly

2.Steps to use

2.1 Charge first

Please charge it before use.



Charging time: 2.5 hours

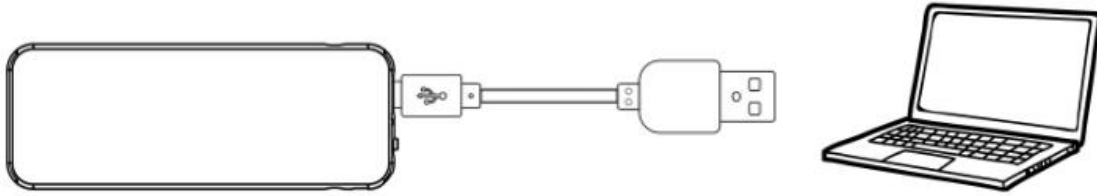


Red light stays on when charging, and blue light stays on after full charge.

Note:

- ① Turn off the power during charging
- ② Please use a **5V/1A** professional usb wall charger to charge. Charging directly on the computer is not recommended as it can be slow.
- ③ If the battery is used up after a long time without charging, you may need to re-synchronize the time of the recorder with the time of the computer.

2.2 Set the date-time on computer



Recording file names will be named with the date and time. So before recording, please connect to the computer to set the correct date-time.

For example, the recording file name is:
R20220607-093030.WAV

meaning: 07/06/2022, 09:30:30

Note:

① *Be sure to turn off the recorder before connecting to the computer. Do not press any buttons on the recorder when connecting, wait for 10s+.*

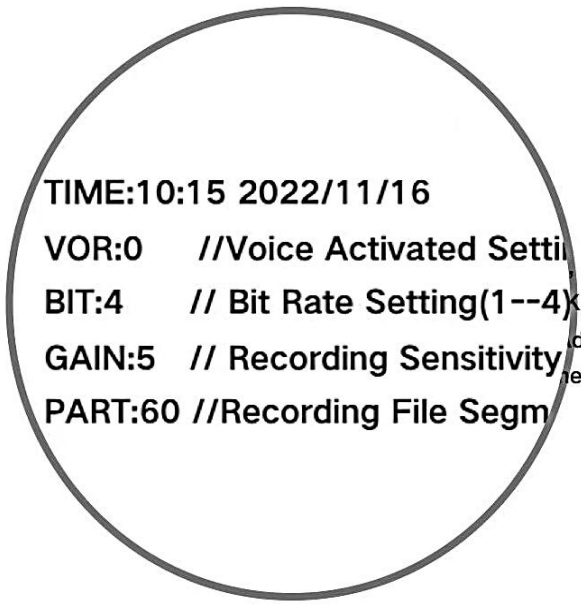
② *If you have accidentally deleted the [MRECSET] file, please contact us to send you the attachment.*

③ *When changing other parameters in the [MRECSET] file, be sure to change the latest date and time at the same time.*

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For Windows computers:

① Turn off recorder first, connect Windows computer and enter: [USB DISK] → [MRECSET]



TIME:10:15 2022/11/16
VOR:0 //Voice Activated Setting (0 is off, 1-7 is voice activated on. Advice 0)
BIT:4 // Bit Rate Setting (1--4K, 2 is 64K, 3 is 128K, 4 is 192K. Advice 4)
GAIN:5 // Recording Sensitivity (1-10, 1 is 100dB, 10 is 140dB. Advice 5)
PART:60 //Recording File Segment (10--240 minutes). Advice 60

② For example, If the correct date-time is: December 01, 2022 at 10:30

Modify and save the number after Time from **10:15 2022/11/16** to **10:30 2022/12/01**

(Do not change spaces and symbols other than Arabic numerals)

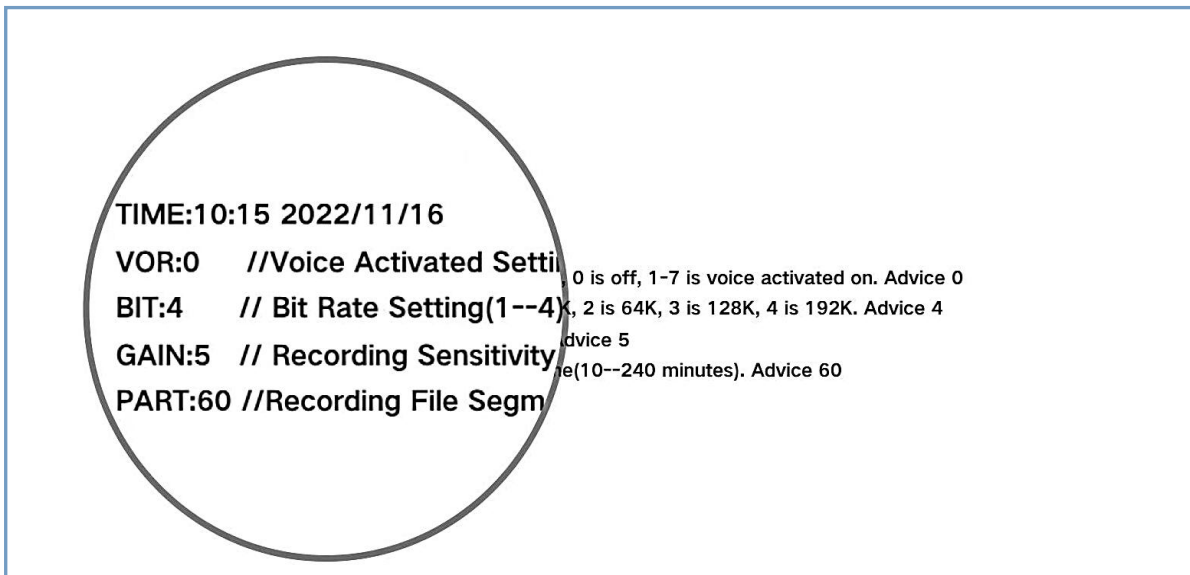
③ Disconnect from the computer and restart the recorder to take effect

(There is a video tutorial QR code in page 19)

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For Mac computers

① Turn off recorder first, connect Mac computer and enter: [USB DISK] → [MRECSET]



② Copy the [MRECSET] file to the Mac desktop and changes on the Mac desktop.

③ Save the file after completing the changes.

For example, If the correct date-time is: December 01, 2022 at 10:30

Modify and save the number after Time from **10:15 2022/11/16** to **10:30 2022/12/01**

(Do not change spaces and symbols other than Arabic numerals)

④ Move the original [MRECSET] file from the [USB DISK] to the Trash. Copy the modified [MRECSET] file to the USB DISK

⑤ Disconnect from the computer and restart the recorder to take effect.

(There is a video tutorial QR code in page 20)

2.3 One key recording/saving



(Record)ON ↔ OFF(Save)

💡💡

ON: Start recording - (Blue-red light on for 1 second, red light flashes 3 times)

OFF: Save the recording-(The Blue-red light flashes once)

No indicator light during recording

Note:

- ① *Do not connect the wire control or other devices during recording, otherwise it will interrupt the recording.*
- ② *Please let the sound source a little distance from the voice recorder for better voice quality, otherwise it is easy to produce popping sounds when the decibel is very high*

2.4 Voice activated record(VOR)

VOR:0	// Voice Activated Setting (0--7), 0 is off, 1-7 is voice activated on. Advice 0
-------	--



VOR:1	// Voice Activated Setting (0--7), 0 is off, 1-7 is voice activated on. Advice 0
-------	--

- ① Connect to the computer, double click on the [MRECSET] file
- ② Change the value between VOR colon (:) and double slashes (//) to 1 and save it
- ③ Make sure to slide the recording button on the recorder to "ON" to start recording in voice activated mode

Please Note:

- *We do not recommend using the voice activation for important occasions. As it may not start recording when the decibel level is too low*
- *If the recording file name starts with "V ", it indicates that the VOR setting has been successfully activated*

2.5 Recording while charging



When it is not fully charged, red light is always on. When it is fully charged, the blue light is always on

Correct steps :

If you turn it on first and then connect the USB wall charger to charge, it will charge and record at the same time.

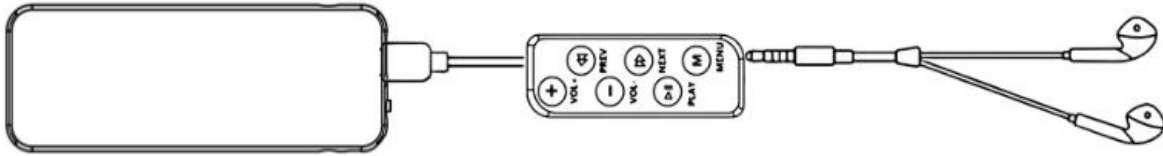
Wrong steps:

Open the recording after connecting the USB charger to charge, which will only charge and not continue recording.

Re-recording: unplug the charger and turn recording back on

Note: *Connecting any device (computer, wire control+earphone, cell phone, etc.) during recording will interrupt the recording.*

2.6 Listen by earphones



Connect the wire control and earphones, then turn on recorder, and the recorder will automatically playback the audio

During audio listening via headphones, if playback is paused with no other operation, it will automatically switch off after approximately 5 minutes. Please press the power button to switch it on again.

Note:

If the voice recorder does not play automatically, press [PLAY] key to start playing the audio.

2.7 Connect to computer to play



→ [USB DISK] → [RECORD]

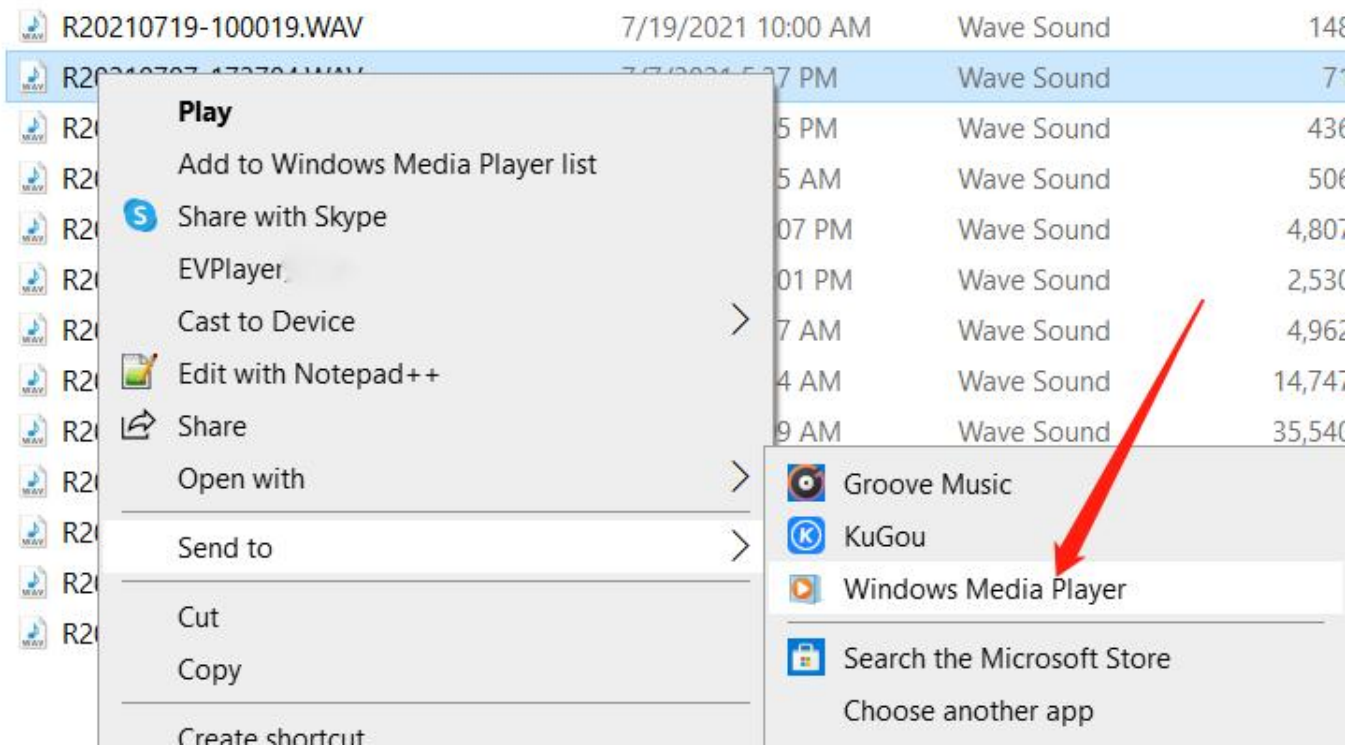
Make sure to switch off the recorder first before connecting to the computer. Do not press any buttons on the recorder while connecting. Wait a few seconds, then double click to open [USB DISK] - [RECORD] and select the file you want to play.

①On MAC computers: Can play directly

②On Windows computers: Need to use "Windows Media Player" or other players to play. (Because the recording format is "**WAV**", the GROOVE player that comes with Windows 10 computer system does not support the playback of WAV format.)

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Select [Windows Media Player] for playback:
[USB DISK]-[RECORD]-[Open with]-[Windows Media Player / QuickTimePlayer / Music / Audacity]



2.8 Connect to Android phone



→[File Management] →

[USB device] → [RECORD]

Check turn on the OTG function of your Android phone first, then connect the voice recorder in the off state with the OTG adapter (sold separately),

(Turn off the recorder without pressing any buttons), and find [File Management] → [USB Device] → [RECORD] on your phone

***Note:** Since each Android device model is different, we can't guarantee that all devices can be connected via OTG!*

2.9 If the connection to computer/phone fails?

1). Before connecting the recorder to a computer/phone, **turn off the recorder**. When connect, please place the recorder **smoothly, do not press any buttons**.

2). **Try to wait longer: 20 ~ 30 seconds** (because the computer system and driver version by itself, the reading of large memory also takes a while)

3). Please use the original USB cable or a data cable that can be used to transfer data (some data cables can only be used for charging).

4). Restart the computer/phone or recorder

5). If the cable in the package does not connect successfully, please connect with a different cable to rule out cable problems.

6). The computer lacks drivers causing it to not recognize any devices, please Google: download computer drivers

7). Android Phone:

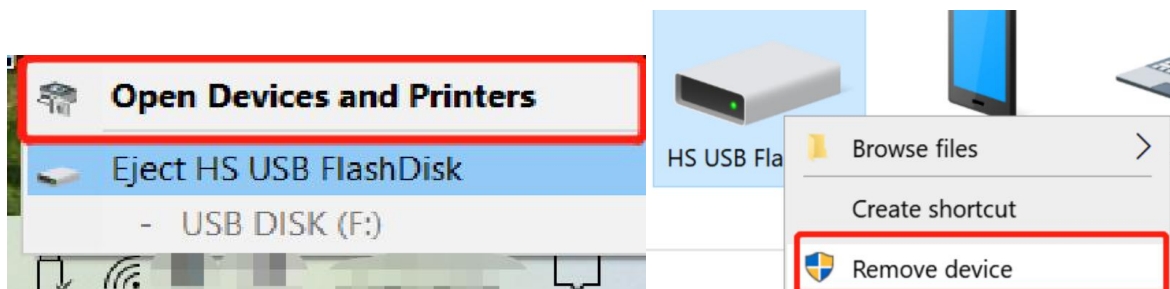
Make sure the OTG function is turned on.
[Settings] - Searching for "OTG or USB", turn on

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the OTG function and allow other devices to connect. (As each Android device model is different, you can Google search or ask the phone manufacturer for the exact method to turn on the OTG function)

8). PC:

- (1) MAC user: please replace the USB-C adapter
- (2) Change the computer to change the connection port and try again
- (3) Check if the USB DISK identifier appears on my computer. Click "**USB Disk Identifier**" in the lower right corner of the desktop - [Open Devices and Printers] - [Devices] - right click [HS USB FlashDisk] - [Remove Device] and then connect to the computer.

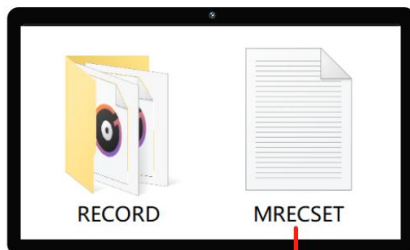


3. Settings([MRECSET])

3.1 Route

Be sure to turn off the recorder before connecting to the computer. Do not press any buttons on the recorder when connecting, wait a few seconds.

ROUTE: [USB DISK] → [MRECSET]



TIME:10:15 2022/11/16

VOR:0 //Voice Activated Setting

BIT:4 // Bit Rate Setting(1--4)

GAIN:5 // Recording Sensitivity

PART:60 //Recording File Segment

0 is off, 1-7 is voice activated on. Advice 0

1 is 32K, 2 is 64K, 3 is 128K, 4 is 192K. Advice 4

Advice 5

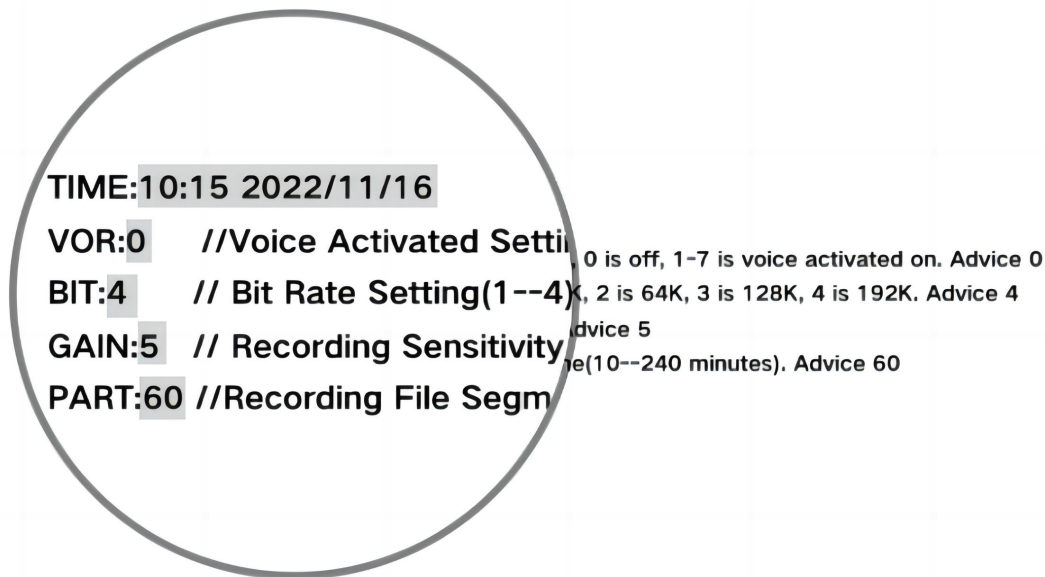
10--240 minutes). Advice 60

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Note: ① *The above parameters are the best parameters obtained from the test, so do not change them except for the TIME.*

② *Do not delete the [MRECSET] file. After deletion, all parameters will return to factory settings.*

3.2 How to set on Windows/Mac PC?



On windows computer: You can only modify the numbers in the gray box. Click save, and then restart the recorder to finish the setting easily. (Please do not modify the other numbers outside the gray box, or it may not work)



**Video tutorials for setting
Windows computer**

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On MAC computer: Copy the entire [MRECSET] file to the desktop, modify and save the parameters in the desktop [MRECSET] file and put it back into the recorder. (You can only modify the numbers in the gray box.)

Delete the old [MRECSET] file from the recorder. Finally restart the recorder and it will take effect. (Only the numbers in the gray boxes can be changed, please do not use any other numbers, otherwise it may not work).

(Mac users can refer to page 7)



**Video tutorials for setting
Mac computer**

3.3 Explanation

①TIME(Date&Time Setting)

This is date-time settings, After setup, the recording file name will be named with date and time.

Please refer to Catalog 2.2 (Page 5~7) for time setting.

②VOR(Voice Activation)

VOR:0	// Voice Activated Setting (0--7), 0 is off, 1-7 is voice activated on. Advice 0
-------	--

Modifiable digital range: 0~7, default: 0

0: Turned off voice activation (factory default)

1~7: Means turn on voice activation.

●If you need to turn on the voice activation, it is recommended to set the number to 1 or 2 .

●The smaller the number, the higher the decibel value required to activate the recording; conversely, a low decibel value will activate the recorder and may record noise.

●When voice activation is turned on, slide the

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recorder's recording button to ON, which will record in voice activated mode.

- Do not use voice activation on important occasions, and it will not record when the sound decibel is too low, so as not to possibly miss important recordings.

- If you cannot record after turning on voice activation, please turn off voice activation.

Q: How to judge the voice activation function is on?

A: If the recording file name starts with "V", it means the Vor setting has been successfully turned on. For example:
V20200630-013747.WAV

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③BIT(Bit Rate)

BIT:4	//Bit Rate Setting(1--4), 1 is 32K, 2 is 64K, 3 is 128K, 4 is 192K. Advice 4
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Modifiable digital range: 1~4, default: 4

- The higher the bit rate, the more memory and power it consumes.*
- Only 4 (192kbps) is recommended, not recommended to change it.*

④GAIN(Recording Sensitivity)

GAIN:5	// Recording Sensitivity (1--7). Advice 5
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Modifiable digital range: 1~7, default: 5

- The default setting is 5, which is not recommended to be changed.*
- The larger the number, the higher the sensitivity and the greater the background noise of the recording.*
- If set to 1, the sensitivity level is too low and some recordings will be missed, and if set to 7, the sensitivity level is too high, resulting in capturing very fine sounds and thus noise*

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⑤PART(Segment Recording)

PART:60	//Recording File Segmented Time(10--240 minutes). Advice 60
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Modifiable digital range: 10~240, default: 60

60: By default 60 , the recorder automatically saves every 1 hours for data protection

10~240: 10~240 minutes

- This feature allows you to split large files or files with long recording times, making them easier to manage.*
- Default 1 hours split once, change the number to change the split length (can be changed between 10-240). Example. 120 - 2 hours; 60 - 1 hour.*
- After splitting, unnecessary files can be deleted to save memory.*

4.Specifications

Dimensions	75*28*6mm/ 3*1.1*0.2in
Weight	22g/0.8oz (The actual shall prevail)
Battery capacity	400 mAh
Battery specification	3.7V/402043
Charging current/ voltage	5V/1A
Charge time	2.5 hours
Built-in memory	32GB-128GB (FAT32)
Recording format	WAV
Music format	MP3/WMA/WAV
Support system	Windows/Mac/Android
USB interface	Type C
Material	High quality aluminum alloy
Operating temperature	20 to 110°F/ -5 to 4°C
Recording sampling rate	48kHz
Bit rate(Default)	192 kbps

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Package Contents

- Digital Voice Recorder x 1
- Data Cable x 1
- Wire Control x 1
- User Manual x 1

Memory Usage

WAV-Bitrate	Storage Length (32GB)	Storage Length (64GB)	Storage Length (128GB)
32kbps	2224h	185d	370d
64kbps	1120h	93d	186d
128kbps	564h	47d	94d
192kbps	376h	31d	62d

Note: *The above recording time is the maximum recording time of the machine storage capacity, not the continuous recording time by the battery. (For reference only, the actual test may deviate)*

5. Questions and answers

Q1: Can't record?

1. Check if the storage space is full and delete some recording files after backup
2. Recording is not possible when the recorder is connected to a computer, mobile phone or headphones (recording is terminated when these devices are connected during recording). If you want to record, disconnect from the recorder and turn it on again

Q2: If PC / Phone connection fails?

Please refer to **page 15~16:** If PC/Phone connection fails?

Q3: How to reduce noise?

1. Place the recorder stably and avoid rubbing it against other objects, such as hands, clothing, etc.
2. Away from sources of noise (e.g. air conditioning, typing, or subtle noise that may be

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generated by running computers)

3. When recording voice, please let the sound source a little distance from the voice recorder for better voice quality, otherwise it is easy to produce popping sounds when the decibel is very high

4. If the recording environment is very noisy, please understand there will be extra noise in your recording.

Advice: Record in a quiet environment

Q4: Can't listen after connecting earphones?

1. Make sure the earphone has been inserted, make sure the recorder is turned off before inserting the earphone

2. Make sure there is a recording file in the recorder

3. The sound may be too low, you can increase the volume appropriately

4. The file being played is not supported by the recorder (only supports MP3/WMA/WAV formats)

Q5: Can't fast forward/rewind?

Fast forward/rewind is only possible during playback

Q6: Why is the actual storage space of this recorder not up to the advertised storage space?

A: All memory manufacturers in the world produce the memory according to $1000 \text{ MB} = 1 \text{ GB}$, while the computer recognizes the recorder according to $1024 \text{ MB} = 1 \text{ GB}$. At the same time, the system software also takes up part of the storage space, so the actual capacity is smaller than the indicated capacity. This problem exists in the memory of all electronic products

Q7: I lost my earphone and remote control. Where can I get a new one?

A: Don't worry about it, please contact us as soon as possible, and we will solve your problem quickly.

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Q8: Does the recorder have a built-in speaker?

A: No, recording files can be played back via headphones, computer or android phone

Q9: Does it support recording while charging?

A: Yes. If you turn on the recording first and then connect the USB wall charger to charge, it will charge and record at the same time.

Q10: What if this product does not meet my expectations?

If this product does not meet your expectations or have any product problems please send us an email to tell us, we will reply you as soon as possible within 24 hours to give you the most satisfactory solution. After-sales mailbox:
v53v53@126.com

Cautions

1. Children should not be allowed to play with the recorder alone. Do not drop or allow your device to collide with hard objects. Otherwise, it may cause data loss or other hardware damage of the recorder.
2. Do not clean the recorder with chemical reagents or cleaning reagents, which will damage the shell of the recorder and corrode it.
3. It is recommended not to use this recorder when driving a motor vehicle or riding a bicycle. Please ensure driving safety.
4. Please back up the important files in the recorder in time. No one can guarantee the absolute security of the data. If data loss occurs, the files will be difficult to recover.
5. Do not overload the charger. Do not allow the charging cable to be squeezed by heavy objects for a long time. Keep your device away from combustibles when charging, in order to avoid fire.
6. In order to prevent electric shock, do not pull out the charger with wet hands.

Warranty and Service

If a product is damaged or broken within one year, we will replace it with a new product free of charge. The warranty does not cover loss of products due to customer's negligence.

Order number	
After-sales Email (For after-sales only)	v53v53@126.com
Date of purchase	
Warranty Period	1 year from the date of purchase

We are sorry, but we do not provide support by calling us. We apologize for the inconvenience, but you can contact us by e-mail and we will respond quickly and as detailed as possible. (When contacting us, please provide your shopping platform and order number).