

# Q903 USER GUIDE

## 1. Q903 Features

- b. Supports 180 hours continuous voice recording.
- c. Auto voice activate function support starting recording when conversation starts and stops when the conversation ends.
- d. Built-in 3000mAh rechargeable high temperature resistance lithium-polymer battery.
- e. Power bank function, 5V 1A output can charge mobile phone, tablet PC, MP3, MP4 and so on..
- f. With LED Torch function.

### Hardware Specifications:

Size: 125mm x60mm x 14mm

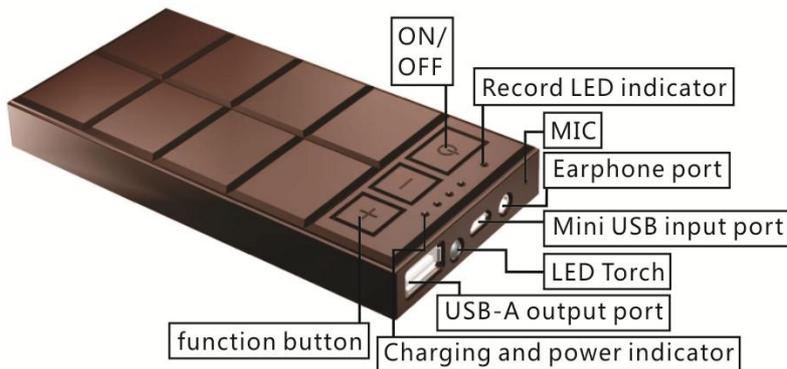
Storage Temp: -40 to 85°C

Operating Temp: -10 to 55°C

Power: Rechargeable, 3000mAh, Lithium-polymer Battery

## 2. Product Image

(see picture)



## 3. Button Operation

- a. **Record On:** Short press button 2 times, and then long press 1 time until the blue LED always glitter.
- b. **Record Off:** Short press button 4 times, and then long press 1 time until the blue LED off.
- c. **Power bank on:** long press the button 1 time.
- d. **Volume +:** Long press the function button "+"  
**Volume -:** Long press the function button "-"
- e. **Select recording file:** enter into "playing" status after insert earphone, short press function button "+" 1 time to select the next file and short press function button "-" 1 time to select the last file.

## 4. How to switch between recording and playing status?

- a. Device on
- b. Insert earphone for playing
- c. Take out earphone for recording

## 5. Status Check

- a. **Device On:** The record LED indicator always glitter.
- b. **Device Off:** The record LED indicator off.

## 6. Power Check and Recharge

- a. **Power Status:** Short press button 1 time, the power indicator will be on, and it will be off 10 seconds automatically.

Power indicator	1 LED on	2 LED on	3 LED on	4 LED on
Power	<25%	<50%	<75%	100%

- b. Device will be turned off when out of power, need to be turned on again after charging.
- c. The charging LED indicator will glitter during charging and will be always on after full charged.
- d. For the first time use, after device on, the power LED indicator glitter, means the power is very low, please recharge the device before using.

## 7. Flashlight Function

**On/Off** : Short press button 1 time.

## 8. Recording Settings

All recording settings including time, voice sensitivities, mute time, voice quality, record amplify and record time periods can be revised by editing a record setting file.

### 8.1 RECORD setting file

Connect device with PC via USB cable. There will be RECORD.txt in the folder.

### 8.2 Settings

#### a. Time Settings

Time format: Year-Month-Day Hour-Minute-Second

Change the time to the current time after the equal sign.

#### b. Voice Sensitivity Settings

The smaller number of the sensitivity rate the higher voice required.

Voice Sensitivity Range: 0-50

Default Rate: 10

#### c. Mute Time Settings

Device will stop recording after conversation ended for certain minutes.

Mute rate: 0-999 minutes

Default Rate: 3

#### d. Voice Quality Settings

Rate 1: 32Kbps, 8G memory can store 580 hours audio

Rate 2: 64Kbps, 8G memory can store 290 hours audio

Rate 3: 192kbps, 8G memory can store 96 hours audio

Default Rate: 2

#### e. Record Amplify Settings

For long distance recording, voice will be enhanced by amplifying record.

Rate 1: Within 1M range

Rate 2: Within 1-3M range

Rate 3: Within 3-5M range

Rate 4: Over 5M range

#### f. Record time periods settings

The time setting default one week for one cycle. From Sunday to Saturday, you can set the record time periods according to your request.

The default time period as below:

Sun.=00:00-23:59

Mon.=00:00-23:59

Tues.=00:00-23:59

Wed.=00:00-23:59

Thur.=00:00-23:59

Fri.=00:00-23:59

Sat.=00:00-23:59

Note: the device is on during above time periods. Outside these time periods, the device is off.

If no need record for the whole day, please set it blank after the equal sign.

If need record for the whole day, set it as 00:00-23:59 after the equal sign.

One day can set two time periods maximum. For example: Sun.= 08:00-12:00, 14:00-18:00

### 8.3 Update Settings

**Very important notice: Set Update Setting to Y, system will start update settings after U disk is exited. System will not start update settings if it is set to N.**

## 9. Power bank

### 9.1 Specification:

- Build in 3000mAh Lithium polymer battery.
- Micro USB input, USB-A output, can charge mobile phone, tablet PC, PDA, MP3, MP4 and so on.
- With low voltage and over voltage protection.
- The DC to DC output efficiency up to 80-95%
- The power LED indicator shows the remaining power as below table.

Power indicator	1 LED on	2 LED on	3 LED on	4 LED on
Power	<25%	<50%	<75%	100%

### 9.2 Operation guide:

- Input: Charge Q903 inside battery by Micro USB (DC 5V), the charging LED glitter during charging.
- Output: Connect Q903 with other devices like mobile phone by the USB cable, long press the ON/OFF button to turn on the power bank function, the power LED indicator will show the remaining power.
- The USB input and USB output can be work at the same time.
- In order to save power, the power LED indicator will be off after 10 seconds. Short press the button 1 time, the LED will be on again.
- If no any operation (no input , no output) for 20 seconds, the power bank function will be off automatically for saving power.
- For the first time use, if the power LED glitter, means power is very low, please recharge it before using.

### 9.3 Attentions:

- When this product is standby, the power of the built-in battery will automatically release, the normal storage time is around 3 months when this product is fully charged.
- This product has over charging and over discharging protection, the USB output will be cut off automatically if the battery voltage is too low.
- It is normal that there is heat release when this product is charging in or out, which will turn back to the normal temperature after the charging completed.

### 9.4 Cautions:

- Do not use the battery in bathrooms etc. with high humidity or where it may be exposed to water.
- Do not use or store at places with high temperatures, high humidity or much dust.
- Do not modify or disassemble the battery.
- Young children should be supervised to ensure that they do not play with the appliance.
- Do not throw the battery into a fire.
- Do not subject the battery to strong impacts and do not throw it.

## 10. Hardware Specification

- Input DC: USB 5.0V 1000mA
- Battery Complicity: 3.7V/3000mAh
- Charging Time: 4~6 hours
- Recording Power: Continuous 180 recording for 1 charge
- Recording file format: WAV format
- Memory : nand flash 8GB
- Recording Sampling Rate:48KHz/16bit
- Voice Quality: 192Kbps/64Kbps/32Kbps
- Support Recording Time32Kbps/8G/580 hours; 64Kbps/8G/290 hours; 192Kbps/8G/96 hours
- Recoding Distance: Built-in Automatic Gain Control, support up to 10M recording distance.
- Frequency: 20Hz-20KHz
- Connector: Standard Mini USB Slot
- Input Slot: Mini 5pin USB2.0 Full Speed
- Flash Light: LED 0.1W
- Support System: Windows XP/VISTA/WIN 7
- Working Temp: 0°C~+55°C
- Storage Temp: -20°C~+80°C