Q805/Q810/Q815/Q820 USER GUIDE

1. Features

GSM Voice Recorder with micro SD card slot
HD Recording, file format: 32kbs WAV
Recording Mode: Voice Activation & Schedule & Remote Voice DSP, clear record sounding voice within five meters
Support maximum 32G byte SD card Support artificial Sim card working mode
Drop-trigger alarm built-in
Water-Proof design with strong magnets built-in
Police & Detector's Best Choice

2. Product Image

3. Product Performance

Recording mode	Q8 Series of Model			
	Q805	Q810	Q815	Q820
Keep recording, Never stop	110 hours	220 hours	330 hours	440 hours
Wake up a hour per day, in schedule sleep mode	100 days	200 days	300 days	400 days
Drop Alarm	Yes	Yes	Yes	Yes
Battery Capacity	5000mAh	10000mAh	15000mAh	20000mAh
Size	117x59x30mm	153x58x34mm	153x58x39mm	153x58x45mm
Weight	227g	369g	465g	569g

4. Button Operation

4.1 Power on/off
a. **On:** Press power button 5 times. The green indicating light will be on for 30 seconds. (System default as ON)
b. **Off:** Press power button 3 times. The blue indicating light will flash for 5 times

5. Operation Commands Guide

5.1 Set APN: (VERY IMPORTANT AND MUST BE DONE 1ST) For the device to send data to the server, this command MUST be enabled.
SMS: *apn*AXXX*BXXX*CXXX* This command sets the telecom Access Point Name. BXXX refers to user name, CXXX refers to password.

If there is no user name and password required, send as *apn*AXXX*
If there is user name but no password required, send as *apn*AXXX* BXXX*
APN information can be checked on local telecom website.
You will receive the following text: "Notice: APN is set to XXX. User name: XX. Password: XX"

5.2 Registering the "Master" Controller

SMS to the device: ***master*123456*+1XXXXXXXXXXX***, (For instance, master controller phone number is +1XXXXXXXXXXX. +1 refers to the country code. XXXXXXXXXXXX is the cellphone number. Please make sure country code is included, and digit 0 is not needed before cell phone number)

Device Response: "Notice: Cell Phone # xxxxxxxxxx is set to master controller, the password is 123456." (The device has a default password of "123456" to initially program in your PDA/Phone.

NOTE: The device will ONLY listen and respond to instructions from this number unless you choose to turn on the multi controller function and open the device to any cell phone number

5.3 Changing the Password:
SMS: *password*654321* (654321 refers to new password)
You will receive the following text: "Notice: The password change is successful for +1XXXXXXXXXX. The new password is 654321."

Note: Changing password command has to be sent from master controller number.

6. Recording Function Settings

6.1 Record On/Off

6.1.1 Record Activation

a.   Button On 1: Once device attached on the metal surface, system will enable recording function.
b.   Button on 2: Short press button 1 time and then long press button 1 time till the blue LED light on for 10 seconds
C.   SMS On: SMS Command *recordon*

6.1.2 Record Off

  a. Button Off: Short Press button 2 times and long press button 1 time till the blue LED flash 3 times to turn recording function off
  b. SMS Off: SMS Command ***recordoff***

6.2 Record Mode

6.2.1 Voice Control (Default Settings) **SMS: *recordmode1***
a. Voice Control Recording Time
SMS: *silenttime*1-999*(1-999 represents minutes of silence)
System will end recording function and turn to standby mode after appointed silent time. System default as 3 minutes.

6.3 Remote Control

a. Remote Listening

SMS: *callin*
System will enable the master number to call the device to start listening the surrounding sound within 30mins after the SMS is sent.

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b. Remote Period Listening
SMS: *callin*XXXX*XXXX*
Check recording file during appointed period. The first XXXX refers to thedate, the second XXXX refers to time.
e.g. *callin*20140919*152530* refers to start listening recording from
15:25:30 PM of September 19th, 2014. Time format is military format.
User can hand off the call when finishing listening.

Note: Device has to be switched off before taking out the SD when recording is finished, otherwise the last recording file can not be saved.

7.GSM System (With Working Sim Card Inserted)

GSM system is always at standby mode unless system is set to sleep mode for power saving.

7.1 Motion Awaken Sleep Mode

SMS: *motionon*1-99* (1-99 represents hours of recording)
System will enable deep sleep function and will be awaken and wait for new command when motion is detected. And system will enter preset recording mode for appointed time. If no new command is received, system will enter sleep mode again after appointed time. The circle repeats.

7.2 Timing Awaken Sleep Mode

SMS: *periodawakeon*XXXX*XXXX*
System will stay in sleep mode and will be awaken during appointed periods, up to 3 time periods. And system will enter preset recording mode during awaken time. Time format need to be in military time.
e.g.*periodawakeon*08001100*14001830* refers to 8:30-11:00 and 14:00-18:30 of the day.

7.3 Voice Awaken Sleep Mode

SMS: *voiceon*1-99* (1-99 represents hours of recording)
System will enable deep sleep function and will be awaken and wait for new command when voice is detected. And system will enter preset recording mode for appointed time. If no new command is received, system will entersleep mode again after appointed time. The circle repeats.

7.4 Sleep Off

SMS: *sleepoff*
System will end deep sleep function and turns to standby mode.

8. Drop Alert
System will send Drop Alert to master number is device is dismounted with the metal surface over 1 minute.

9. System Settings

9.1 Status Check

SMS: *status*
System Health and status check. Returns text message indicating various system diagnostics

9.2 Info Check**SMS: *about***
System will reply device information including serial number and version information to master number.

9.3 File Management
All recoding files will be saved as 10 minute length files by date as default. **SMS: *interval*5-60*** (6-60 represents minutes of recording file saving interval)

9.4 Timezone

System is UTC time format and time zone need to be set by SMS.

SMS: *timezone*0-24* (0-24 represents different timezone, default as 8) eg Italy= *timezone*2* UK= *timezone*0* Australia Perth = *timezone*8*

9.5 Sim Card Switch

System supports artificial sim card mode if GSM system is not needed.

SMS: *card0*
System will enter artificial sim card mode after command is received.

SMS: *card1*
System will enter working sim card mode after command is received.

10.Recording Setting Files Management (With Artificial Sim Card Inserted)
10.1 RECORD setting file

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

Connect device with PC via USB cable. There will be simcard.txt in the folder, content as below:

Voice Sensitivity (1-50)=10*
Silent Time(Minute 1-999)=3*
Record Mode (1-2)=1*
Sleep Mode (0-3)=0*
Record Status (0-1)=1*
File Saving Time (minute 10-999)=10*
end

Setting Explanation

Voice Sensitivity Settings
The bigger number of the sensitivity rate the higher voice required. Voice Sensitivity Range: 0-50
Default Rate: 10

Silent Time Settings
Device will stop recording after conversation ended for certain minutes.
Mute rate: 0-999 minutes
Default Rate: 3

Record Mode (1-2)=1*
Record Mode 1 is voice control Record   Mode 2 is always on. Default Rate: 1

Sleep Mode (0-3)=0*
0: Sleep Off   1: Motion Awaken Sleep   2: Voice Awaken Sleep   3. Period Awake sleep

Record Status (0-1)=1*

1: Record On   0: Record Off

File Saving Time (minute 10-999)=10*
Record file saving interval, default as 10 minutes

Note: All the TXT file in the folder can not be deleted, otherwise can not make the record.