Emergency Calling Device

A. Overview

Loudspeaker

12mm

SIM card slot

9mm

Call button

Power on/off

SOS button&LED

Microphone

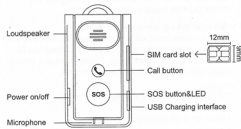USB Charging interface

Green LED: charge battery (turn on)
full charge (turn off)

Red LED: dialing now or on the line (flash)

B. General Setting

1. Power on: You will hear "welcome to use the product" after initialization completed, if no-operation, device will automatically enter the standby mode after 10S, the LED turn off.

2. SOS and Give the present time by speech:

Ⅰ. Long press SOS button: long press SOS button (4 seconds or more) , device automatically dials 5 groups number (from 1-5, one by one) , if any call been answer, will stop dialing, if no one answer, it will start all over again by next round (5 groups is one round, Maximum is 9 rounds).

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Ⅱ. Short press SOS button: you can get present time by speech, also you will hear "Battery low Please charging the device" voice prompt when low battery

3. 📞(📞) Call button:

Ⅰ. Long press call button: dialing one of selected number from 5 groups (according to user set up, default is No.2 groups number from 5 groups)

Ⅱ. Short press: giving the present time by speech

4. Restore factory settings:

Power off the device and hold the SOS button then power on, loosen the SOS button after you see red LED flash quickly 3S (the 5 group dial number and 8 groups of anti harassment white list will be empty, default password is 1234, number of ring to auto pick up incoming call is 3 times, call button default to call No.2 group number from 5 groups) . After restore finished, red LED will flash slowly and starting up normally.

C. Quick Getting Started

Step 1: Inset SIM card with Nano sim card by correct direction.

Step 2: Use a mobile phone to call the device, if you can hear normal connection sound that means device is working perfect.

Step 3: Power on and Editor SMS for set up alarm number (Refer to SMS programming instruction) .

D. SMS Programming Instruction

Note 1: the device initialization password is 1234, describes "ABCD" represent password "*" character is necessary , can not be missed.

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Note 2: text message format should be edited in English input method.

1. Set up 1 to 5 groups of alarm telephone numbers and alarm mode

Format:

*XX*alarm telephone number*Y*ABCD;

XX is no of 5 groups numbers, selected from 01~05;
Alarm telephone number is emergency number to receive call;

Y is alarm mode ('1' - dial, '2' - SMS, '3' - dial and automatic hang up after few rings)
ABCD is password (default is 1234) ;

Application examples:

set up the first groups of alarm telephone numbers is 13801234567.

Operating Steps:

*01*13801234567*1*1234, after message sent to device successful, you will get reply message
*01*OK*31*4.0, 31 shows GSM signal, 4.0 shows Current battery capacity as 4V.

2. Set up "call button" number

Format:

*07*X*ABCD;

07 for Fixed format code
X for the "call" button to specify the dialed number from 5 groups 0≤X≤5 (Default is 2)
0 for Disable this function
ABCD is password.

Application examples:

set up the "call button" to dial third groups of numbers

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Operating Steps:

*07*3*1234, after message sent to device successful, you will get reply message
*07*OK*31*4.0, 31 shows GSM signal, 4.0 shows Current battery capacity as 4V.

3. Set up dialing rings number for 5 groups number

Format:

*08*X*ABCD;

08 is a fixed format code
X is ring number, "0≤X≤9"
ABCD is password

Application examples:

Detects the ringing number reach 5 times and no one answer the phone, device will automatically hangs up and continues to dial the next group of numbers.

Operating Steps:

*08*5*1234, after message sent to device successful, you will get reply message *08*OK*31*4.0, 31 shows GSM signal, 4.0 shows Current battery capacity as 4V.

4. Set up no- answer waiting time for 5 groups of alarm number

Format:

*32*XX*ABCD;

32 is fixed format code
XX is 2 bit parameters (00~99 second)
ABCD is password.

Application examples:

User long press SOS button, dial first group alarm number, ring 5 times no answer, waiting for 10S for this number dial back; if still not receive callback, then continue to call next group alarm number;

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Operating steps:

*32*15*1234, after message sent to device successful, you will get reply message *32*OK*31* 4.0, "31" is shows GSM signal, 4.0 shows Current battery capacity as 4V.

5. Set up user parameters

Format:

*00*XXXX*YZ*ABCD;

00 is fixed format code;
XXXX is new password;
Y is number of ring to auto pick up incoming call (0-9) , device will automatic picking up after device rings is confirmed (No.1-5 group alarm number) , 0 disable automatic pick up function;

Z is anti harassment function, "1" open, device will only pick up calling from white list, other digital means closed anti harassment function;
ABCD is old password.

Application examples:

If the new password is 4321, incoming Call ring count number is 3 times, open anti harassment function.

Operating steps:

*00*4321*31*1234, after message sent to device successful, you will get reply message *00*OK*31* 4.0, 31 shows GSM signal, 4.0 shows current battery capacity as 4V.

6. SMS query data

Format:

*88*ABCD

88 is fixed format code
ABCD is password

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Operating steps:

*88*1234, after message sent to device successful, you will get reply message:
Password * incoming call ring count number (1 bit)
Anti harassment (1bit) The call button dial number (1 bit) time of wait for call back (2 bit)
First group of phone numbers * Alarm mode
Second groups of telephone number * Alarm mode
Third groups of telephone number * Alarm mode
Fourth groups of telephone number * Alarm mode
Fifth groups of telephone number * Alarm mode
Device SIM card number * mode
The 5 groups number dialing rings number
Device version

7. Set up white list phone number

Format:

*1X*Telephone number*ABCD;

1X corresponds to 11-18, representing the No.1-8 group white list phone number, (fixed-line telephone need to add area code)
ABCD is password.

If anti harassment function is open, only the 5 groups alarm telephone (auto pick-up) and 11-18 white list number dial the device, incoming voice prompts "You have phone call" you need to press the SOS button to answer.

Application examples:

set up the first group of white list telephone number is 13801234567.

Operating Steps:

*11*13801234567*1234, after message sent to device successful, you will get reply message

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*11*OK*31*4.0, 31 shows GSM signal, 4.0 shows Current battery capacity as 4V.

8. Delete white list phone number

Format:

*19*ABCD;

ABCD is password.

Application examples:

Delete all white list number

Operating Steps:

*19*1234, after message sent to device successful, you will get reply message
*19*OK*31*4.0, "31" is shows GSM signal, 4.0 shows Current battery capacity as 4V.

9. Enquiry white list phone number

Format:

*20*ABCD;

ABCD is password

Operating Steps:

*20*1234, after message sent to device successful, you will get reply message:
20 first group white list number ......
The eighth groups white list number
Note: If the SMS content is #, it means the group number is empty

10. Check battery voltage

Format:

*31*ABCD;

31 is fixed format code,
ABCD is password.

Application examples:

check the battery voltage

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Operating steps:

*31*1234, after message sent to device successful, you will get reply message:
*31*OK*31*4.0, "31" is shows GSM signal, 4.0 shows Current battery capacity as 4V.

11. Manual set up device time (NTP)

Apply to some area where didn't support the network synchronization time, we will receive SMS message to NTP when device starting up. Please ignore it where areas with network synchronization time.

Format:

*06*Device SIM card number*X*ABCD;

06 for Fixed format code
ABCD for 4 bit password
X for 0.

E. Technical Specification

Battery	Polymer lithium battery (batteryapacity is 600 mAh)	
Stand-by time	>7 days (Sleep save power mode)	
Charger and Adapter	Input 220V 50Hz Output DC5V/1000mA	
SIM card type	Nano SIM card	
Running current	Speaking current	<250mA
	Stand-by state	<3mA

Ver: 2102

SN: 3503121##10020

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