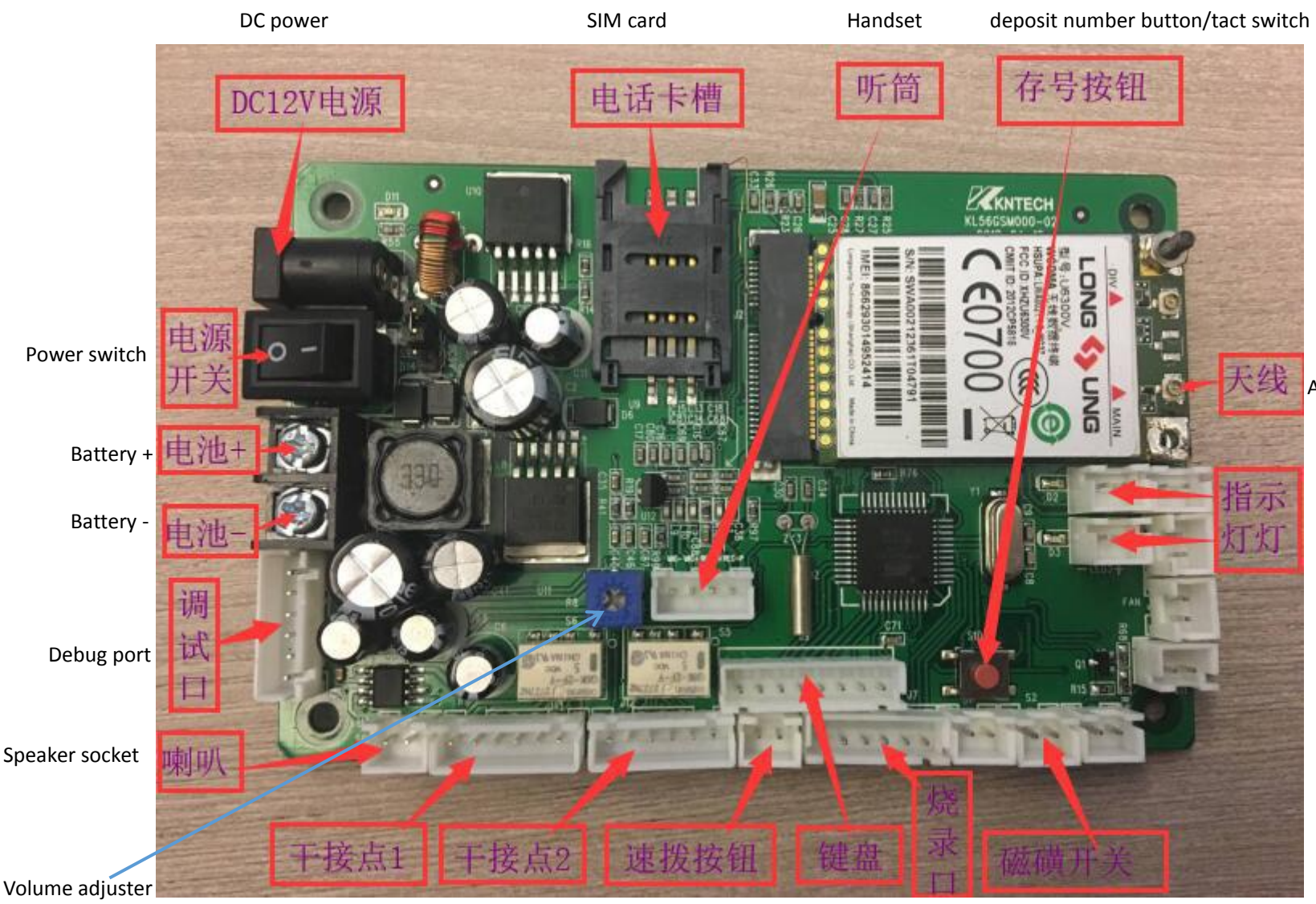
KNTECH GSM PCB board interfaces and manual



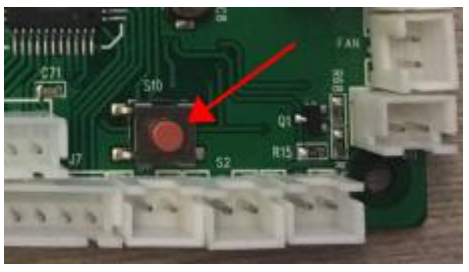
1. Operation explanations

The built-in a group of 12 keyboards, used to store the preset number, before the installation, please open the panel, first loaded on GSM card, then the preset number, this operation under the normal operation of the phone. After the system boots, including detection module self-inspection state, detection a SIM card state, detection signal strength, telephones initialization operation, under normal circumstances, self-checking will be finished within 30s.

2. How to set and clear number at " speed dial key"?

Setting the number at first key(above) on the phone panel :

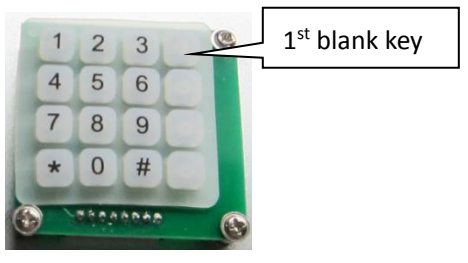
Step1. Press tact switch button one time



Step2. Press * button for 2-3 seconds and till you heard "DO" sound twice

Step3. Press one time first blank key on the top right corner (If the speed dial phone come with handset, press number 5 key)

Step4. Input a group number you want to store



Step5. Press the tact switch button one time. (If the speed dial phone come with handset,hang up the handset)

Clearing the number：
Repeat above step 1, step2, step3, step5.

3. Key specifications, function, parameters and description

1. 16 key mini keypad for program
2. Button schedule：＜3mm
3. Button and outside box is zinc alloy material
4. Buttons group adopts conductive silicone rubber
5. Connection plug 10pin
6. The center has five keys for the blind to identify by little protruding point
7. Service life of 100 million times more

Power mode: DC12V 1A.

Free dialing: Press the tact switch button on the main board to turn it on.
Operate the keyboard according to the dialing mode of the ordinary telephone and talk to the other party.

Automatically hang up: the frequency of busy tone signals received by the other party after hang up is greater than hangups

Speed dialing: (up to four-speed dialing) Speed dialing numbers can be modified locally.

a. Press the tact switch button on the main board to turn it on. Press and hold the * button to hear two didi sounds, then press the first blank key (press number 5 is for handset phone). When you hear the didi sound, enters the deposit status.

b. Press the number keys 0-9 to store the number, each number has a drop sound, the maximum length is no more than 15 digits.

c. After the input, press the tact switch button on the main board again to hang up.

d. Just press the button on the panel or lift the handset, the number will be called out immediately.

Dry contact: It is a passive switch with two states of closure and disconnection. There is no polarity between the two contact points and they can be interchanged. (Commonly used in conjunction with video, connected to warning lights, external power amplifiers, electronic locks, etc., but these peripherals require a separate external AC power supply or AC/DC power supply)

· Network interface: GSM Frequency 900/1800MHZ (850/1900Mhz is an option)
· Ringing: Through internal speaker/ringer minutes.
· Full duplex communication.
· Power supply: Re-chargeable battery powered, 9-12V/14Ah, Solar back-up: 12V/30W.
· Time out: Selectable 0-20 minutes.
· Automatic and remote volume control.(Option)
· Supported SMS or GPRS
· Sound level of ringing：≥70dB(A). 1W speaker.
· On-site or remote diagnostics and programmable. (Option)
· Telephone panel can be selectable.
· Operating temperature: -20 °C to +60°C. (Expanded temperature -20 °C to +70°C is an option)
· Relative humidity: 10% to 95%.
· Built-in battery standby: 21 Days.
· Built-in battery talking time: 21 Hours.
· MTBF : 100000 Hours.
· MTTR : 15-20 Min.
· RoHS Compliant.