



**Wireless Keypad
ST-305E**

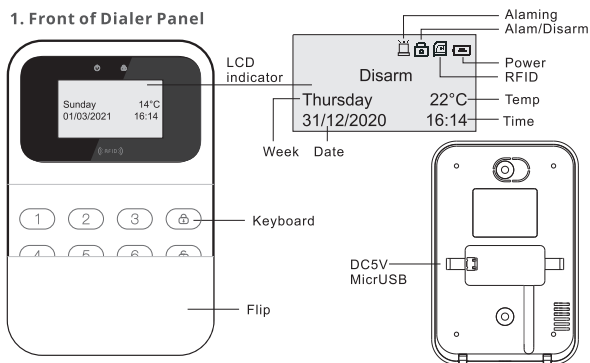
* This product is a networking accessory that needs to be used with the company's gateway

>Product Introduction

- Wireless keypad adopt disposal core of octet micro-power. It can be collocated with our alarm hosts.The wireless keypad implements arm,disarm,and emergency alarm with password and support multiple users, which solve the inconvenience caused by carrying remote controller. The keyboard can learn 8 RFID cards, you can choose use the RFID card to operate the host for arm, disarm, arm / disarm. Keyboard built-in high-capacity lithium battery, when the battery is low, you can use external power to charge, and also can use the external power to supply long-term power directly . The keyboard has elegant appearance, meanwhile with clew of power status , tamper and anti-mobile functions.

>The interface definition

• 1. Front of Dialer Panel



>Products use

• 1. Voice description

Beep	Illustration
A short "Di"	Effective operation, RFID card enrolled successful, Arm successful.
Two short "Di"	Effective operation, disarm successful.
Five short "Di"	Wrong operation, RFID card have been enrolled
Continuous buzz	The tamper is triggered, Input the password wrongly for several times, the emergency button is triggered.

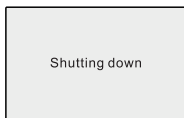
• 2. Indicator light

Power indicator: When the external power is plugged in, the power indicator will be on; when it's powered by battery, the power indicator will be off; when the battery is low power, the power indicator flashes 1 time in 2 seconds, meanwhile the keyboard prompt a long "Di..." every minute. At this time users need to use the external power supply for the keyboard, charging time is greater than 8 hours.

Key lock instructions: continuously input the wrong passwords for 9 times, the keyboard will automatically lock and send out the wireless alarm signal, key lock indicator flashes 1 time in 5 seconds, meanwhile the keypad will buzz continuously for 30 seconds. The keyboard will lock itself for 10 minutes. During the period, the keypad is unavailable for any input. The keypad will return to normal until 10 minutes later. The lock key indicator will be off.

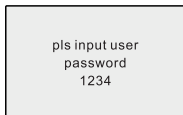
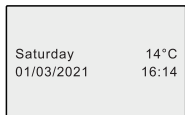
• 3. Power on / off

When the users use the keypad first time, the keypad is in the off state. You can press the [⏪] and [⏩] keys at the same time until you hear a long "Di...", indicating the keypad turn on successfully; when you want to turn off, enter 6 [program password] (factory default: 888888) + [9][9], Then [⏩] long press 3 seconds, until you hear a long "Di...", The LCD is indicating shutting down.



• 4. Unlock password

If the user activated the PUK protection, when the keyboard in standby page or enters the state of low power consumption, long press [⏪][⏩] to wake up the keyboard then enter the password interface. The user can input the user password (factory default: 1234) or swipe the RFID directly to operate the instructions or check the status again.



• 5. Capacitive Touch Button

Away arm: Press [User Password] [Ⓜ] or long press [Ⓜ] for 3 seconds

Home arm: Press [User Password] [Ⓜ] or long press [Ⓜ] for 3 seconds

Disarm: Press [User Password] [Ⓜ]

Emergency button: [Ⓜ] (long press for 3 seconds)

Start RFID reader: [Ⓜ] (long press for 3 seconds)

Wake-up the keyboard: [Ⓜ] and [Ⓜ] (long press for 3 seconds)

Note: 1. When powered by the built-in battery, the RFID card reader will automatically open for 10 seconds when enter the keyboard operation page each time, and automatically exit the card reading mode after the time out or after reading the RFID card.

2. When the user enters the keyboard operation page by the unlock password or RFID swiping, the user can directly operate the home arm, away arm and disarm without the password. Emergency default press [Ⓜ] button for 3 seconds.

3. When powered by external power, the RFID reader is always activated by default.

4. When the keyboard in standby mode, long press the [Ⓜ][Ⓜ] key to unlock.

• 6. Enrollment Settings

8 sets of user passwords correspond to 8 sets of RFID cards, and each set of passwords corresponds to a wireless address.

Follow the alarm host instructions, enter the remote controller enrolling status, and then enter the [user password 1-8] [arm / disarm], send the wireless enrolling signal, to learn the alarm host.

>Product Introduction

• 1. Enter system programming

Only enter the system programming to program all relevant operations of the wireless keyboard. After entering the system programming, the function of the [2] key on the panel is the upturn menu, the [8] key is the down-turn menu, the [4] key is the left-turn menu, and the [6] key is the right-turn menu.

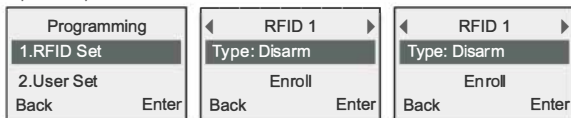
Enter system programming: enter the 6-digits programming password (factory default 888888) on the standby mode, and then press [Ⓢ] button to enter system programming.



• 2. RFID Settings

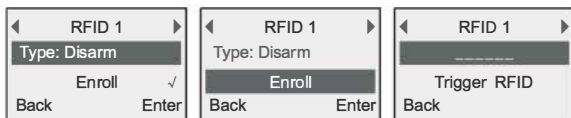
2.1. Swiping permission

The swiping permissions of RFID card can be selected from the three types, Arm, Disarm, Arm/Disarm.



2.2. RFID Enrollment

Enter the RFID setting menu, press [2] or [8] to select the enrollment menu, press [4] or [6] to switch THE RFID address, and the machine can learn up to 8 RFID cards. If there is a "✓" flag next to the code menu, it indicates that the current address has been checked, and the user must delete it before re-checking the code.



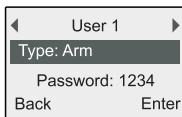
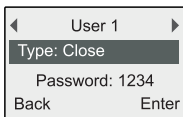
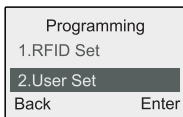
2.2. Delete RFID

Enter the RFID setting menu and press [4] or [6] to select the RFID to be deleted. After selecting the delete menu, press the [Ⓢ] button to delete.

• 3. User Settings

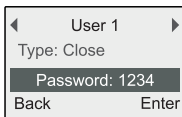
3.1. Operation permission

User operation permissions can be selected from three types: OFF, Arm-only, and all permissions(Arm/Disarm).



3.2. User password setting

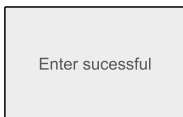
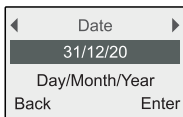
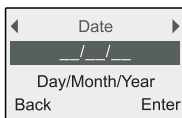
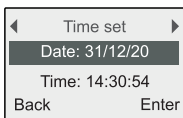
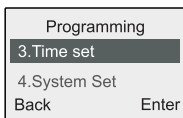
User password used for Arm or Disarm operations. The fixed length of user password is 4 digits.



4. Time setting

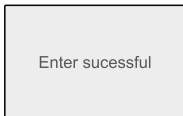
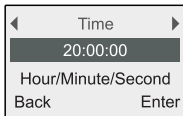
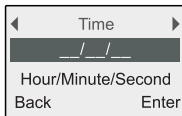
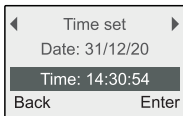
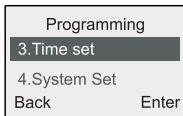
4.1. Date settings

Setup the host date.



4.2. Setup the time

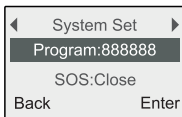
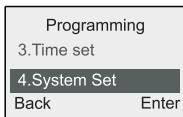
Setup the host time.




• 5. System Settings

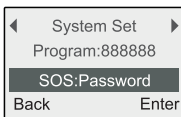
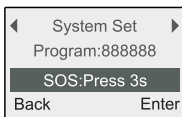
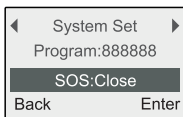
5.1. Programming coding

The programming password is used to enter the system program. The fixed length of the programming password is 6 digits.



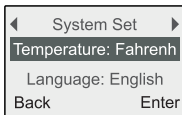
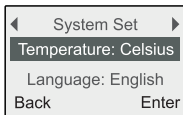
5.2. SOS permissions

Activating SOS permissions can be selected from three types: turn off SOS, long press [SOS] button for 3 seconds, and [User password]+[].



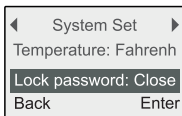
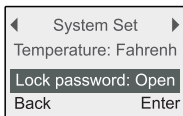
5.3. Temperature

Temperature is divided into Celsius and Fahrenheit.



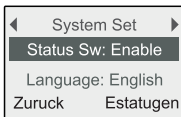
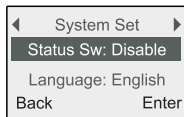
5.4. Unlock password

Unlock password means that when the keyboard in standby page or in low-power state, the user needs to input the user password to again enter the operation instruction or check the state.



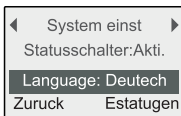
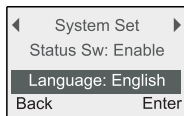
5.5. Status Switch

User can switch ON/OFF the keyboard " Arm/Disarm" status on LCD.



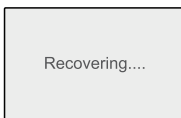
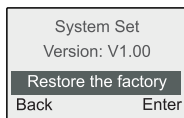
5.6. System language

English, German and other languages are supported.



5.7. Restore factory Settings



Sets all the parameters of the wireless keyboard restore to the factory state.



Factory default value:

Programming password: 888888 User password 1:1234

User password 2-8:00 SOS permission: Password+[

Note: When forgot programming password, can press the []+[] keys until hear two short "di..." in less than 15 seconds power-on again, it means the programming password factory reset successfully.

>Technical parameters

- ◆ Power : DC5V/1A (Mirco USB)
- ◆ Battery: 3.7V/900mAh (Polymer Lithium Battery)
- ◆ Standby Current: < 50uA
- ◆ Alarm Current: < 50mA
- ◆ Standby: 1-2 years (Full Battery)
- ◆ Alarm Sound: > 70dB(in 1 Meter)
- ◆ Wireless Frequency: 433.92MHz
- ◆ Wireless Range: \geq 250 m (Open Area)
- ◆ Operating Temperature: -10°C~+50°C
- ◆ Relative Temperature: \leq 80%(No Condensation)