

HANDHELD
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HANDHELD
USER GUIDE

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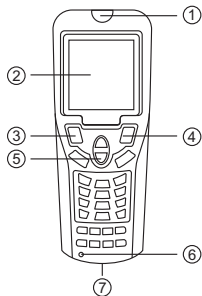
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Parameter:

CPU	STM32 72MHz
Memory	RAM:8MB
	FLASH:128KB
Screen	Type: FSTN, 32-scale gray
	Resolution: 320*240 pixel
	Background light: white light LED
RFID module	High frequency mode:13.56MHz
Input method	Keypads:27 keys
Alarm	Buzzer
Clock	Clock format: YYYY-MM-DD-HH-mm-ss
Safety module	PSAM interface for data encryption and backup
Battery	Rechargeable Li-ion battery 3400mAh, DC4.2V
Size	Size:185*70*35mm;Net weight:240g
	connectivity, Mini USB & micro USB port
Working environment	Temperature:-5℃-50℃
	Humidity:30%-85%RH
	Protection: not waterproof
	Shock resistance:150cm to concrete surface.

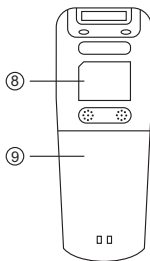
Description

1. LED Indicator
2. LCD screen
3. Confirm button
4. Cancel button
5. Control buttons
6. Power button
7. MINI USB ports

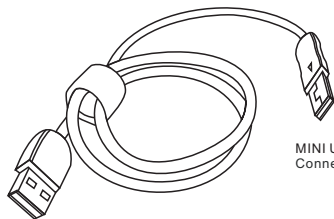


front view

8. RF induction zone
9. Li-on battery slot



back view



USB Connection

MINI USB
Connection

Data line

MINI USB connector is connected to handheld. USB Connector is connected to computer side.

User can purchase micro USB cable locally to connect handheld as well.

Notice:

Data cable can be used for battery charge and data transfer.

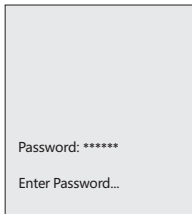
The terminal will be powered on by pressing the power button for 3 seconds.

It will show the following screen.



Press "OK" button, the following screen will have a prompt that asks for password.

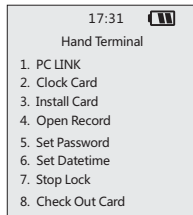
Initialized password is: 123456.



Enter the password and press "OK" button again.

If the password is correct, you can access to all functions in primary menu.

If incorrect passwords are entered for three times, it will turn to "PC LINK" automatically. User can reset the password by connecting the software.



PC LINK

Hotel configuration and some other basic info must be loaded to the terminal before it runs for the first time.

Select "PC LINK" from primary menu or press 1, the following menu will be shown.

Connect the terminal to the computer with data line.

→Open software

→[Card Management]

→[Special card]

→[Hand terminal] interface:

Then press [initialize Hand terminal]

and [Export Room info] button to export hotel info to the terminal.

If terminal activate this function, all data can be transferred between lock, software and the terminal:

(1) Hotel configuration and some basic info can be loaded into terminal.

(2) Terminal info can be loaded into the software.

PC — LINK

-C- to return

Time Card

Please select "time card" from primary menu or press 2.

The following screen will be shown.



SET clock card

2099-02-02

17:31:00

-OK- to set

-C- to return

Please press "OK" first .When terminal makes sounds of "Bi",it's under clock card mode, shown "Set Time OK".

Then read Authorized Card to the lock; and the terminal can correct the time of the lock when it reads to the lock.



SET clock card

Set Time OK

2099-02-02

17:31:00

-OK- to set

-C- to return

Install Card/Installation Card

Please select "install card" from primary menu or press 3 .
The following screen will be shown.

"Room & Time" means it can set room information and correct time to the lock at one time, "Entrance room & Time" does the thing.

Please enter the required information accordingly.

Set L3-ROOM

ROOM
ROOM & TIME
ENTRANCE ROOM
ENTRANCEDOOR&TIME

Press ΔV to choose
Press ok to goin
Press C to return


If the entered message is correct, all information of the room will be shown on the screen.

ROOM INFO

ID: 0001
Name: 01101
Area: 001
Building: 001
Floor: 001
Suite: 000

Press ΔV to choose
Press ok to set
Press C to return

Please input the name of the room number or select ID then press "OK" to search room information.

17:31 

ROOM CARD

NAME:
ID:
Amount:

Press ΔV to choose
Press ok to check

Please press OK. The following screen will be shown.

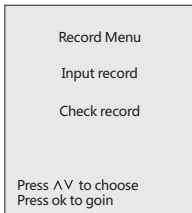
When on this menu ,please read the handheld to the lock to complete the programming procedure.

Set Room OK
Info data OK

Record

Please select "record" from primary menu or press 4.

The following screen will be shown.



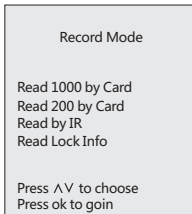
Select "Input record". The mode of record can be seen on this screen.

"Read 1000 by card" only for Hotel lock.

"Read 200 by card" for Hotel lock and Office lock.

"Read by IR" is not available.

Read Lock Info.

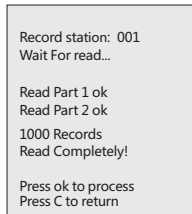
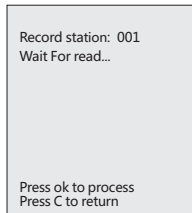


Select "Read 1000 by card" and choose/enter the record station, the following screen will be shown.

While on this screen, read data card to the lock first. When the blue light is on, read the terminal to the lock immediately. When hearing a "Bi" sound from terminal and the red and blue light flicker alternately from the lock, data is transferring from lock to terminal. When hear a "Bi" sound from the lock and only blue light stays on, it means it has finished the data reading. Then press OK to save Data Part 1. Following when hear another "Bi" sound from terminal, shown "Read Part 1 OK", it means Data Part 1 has been transferred to terminal successfully.

If the red light of terminal flickers, it means it's still transferring data to the terminal.

Read the terminal to the lock again, go on the same operations to retrieve the Data Part 2 and Part 3. Record retrieve completes when this screen shows.



Operation is same when come to "Read 200 by card" or "Read Lock Info".

Read data card to the lock first and then read the terminal to the lock, go on the same operations like record part 1. And read part 1 only.

Record station: 001
Wait For read...

Read Part 1 ok

200 Records
Read Completely!

Press ok to process
Press C to return

Select "check record".

On this screen, the number of data transfer can be seen.

User can return to primary menu by pressing "C" button.

To transfer all data to PC, please select "PC LINK" on terminal.

Record station: 001
1000 Record

Area: 1
Building: 1
Floor: 1
Room:1

20YY-MM-DD
17:31:00

Lock information retrieve completes when this screen shows.

Record station: 001
Wait For read...

Read Part 1 ok

Lock information
Read Completely!

Press ok to process
Press C to return

Set Password

Please select "set password" from primary menu or press 5.

The following screen will be shown.

The old password can be seen on the screen. Enter a new 6-digit number can change the password.

Set Password

Password: 123456
New Password:

Enter 6-digit PW
OK Cancel

Set Date & Time

Please select "set date-time" from primary menu or press 6.

The following screen will be shown.

This is manual setting data & time interface. User can update the time without connecting to the computer.

SET DATE & TIME

20YY-MM-DD
17:32:00


Press ^ V <> adjust
OK Cancel

Stop Lock

This function is used to stop lock's unlocking function temporarily in case of accident.

Select "Stop lock" from primary menu or press 7 first. Then read Authorized card to the lock. Following read the terminal to the lock, then all cards will be out of use except the Emergency card and Master card.

Repeat the above operations can cancel the stop function.

17:31 

Stop Lock

Press ok to set
Press C to return

Check Out Card

This function is used for checkout. Select "Check out Card" from primary menu or press 8 first.

Then, read authorized card or other access cards to the lock .

Following read the terminal to the lock -- guest cards will be out of use.

17:31 

Check Out Card

Press ok to set
Press C to return

Power Off

Select "power off" from main menu or press 9 to turn off the hand terminal.

Additional Function

1. If there is no power, user can connect terminal unit to PC by USB port to charge it. It can be powered by portable USB charger as well.
2. User's password is not accepted or forgotten. Make reconfiguration of terminal unit by connecting PC by COM port.

Please select

1. Update app
2. Save and run
3. Run and run
4. System info
5. Keypad test
6. Language
7. Special Fun
8. Power off

Warning

- Do not squeeze on the LCD screen or subject it to strong impact, or it will break.
- Press the buttons with fingers or blunt objects only. Pointed object will damage the keypad surface and cause short circuit inside the terminal.
- Do not take out the battery when the power is on, which will cause data loss.
- Do not make the terminal facedown, which may cause abnormal operation of the keypad.
- Use a soft and dry lens cloth to clean the terminal.