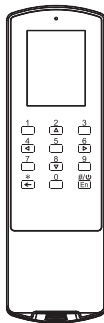


HAND TERMINAL-MF



HAND TERMINAL-MF

USER GUIDE

Contents

Parameter	-----	01
Description	-----	02-03
User Manual	-----	04-15
PC Link		06
Clock Card		07
Install Card		08-09
Open Record		10-13
Set Password		14
Set Datetime		14
Stop Lock		15
Check Out Card		15
Power Off		15
Trouble Shooting	-----	16
Warning	-----	16

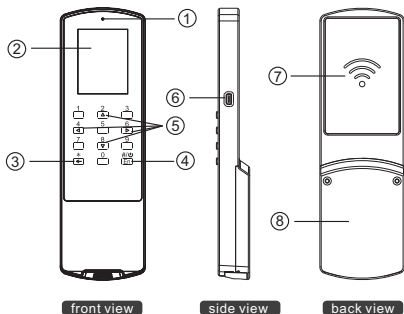
Parameter:

CPU	STM32 72MHZ
Memory	RAM:64K
	FLASH:256K
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:12 keys
Alarm	Buzzer
Clock	Clock format: YYYY-MM-DD-HH-mm-ss
Safety module	PSAM interface for data encryption and backup
Electrical	4pcs AA 1.5V alkaline batteries
Outlook	Dimension:203mm*63mm*25mm
	Net weight:296g
Working environment	Temperature:-5℃-50℃
	Humidity:30%-85%RH
	Protection: IP20
	Shock resistance:150cm to concrete surface.

Description

- 1.LED Indicator
- 2.LCD screen
- 3.Return/Cancel button
- 4.Power/Confirm button
- 5.Direction buttons
- 6.USB Type C port

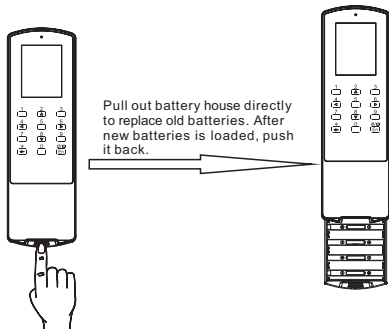
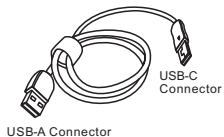
7. RFID card induction zone
8. AA battery house



Data line

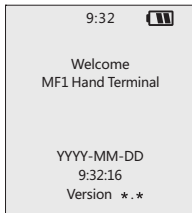
USB Type C is to connect hand terminal.
USB Type A is to connect PC.

Notice: Qualified data cable is necessary for data transfer.



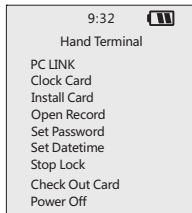
Pull out battery house directly to replace old batteries. After new batteries is loaded, push it back.

Press #/⏻ button till one beep is heard, then this screen will appear.



Enter the password and press "En" button.

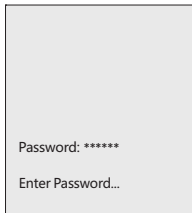
If the input password is correct, following menu will appear and then user can get access to all function



Press "#/⏻" button again, hand terminal will ask for password.

Default password: 123456

If device password is lost, user should connect it to PC lock software and reset the password.



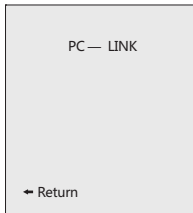
PC LINK

Hotel configuration and other basic info should be loaded from PC lock software before its first-time running.

Select "PC LINK" from main menu and then press "En" button, the following menu appears.

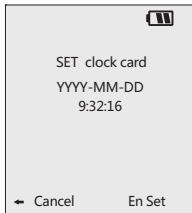
When hand terminal is on this status , all data can be transferred between lock software and the hand terminal.
1)Hotel configuration and some basic info are loaded into terminal.
2)Hand terminal info is transferred to the PC lock software.

Connect the hand terminal to the computer via USB data cable. then enter lock software→ [Card Management] → [Special card]→ [Hand terminal], and press "initialize hand terminal" and "Export Room info" button to load hotel info into the terminal.

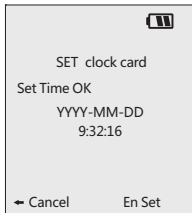


Clock Card

Please select "clock card" from main menu and press En button. The following screen will appear.



Check the time displayed on screen is correct or not, if yes, press "En" button, hand terminal will make one "Bi" noise, meaning it becomes to clock card mode. Present Authorized Card firstly on the lock and then present the hand terminal on the lock, the time of lock will be corrected.



Installation Card

Please select "install card" from main menu and press En button. The following screen will appear.

"Room&Time": to set guest room number and correct time to the lock at one time.

"Public Door&Time": to set door number and time to public door lock at one time.

Please select the correct menu and press "En" button.

Set LV3-ROOM

ROOM
ROOM & TIME
PUBLIC DOOR
PUBLIC DOOR & TIME

Press ^V to choose
← Cancel En OK


If the input 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
Room: 001
Suite: 000

Press ^V to choose
← Return En Set

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

9:32 

ROOM CARD

NAME:
ID:
Amount:

Press ^V to choose
← Cancel En OK

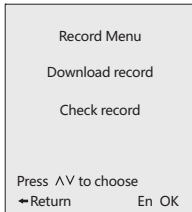
Please press "En" button. The following screen will appear.

When on this menu, present Authorized Card and then hand terminal onto the lock to complete lock programming process.

Set Room OK

Record

Please select "Open Record" from main menu and press "En" button. The following screen will appear.



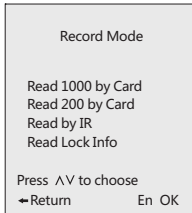
Select "Download record", and press "En" button 4 different record modes will be shown.

Read 1000 by card: only for Hotel lock.

Read 200 by card: for Hotel lock and residential lock.

Read Lock Info: to get lock firmware information for Hotel lock.

Read by IR: not available now.



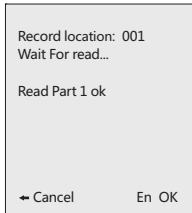
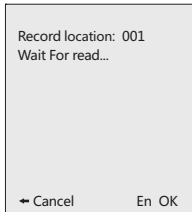
Select "Read 1000 by card" and choose the record location, the following screen will appear.

When on this screen, present data card to the lock, when blue light is on present the hand terminal onto door lock.

When hearing one "Bi" noise from terminal and red and blue light will flickers, meaning data is transferring from lock to terminal. Wait till one "Bi" noise and the blue light stays on, press "En" button to save Data Part 1. When the red light of hand terminal flickers, it means the data Part 1 is saving to the hand terminal memory.

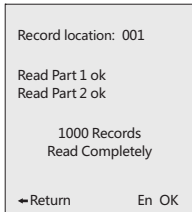
Wait till hearing a another "Bi" noise from hand terminal and the screen showing "Read part 1 OK", meaning Data Part 1 has been transferred to hand terminal successfully.

Present hand terminal to the lock again, continue the same operation to retrieve the Data Part 2 and Part 3.



Record retrieve completes when this screen appears.

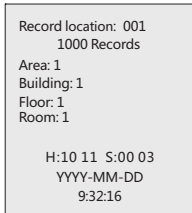
"Read 200 records" and "Read lock info" is the same step as "Read 1000 record".



Select "Check record":to check the data which is downloaded from door lock PCB
It returns to main menu by pressing "←" button.

select "PC Link": To transfer all data into PC, on terminal.

Hardware version: "H:10 11"
Software version: "S:00 03"

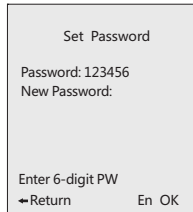


Set Password

Please select "set password" from main menu and press "En" button.

The following screen will appear.

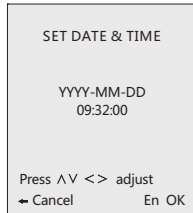
The old password can be seen on the screen. Input a new 6-digit number can reset the password.



Set Date & Time

Please select "set date&time" from main menu and press "En" button.
The following screen will appear.

User can update the clock for lock



Stop Lock

Select "Stop lock" option from main menu and press "En" button. Press "En" button again to set the hand terminal into "Stop" mode.

This function is to stop lock's unlocking temporarily.

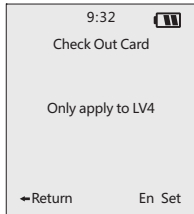
Procedure: Present Authorized Card on lock then present hand terminal on lock, all cards will stop using except "Emergency Card" and "Master Card".

Repeat the above operations can cancel the "Stop" function.



Check Out Card

Select "Check out Card" option from main menu and press "En" button to set the hand terminal into "Check out Card" mode. This function is used for check out. Present Authorized Card or other access cards to the lock, and then the hand terminal, guest cards will be out of use. (the function is only opened to some special customers)



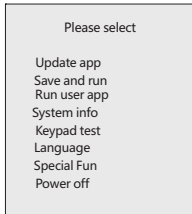
Power Off

Select "power off" to turn off the hand terminal.

Additional Function

Long press 1 + Power button, additional function page will be shown.

User can use additional functions according to their needs.



Trouble Shooting

1. No power on terminal unit:

Batteries run out. Please replace them with new batteries.

Or the battery house was corroded by battery acid liquid or get oxidation. Please contact local dealer to fix it or replace with a new hand terminal with charge.

2. User password is not correct:

Reset the password via connecting to PC lock software

Warning

- Don't put too much pressure on the LCD screen and avoid strong impact, otherwise the LCD screen will be broken.
- Press the buttons with fingers only. Pointed object will damage the surface of the keypad and cause a short circuit for the hand terminal.
- Don't take out the battery during the power is on or it may cause data loss.
- Don't face down the hand terminal or it may cause abnormal operation of the keypad.
- Use a soft and dry cloth to clean the hand terminal if necessary.