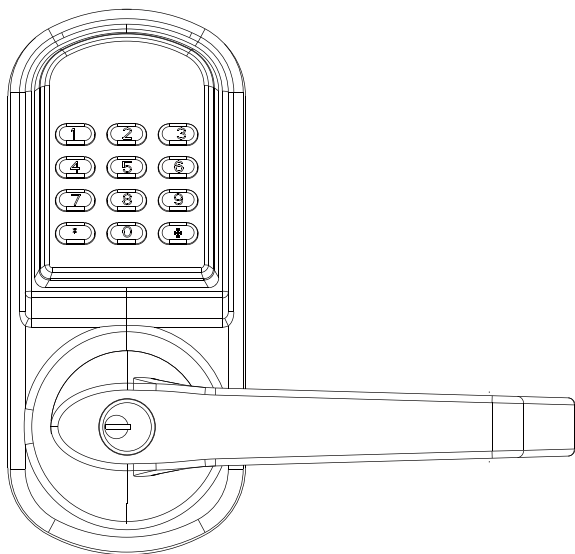# Keypad lock

Manual
Operation Guide

General Information:

- **Exit setting mode:** Enter * to exit the setting procedure, or wait for 10 seconds

- **Low battery warning:** When the voltage drops below 4.8V, after entering a valid code, the will be alarm.

- **Easy operation :** Convenient keypad programming,simple to use.

- **Reset:** Set the lock back to manufacture default. Press and hold the reset button for about 10 seconds .
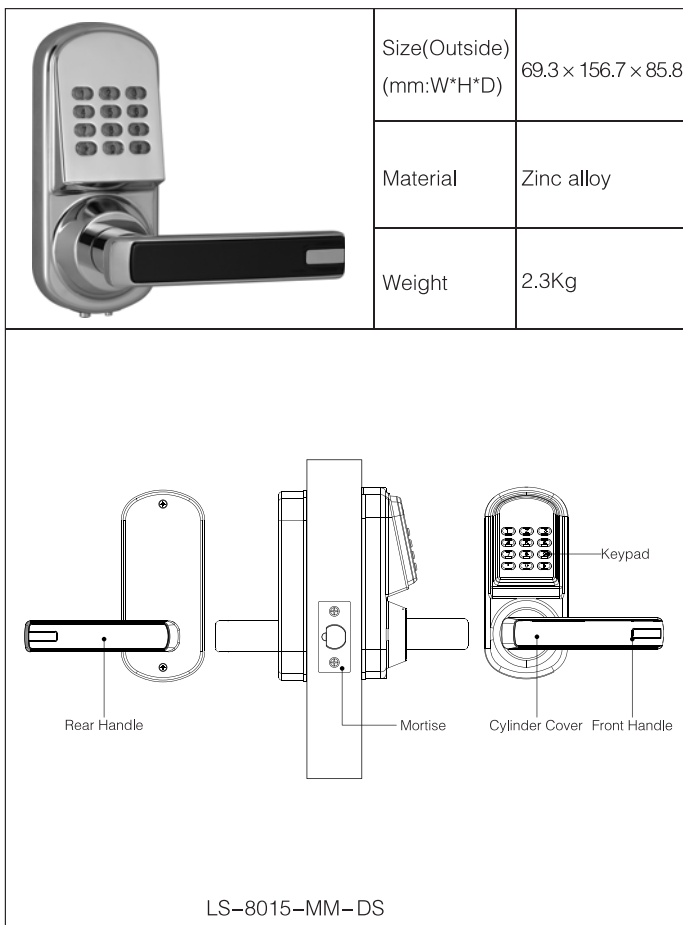 The reset button is located below the battery holder. (See Picture)

Reset Button
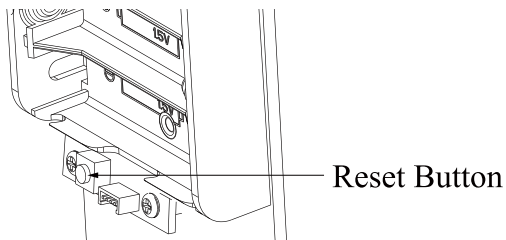
Factory Default Setting
- Default programming code:123456
- Construction code:0#

Product Introduction
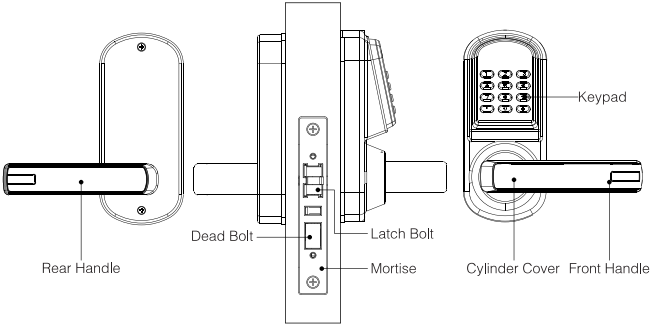
1.Product Introduction

1.1、LS-8015-MM-DS

	Size(Outside) (mm:W*H*D)	69.3×156.7×85.8
	Material	Zinc alloy
	Weight	2.3Kg

Rear Handle   Mortise   Cylinder Cover Front Handle   Keypad

LS-8015-MM-DS

1.2、LS-8015-MM-9500

	Size(Outside) (mm:W*H*D)	69.3 × 156.7 × 85.8
	Material	Zinc alloy
	Weight	2.8Kg

Keypad

Rear Handle

Dead Bolt

Latch Bolt

Mortise

Cylinder Cover   Front Handle

LS-8015-MM-9500

4、Packing List

4.1、LS-8015-MM-DS Packing List

1.Front panel	2.Rear panel	3.Front and rear panel waterproof rubber gaskets(2pcs)
4.Single latch mortise	5.Dust Boot	6.Square Shaft
7.Spanner	8.Strike Plate	9.Self-tapping Screw
10.Position Pin	11.Fixed Screw	12.Mechanical Key
13.User Manual	14.Single Latch Mortise Drilling Figure	

4.2、LS−8015−MM−9500 Packing List

1.Front panel	2.Rear panel	3.Front and Rear panel Waterproof Rubber Gaskets(2pcs)
4.Five latch mortise	5.Dust Bootx	6.Square Shaft
7.Spanner	8.Strike Plate	9.Self−tapping Screw
10.Position Pin	11.Fixed Screw	12.Mechanical Key
13.User Manual	14.Five Latch Mortise Drilling Figure	

Keypad lock

Manual Operation Guide
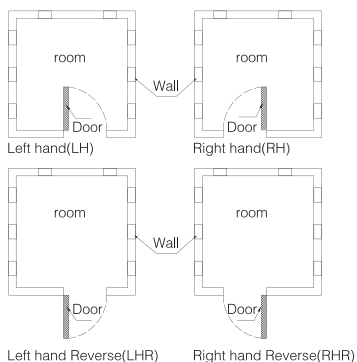
Dig Through the Shaded Area

Handle Centerline

Installation Guide

1、Installation Conditions

1.1. Requirement of Door Thickness

- Lock edging ≥110mm (doors with different thickness)
- 38mm≤door thickness ≤60mm(if door thickness ≥60mm, it needs customized parts)

1.2. Confirmation for Door— opening Direction

room Wall Door Left hand(LH)	room Door Right hand(RH)
room Wall Door Left hand Reverse(LHR)	room Door Right hand Reverse(RHR)

2、Installation Tool

1.Pencil	2.Tape	3.Angle Square
4.Manual Electric Drill	5.Drill	6.Hammer
7. Art Knife	8.Screwdriver	9.Chisel

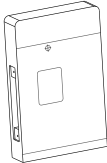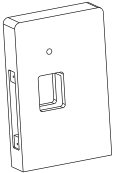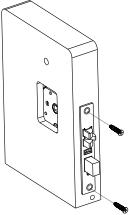# 3、Drilling template
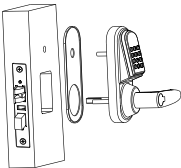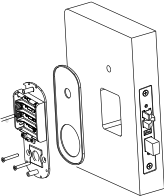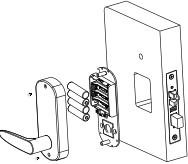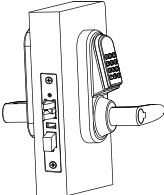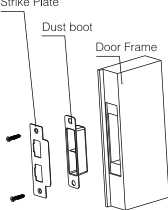
3.1、Single latch mortise lock template

Handle Centerline

3.2、Five latch mortise lock template

Handle Centerline

Dig the shade area
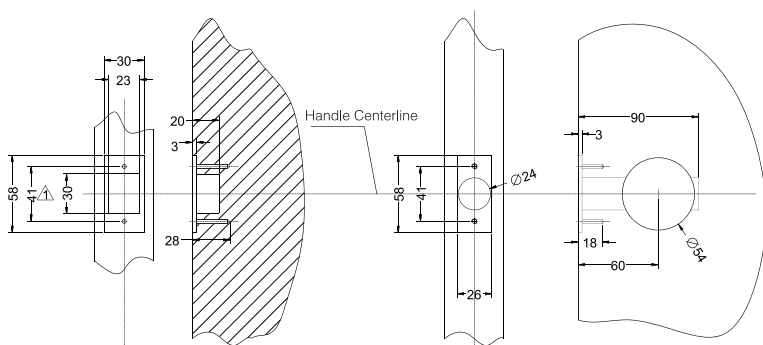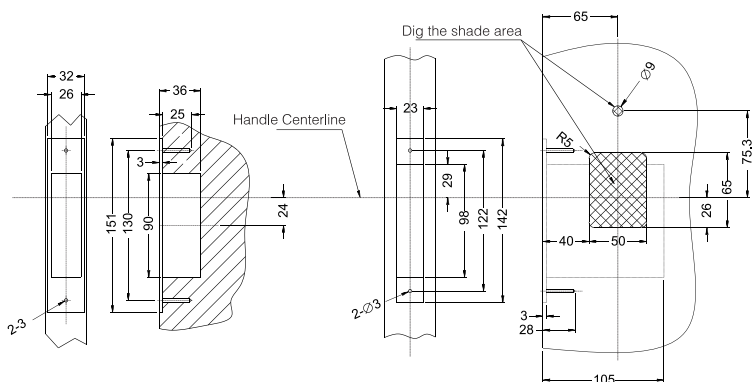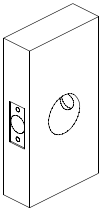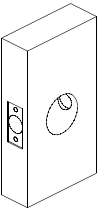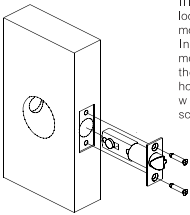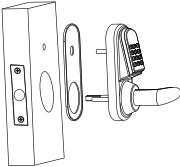
4、Installation Steps

4.1、Installation Steps of Lock With Five Latch Mortise

I. Draw lines
1.Draw a horizontal center line at place 1m above the ground both inside and outside the door.
2. Fold the template, align the handle center line of drilling template and horizontal line on the door, and then draw the line on the front and side door according to the requirements of drilling template.

II. Drill hole
According to the drilling template, drill hole for lock panel and mortise.

III. Install lock mortise
Install the mortise into the mortise hole and fix with 2 screws.

IV. Front panel installation
1.Insert the square shaft into the center hub . Insert the position pin into the hole on the center hub to secure the square shaft. Bend the end of position pin around the center hub to secure the pin in place.
2,Screw in and tighten the two fastener extensions into the front lock fastener posts located on both side of the center hub. Attach and tighten the upper fastener extension if needed. Note: The upper fastener extension is optional
3. Place the front lock housing onto the door, with the rubber gasket between the door and lock housing. Feed the power plug through the hole;

V. Rear panel installation
1. Attach the battery plate onto the door, with the rubber gasket between the door and battery plate. Make sure the power plug go through the hole on the plate. Secure the battery plate to front lock fastener post with 2 screws. Fasten upper fastener post

VI. Battery installation
Install batteries, and plug in the power cable. Fasten with 2 screws.

VII. Debug after the completion of installation
1.Turn the handle, and check the flexibility of the handle of both the front and back panel.
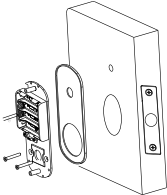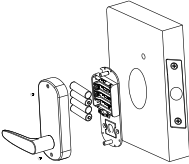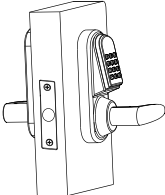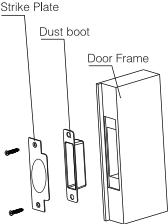2.Remove the cylinder cover, insert the mechanical key and turn the key clockwise to the 90°, then turn front handle to open the door. Check whether the key can normally open the door.
3.Set the door lock according to the door lock operation guide, and then test the door lock,

Strike Plate
Dust boot
Door Frame

VIII. Door strike installation
1. Make the door closed to the door frame, then draw the location of latch and hole of door frame on the door frame,
2. Put the strike box and strike plate into the hole based on the sequences shown on the left picture, then fix the strike plate with 2 screws.
3. Check whether the latch can completely reach out after shut the door.

4.2、Installation Steps of Lock With Single Latch Mortise

I. Draw lines
1. Draw a horizontal center line at place 1m above the ground both inside and outside the door.
2. Fold the template, align the handle center line of drilling template and horizontal line on the door, and then draw the line on the front and side door according to the require- ments of drilling template.

II. Drill hole
According to the drilling template, drill hole for lock panel and mortise.

III. Install lock mortise
Install the mortise into the mortise hole and fix with 2 screws.

V. Front panel installation
1. Insert the square shaft into the center hub . Insert the position pin into the hole on the center hub to secure the square shaft, Bend the end of position pin around the center hub to secure the pin in place,
2. Screw in and tighten the two fastener extensions into the front lock fastener posts located on both side of the center hub. Attach and tighten the upper fastener extension if needed. Note: The upper fastener extension is optional
3. Place the front lock housing onto the door, with the rubber gasket between the door and lock housing. Feed the power plug through the hole;

V. Rear panel installation
1. Attach the battery plate onto the door, with the rubber gasket between the door and battery plate. Make sure the power plug go through the hole on the plate. Secure the battery plate to front lock fastener post with 2 screws. Fasten upper fastener post

VI. Battery installation
Install batter- ies, and plug in the power cable. Fasten with 2 screws.

VII. Debug after the completion of installation
1. Turn the handle, and check the flexibility of the handle of both the front and back panel,
2. Remove the cylinder cover, insert the mechanical key and turn the key clockwise to the 90°, then turn front handle to open the door. Check whether the key can normally open the door.
3. Set the door lock accord- ing to the door lock opera- tion guide, and then test the door lock,

VIII. Door strike installa- tion
1. Make the door closed to the door frame, then draw the location of latch and hole of door frame on the door frame,
2. Put the strike box and strike plate into the hole based on the sequences shown on the left picture, then fix the strike plate with 2 screws.
3. Check whether the latch can completely reach out after shut the door.

Strike Plate
Dust boot
Door Frame

Steps to setup a new lock (please follow the order)

a. Change master code (For example, change to 1234)

    # 123456 # 11 # 1234 # 1234 #

b. Enable daylight saving (optional)

    # 1234 # 31 #

c. Set lock time (optional) (For example, set time as January
    23, 2008, 2:45PM)

    # 1234 # 88 # 0801231445#

d. Add user code (For example, add 1357 to the lock)

    # 1234 # 01 # 1357 # # #

❖ Set schedule for user code (see 23 How to program schedule
    week & time)

Types to operate the lock:

- Keycode: User Code, #

- One time service code: One time code, #

- Manual key: Turn the override key 90 degree clockwise, then
  turn the handle

Construction code: Installer code is a default temporary code (0) for installer to testing the lock. The code will be deleted after the first new user code is added to the lock.

User code: User code is the normal code for day-to-day operations.

Service code: Service codes are used for a special purpose such as maintenance personnel or vendors. Service code only grants one time access. Total of 10 sets of service codes can be programmed to each lock.

Index #*: For each user code , it is associate with a unique number, we call it index# (or slot#). The Index # is auto generated by lock and starts with 001. The highest Index# will be 200. Total user index is 200 that can be added to each lock. (* Please log the user code along with its index # for deleting reference)

Passage mode: When Passage Mode is enabled, the lock will stay in unlocked status after first valid entry. Enter a valid entry codeto lock back the door.

Storehouse mode (Lock-back mode): For each valid entry, lock will automatically lock back in 5 seconds.

Lockout mode: Enable the Lockout mode will freeze the lock at its current status (Lock or unlock), temporarily disable all the user codes. Re-enter the function code 99 to disable the lockout mode, and resume normal operation.

Functions Detail

1. How to change master code (but not delete existing users)
❑ Function Code: 11#
  ➢ {#}+{default master code#}+{11#}+{new master code#}+{new master code#}

2. How to change master code (and delete all existing users)
❑ Function code: 22#
  ➢ {#}+{current master code#}+{22#}+{new master code#}+{new master code#}

3. How to enable daytime saving function
❑ Function Code: 31#
  ➢ {#Master code#}+{31#}

4. How to set date and time
❑ Function Code: 88#
  ➢ {#Master code#}+{88#}+{yymmddhhmm#}

5. How to add one user code (no time restriction)
❑ Function Code: 01#
  ➢ {#Master code#}+{01#}+{user code# # #}

6. How to add multi-user code (no time restriction)
❑ Function Code: 01#
  ➢ {#Master code#}+{01#}+{user code(1)# # #}+{user code(2)# # #}+{user code3###} … and more if needed

7. How to add one user access code (with time restriction)
❑ Function Code: 01#
  ➢ {#Master code#}+{01#}+{user code#}+{yymmddhhmm# (start time)}+{yymmddhhmm#(ending time)}

8. How to add multi-user code (with time restriction)
❑ Function Code: 01#
  ➢ {#Master code#}+{01#}+{user code#(1)}+

{yymmddhhmm#(start)}+{yymmddhhmm#(ending time)}+
{user code#(2)}+{yymmddhhmm#(start)}+{yymmddhhmm#
(ending)} …and more if needed

9. How to disable one user code with index #
- ❑ Function Code: 02#
  - ➢ {#Master code#}+{02#}+{index #}

10. How to enable one user code with index#
- ❑ Function Code: 03#
  - ➢ {#Master code#}+{03#}+{index code#}

11. How to enable passage mode and schedule (lock back when the passage mode end)
- ❑ Function Code: 15#
  - ➢ {#Program#}+{15#}+{weekly schedule}+{#}+{begin time & ending time#}

12. How to disable passage mode
- ❑ Function Code: 16#
  - ➢ {#Master#}+{16#}

13. How to disable daytime saving
- ❑ Function Code: 32#
  - ➢ {#Master code#}+{32#}

14. How to set up one time service code (up to 10 service codes)
- ❑ Function Code: 33#
  - ➢ {#Master code#}+{33#}+{service code(1)#}+ {service code(2)#}+… and so on

15. How to delete user code with index #
- ❑ Function Code: 44#

{#Master code#}+{44#}+{index#}

16. How to enable auto-unlock function
❑   Function Code: 64#
   ➤   {#Master code#}+{64#}

17. How to setup auto-unlock time (it will auto unlock the door everyday at assigned time)
❑   Function Code: 63#
   ➤   {#Master code#}+{63#}+{HHMM#}

18. How to disable auto-unlock function
❑   Function Code: 65#
   ➤   {#Master code#}+{65#}

19. How to enable auto-lock function
❑   Function Code: 67#
   ➤   {#Master code#}+{67#}

20.How to setup auto-lock time (it will auto lock the door everyday at assigned time)
❑   Function Code: 66#
   ➤   {#Master code#}+{66#}+{HHMM#}

21. How to disable auto-lock function
❑   Function Code: 68#
   ➤   {#Master code#}+{68#}

22. How to enable / disable Lock-out mode (lock out all the users if enabled)
❑   Function Code: 99#
   ➤   {#Master#}+{99#}

23. How to program scheduling by week & time
❑   Function Code: (45#)
   ➤   1st enable daylight saving
   ➤   2nd set up date & time (use 88# function code)
   ➤   3rd adding user code or iButton key in advance (see No.5 or No.9 how to add user code)
   ➤   4th program schedule (as below example)

Weekly Schedule Format

Sun	Mon	Tue	Wed	Thu	Fri	Sat
7	1	2	3	4	5	6

Formula: {#master code#}+{function code#}+{user code# +{weekly schedule day}+{begin time & ending time#}

● How to schedule with a "Code user"
Example: schedule for user code "2222" which will grant access Mon., Wed. and Fri., from 8:30AM to 5:30PM

#1357#	45#	2222#	135#	0830	1730#
Master code	Function code	User code	Schedule	Beginning time	Ending time

❖How to schedule passage mode
Example: schedule passage mode Monday to Friday, 8:30AM to 5:30PM

#1357#	15#	12345#	0830	1730#
Master code	Function code	Schedule	Beginning time	Ending time