

YoLink Smart Lock (Deadbolt)

YS7616-UC



Installation & User Guide

Revision Aug. 22, 2024

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A Welcome

Thank you for purchasing YoLink products! We appreciate you trusting YoLink for your smart home & automation needs. Your 100% satisfaction is our goal. If you experience any problems with your installation, with our products or if you have any questions that this manual does not answer, please contact us right away. See the Contact Us section for more info.

Thank you!

YoLink Customer Support

User Guide Conventions

The following icons are used in this guide to convey specific types of information:



Very important information
(can save you time!)



Good to know info but may not
apply to you

B Before You Begin

Visit our YoLink Smart Lock (Deadbolt) support page on our website, for the latest installation guides, additional resources, information and videos by visiting:

<https://www.yosmart.com/support/YS7616-UC>

Or by scanning the QR code:



Download the most current version of the user guide by scanning the QR code:



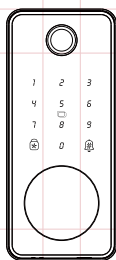
B Before You Begin, Continued



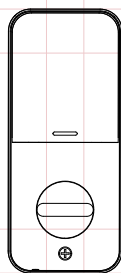
The YoLink Smart Lock (Deadbolt) offers six convenient methods for both unlocking and locking the door: mechanical key, fingerprint, keypad, IC card, YoLink Fob, and the YoLink App. By adding the smart lock to the YoLink App, you can lock or unlock the door remotely and view historical unlock records, including details such as member, method, date, and time. When the door is unlocked, notifications will be sent to you via the YoLink App. Available notification types include email, text/SMS, and push/banner notifications on your Apple or Android smartphone, each configurable within the app settings.



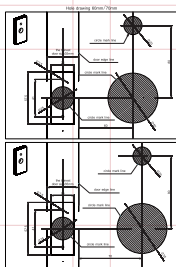
In the Box



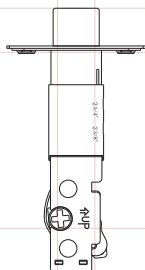
Front Panel



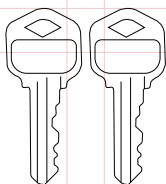
Back Panel



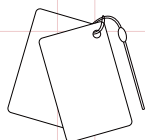
Hole Drawing Paper



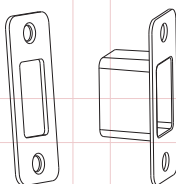
Lock Body



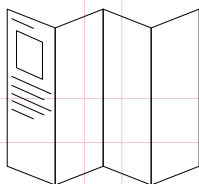
key (2)



IC Card (2)



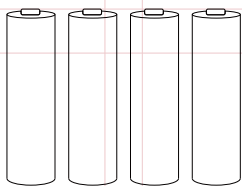
Strike Plate & Buckle Box



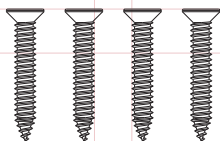
Quick Start Guide

C

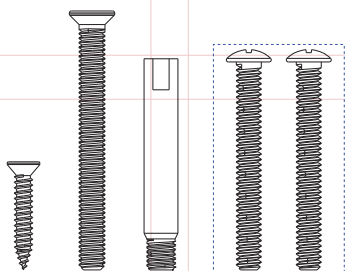
In the Box, Continued



AA Battery (4, Non-rechargeable)



Lock Body Mounting Screws (4)



A1

A2

A3

A4

A1. ST4×20 (NO TOP HOLE)

A2. M4×40 (OPEN THE TOP HOLE)

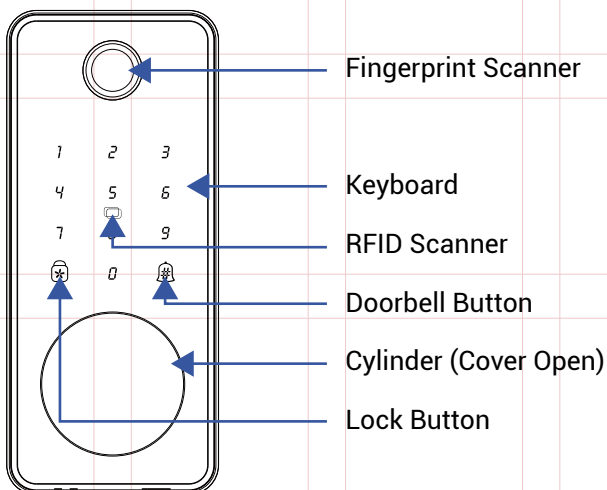
A3. Mounting Stud
(OPEN THE TOP HOLE)

A4. M6×50 Screws (2)

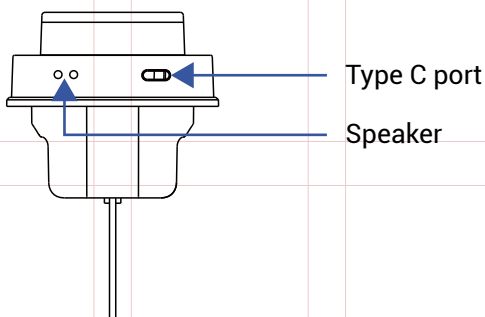
D

Get to Know Your YoLink Smart Lock (Deadbolt)

Front Panel:



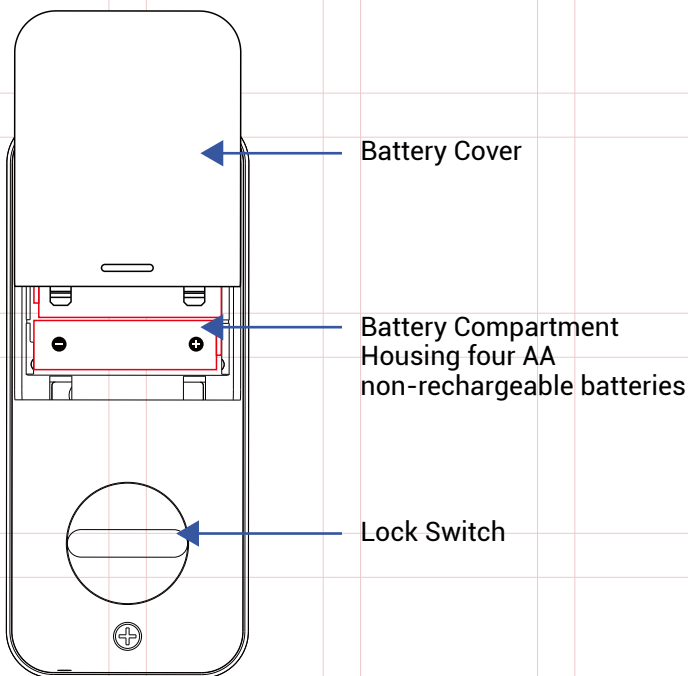
The bottom of front panel:



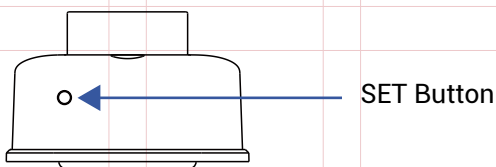
D

Get to Know Your YoLink Smart Lock (Deadbolt), Continued

Back Panel:

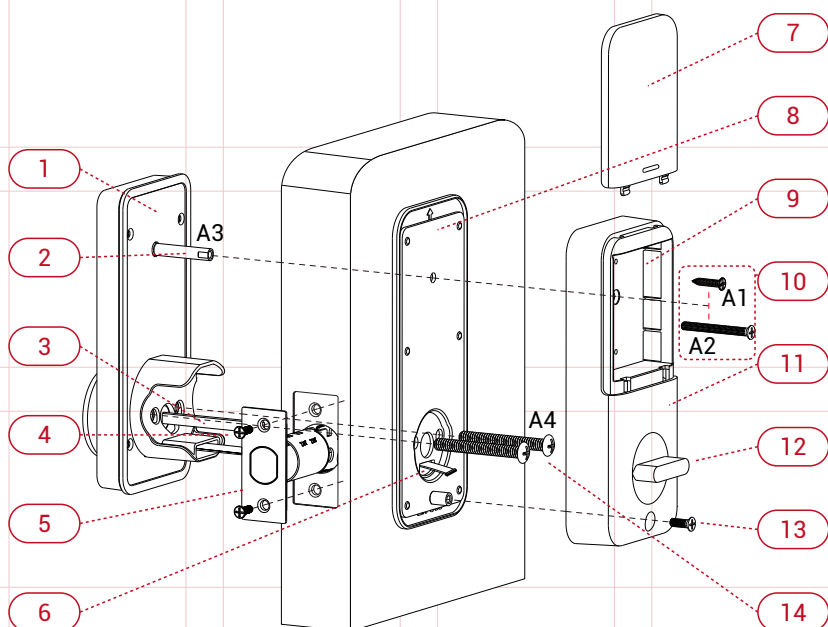


The bottom of back panel:



D

Get to Know Your YoLink Smart Lock (Deadbolt), Continued



1) Front Panel

2) Assemble Screw Bolt

3) Installation Crew
(Do Not Disassemble)

4) Lock Body Screw

5) Cylinder

6) Data Wire

7) Battery cover

8) Back panel parts

9) Battery box

(Turn down to release the buckle)

10) Inner Panel Assemble
Screw 2

(OPEN THE TOP HOLE OR NO
TOP HOLE A2 Or A1)

11) Back Panel

12) Knob

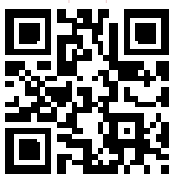
13) Back Panel Assemble
Screw

14) Panel Assemble Screw A4

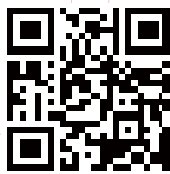
E Install the App

If you are new to YoLink, please install the app on your phone or tablet, if you have not already. Otherwise, please proceed to the next section.

Scan the appropriate QR code below or find the "YoLink app" on the appropriate app store.



Apple phone/tablet
iOS 9.0 or higher



Android phone/tablet
6.0 or higher

Open the app and tap **Sign up for an account**. You will be required to provide a username and a password. Follow the instructions, to set up a new account. Allow notifications, when prompted.

You will immediately receive a welcome email from no-reply@yosmart.com with some helpful information. Please mark the yosmart.com domain as safe, to ensure you receive important messages in the future.

Log in to the app using your new username and password.

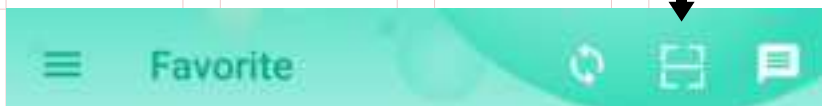
The app opens to the **Favorite** screen. This is where your favorite devices and scenes will be shown. You can organize your devices by room, in the **Rooms** screen, later.

F

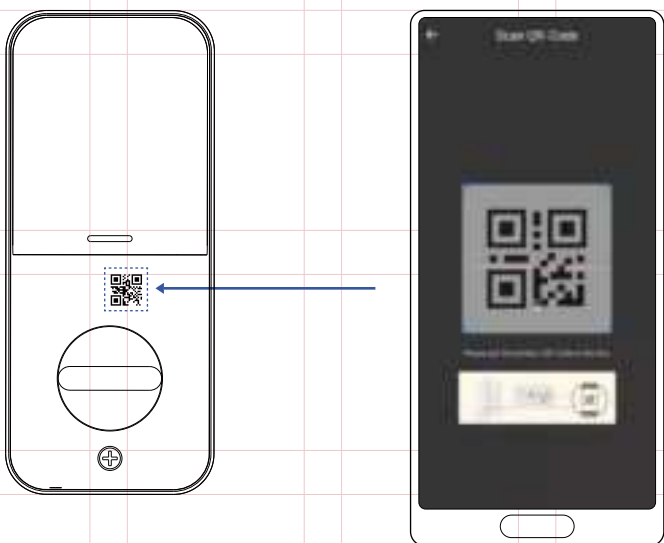
Add Your YoLink Smart Lock (Deadbolt) to the App

1. Tap **Add Device** (if shown) or tap the scanner icon:

Scanner icon



2. Approve access to your phone's camera, if requested. A viewfinder will be shown on the app.



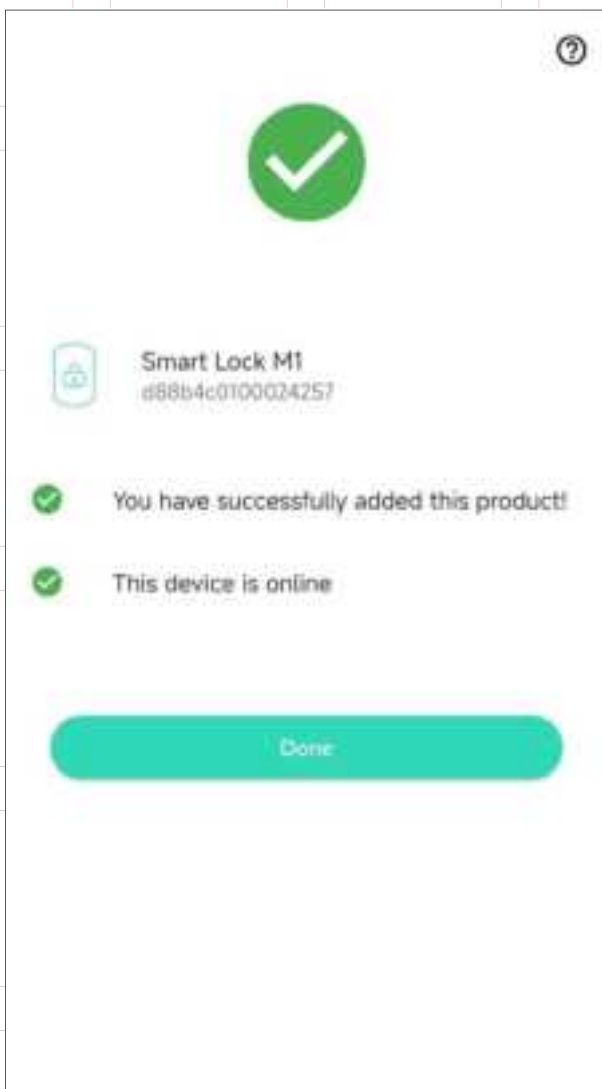
3. Hold the phone over the QR code so that the code appears in the viewfinder. If successful, the **Add Device** screen will be displayed.

F

Add Your YoLink Smart Lock (Deadbolt) to the App, Continued

4. You can change the device name and assign it to a room later. Tap **Bind device**.

5. If successful, the screen will appear as shown. Tap **Done**.



G Installation

Door thickness: 1.38" to 2.16" (35mm to 55mm)

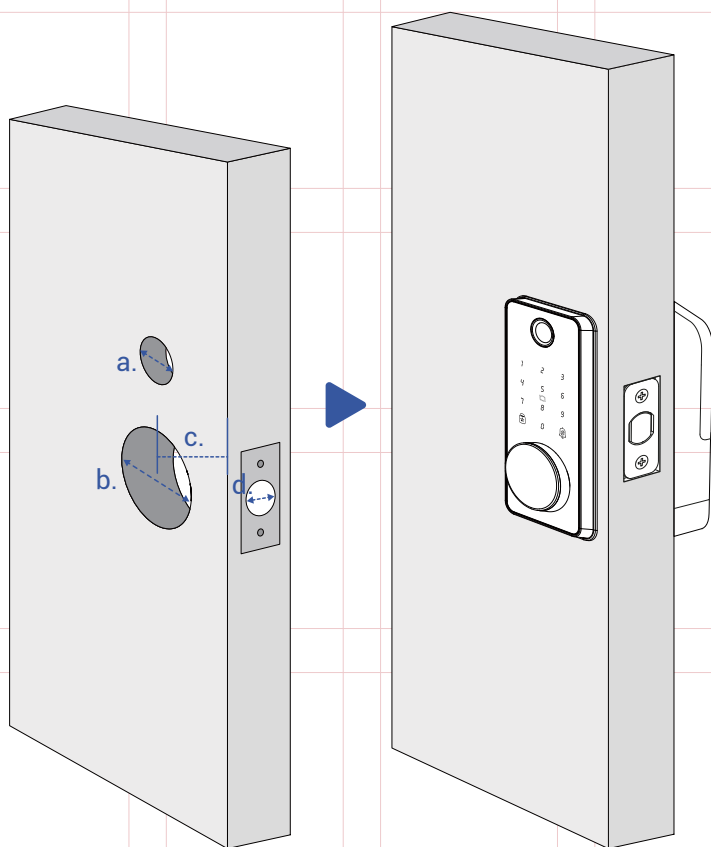
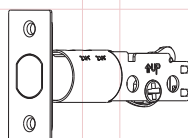
a. Diameter of Front door Small hole 0.78"
(20mm)

- **OPEN THE TOP HOLE OR NO TOP HOLE**

b. Diameter of Lockset Front door hole 2.17"
(55mm)

c. Backset thickness: 2.3" or 2.76" (60mm or
70mm)

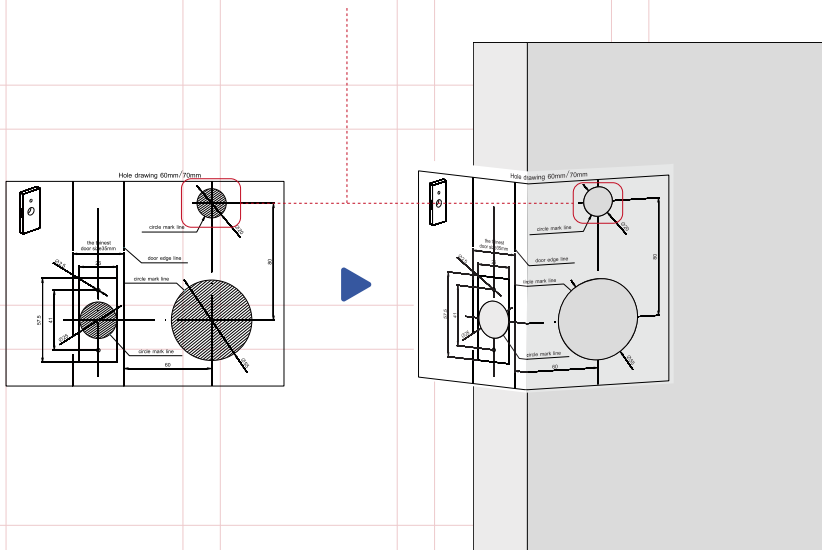
d. Diameter of Lock body
hole 0.98" (25mm)



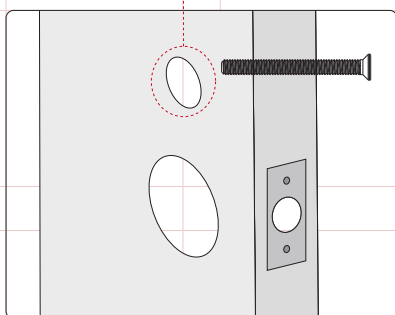
G Installation, Continued

Place the hole drawing papare on the door

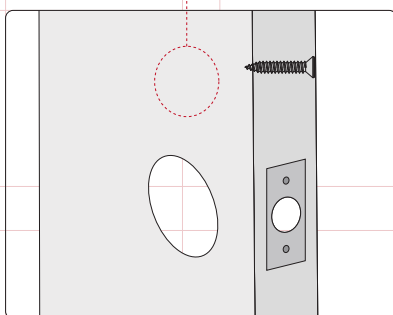
- OPEN THE TOP HOLE OR NO TOP HOLE



OPEN THE TOP HOLE



NO TOP HOLE



G Installation, Continued

1. Prepare the door and check dimensions

a.

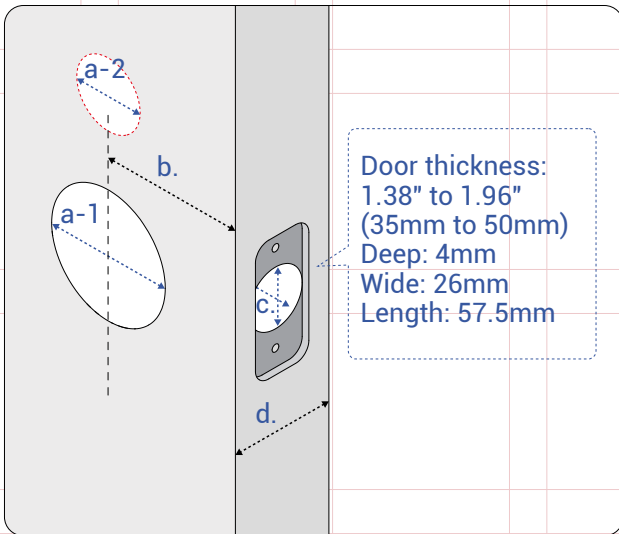
a-1. Measure to confirm that the hole in the door is 2.17" (55mm)

a-2. Measure the small hole on the front door diameter is 0.78" (20 mm), if **OPEN THE TOP HOLE**

b. Measure to confirm that the backset is : 2.3" or 2.76" (60mm or 70mm)

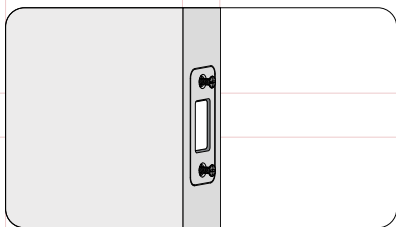
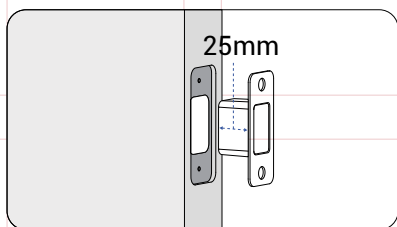
c. Measure to confirm that the hole in the door is 0.98" (25mm)

d. Measure to confirm that door thickness is between 1.38" to 1.96" (35mm to 50mm)



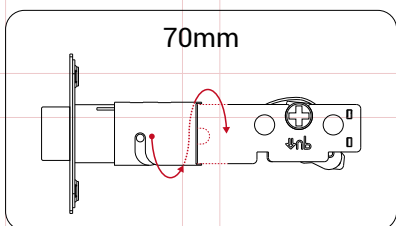
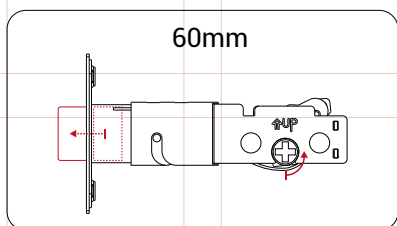
G Installation, Continued

2. Open the strike hole, deep 25 mm, and install it with screw



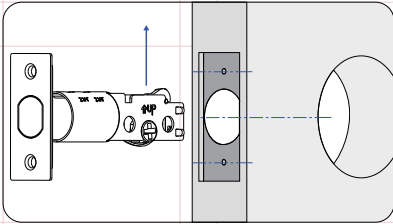
3. Install the Lock Body

- a. The lock body can rotate to lengths of 60mm and 70mm, with 60mm as the default length. Please choose according to the length of the door panel opening. To adjust the lock body length to 70mm, first insert a screwdriver into the lock hole to extend the latch bolt, then rotate the lock body to the desired length. After rotating, retract the latch bolt

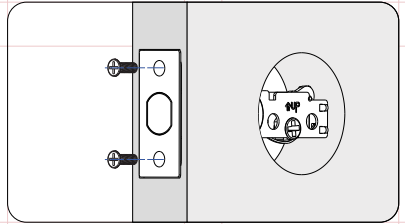


G Installation, Continued

b. Adjust the bar is vertical when installing

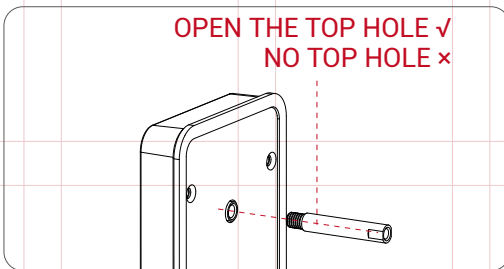


c. Install the lock body into the door panel

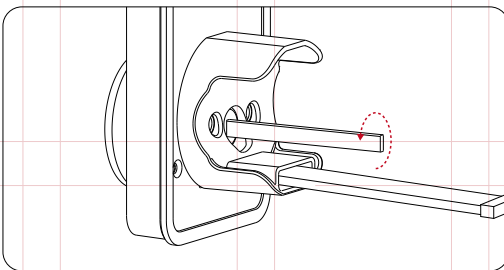


4. Install the mounting stud

a. Install the mounting stud



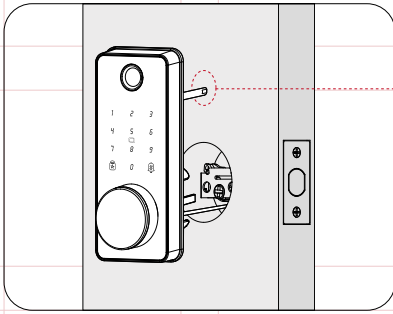
b. Adjust the bar is vertical when installing



G Installation, Continued

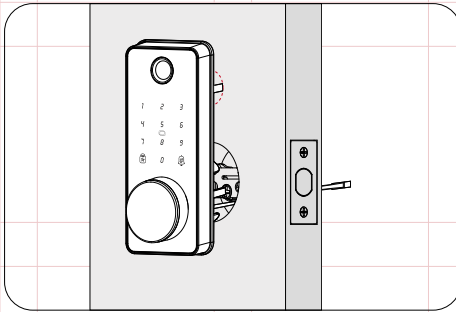
5. Install the Front Panel

a. Thread the cable under the lock body

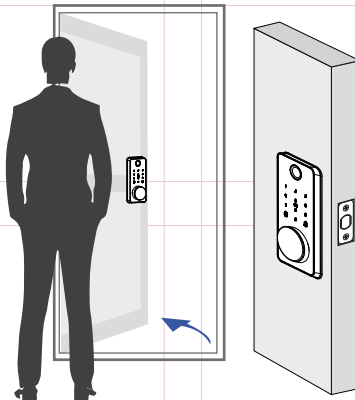


OPEN THE TOP HOLE ✓
NO TOP HOLE ✗

b. Keep the locking bar vertical when installing



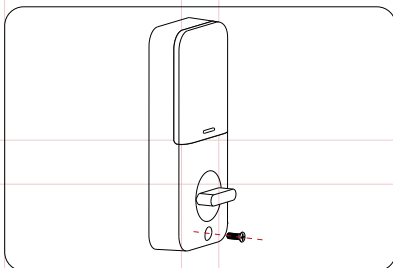
c. Make the panel close to the door surface



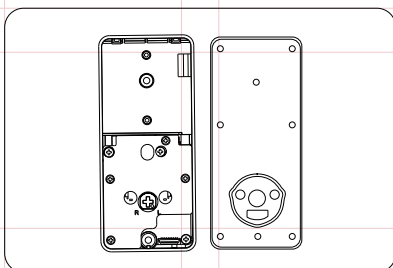
G Installation, Continued

6. Install the Back Mounting plate

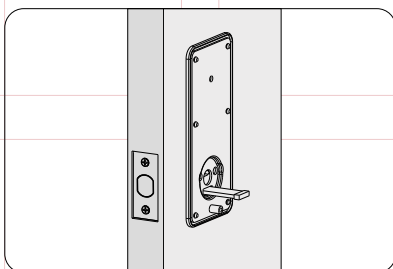
- a. Unscrew the back panel screw, remove the back panel parts



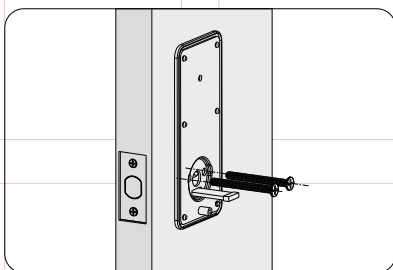
- b. Remove the mounting plate



- c. Place the cable like this in the mounting plate



- d. Secure the mounting plate with the supplied screws



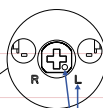
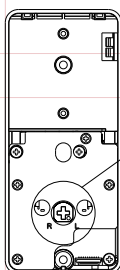
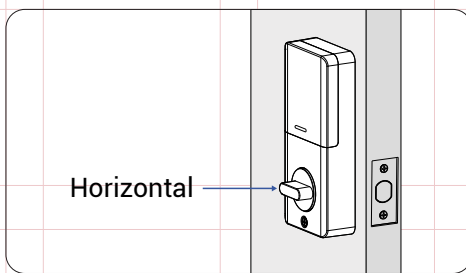
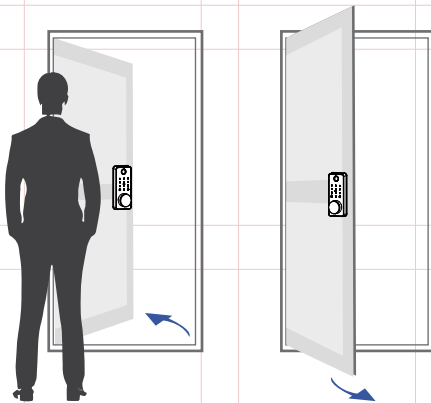
G Installation, Continued

7. According to your actual door open direction to adjust the knob dot direction

Left opening Way door.



The Back panel knob adjusted to horizontal



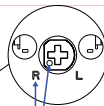
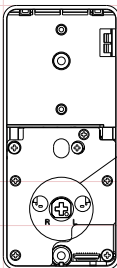
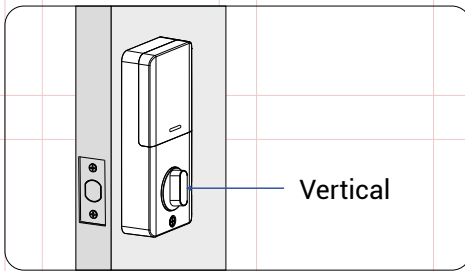
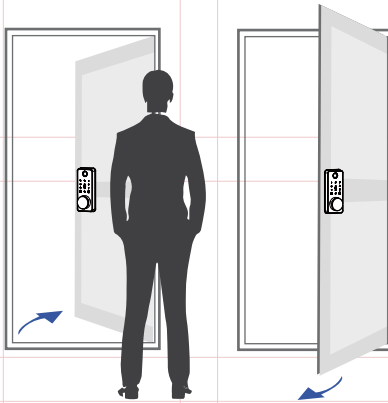
Left-opening door:
points next to "L"

G Installation, Continued

Right opening Way door.



The Back panel knob adjusted to horizontal

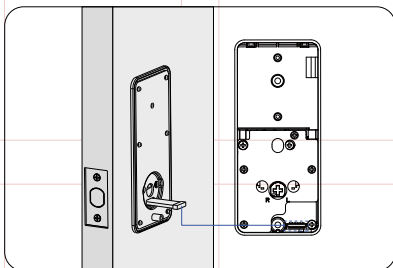


Right-opening door:
points next to "R"

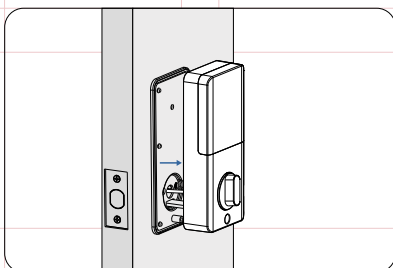
G Installation, Continued

8. Install the Back Panel

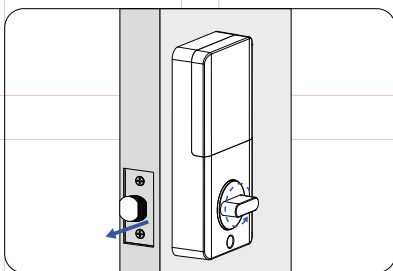
a. Connect the main cable



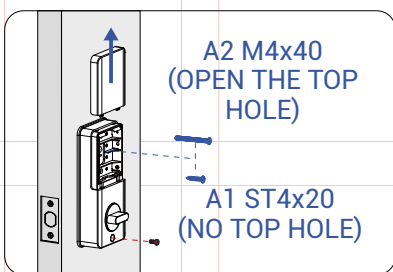
b. Insert the Back panel with direction of correspondence



c. Test if the switch can rotate to open the door. If not, the direction of the knob is incorrect, return to last step to adjust the direction



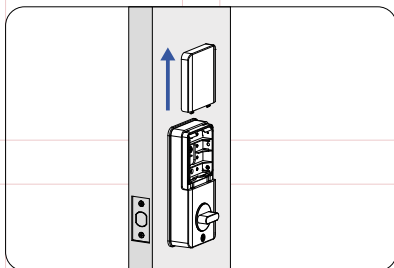
d. Install the screws



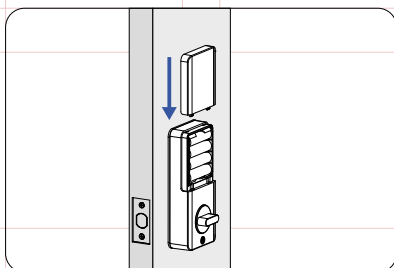
G Installation, Continued

9. Install the battery

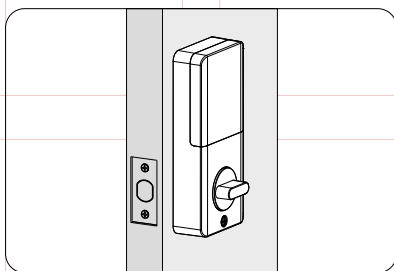
- a. Push upwards to open the battery cover



- b. Install 4 batteries in the battery compartment



- c. Install the battery cover

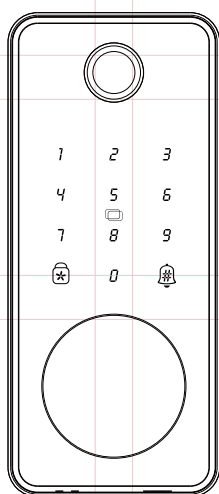


Please press and hold the SET button, next install the batteries, then release the SET button, so that the lock can automatically recognize the door swing direction, whether it opens to the left or to the right.

1. Set the Local Password

Each YoLink Smart Lock (Deadbolt) support only one local password. You will need to set the local password physically.

- Steps: After waking up the keypad, press ***#*#**, then enter a 4-8 digit password, and finally press **#** to confirm.
- The local password can only be set once. To reset it, the device must be restored to factory settings.



For security reasons: If you set the local password before adding the lock to the app, the local password can continue to be used. If you do not set the local password before adding the lock to the app, it will no longer support setting a local password.



2. Unlock the Door

- a) Place your finger on the fingerprint scanner. Once the lock successfully recognizes the fingerprint, the door will unlock.
- b) Enter a password on the front module followed by the # button. When the password is correct and valid, the door will unlock.
- c) Place the IC card on the RFID card scanner. Once the lock successfully recognizes the card, the door will unlock.
- d) Press the "ON" button on the Fob. If the Fob is paired with the lock, the door will unlock.
- e) You can also use a mechanical key to unlock the door.
- f) The door can be unlocked remotely via the app.



Operations, Continued

Scramble Security Feature:

You can enter a valid password before, after or in-between a series of random numbers (up to a total of 21 digits) followed by the “unlocked” button, as shown in Figure I.

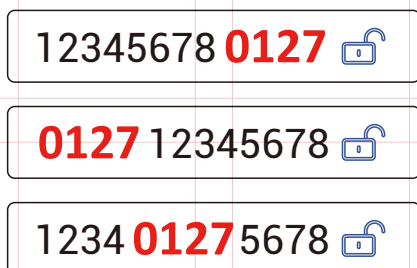
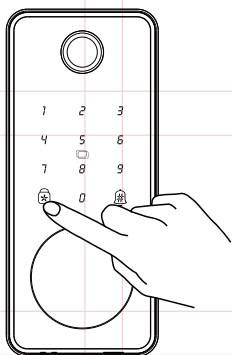



Figure I

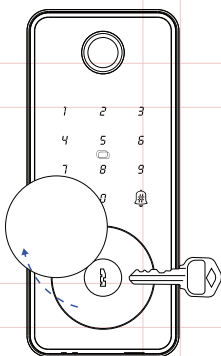


The Lock will be automatically locked for 90 seconds after the wrong password is entered for 5 times in 5 minutes, you can't deal with any operations with the lock. You can unlock the door using a mechanical key or through YoLink app.

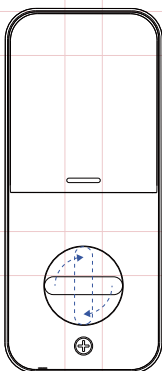
3. Lock the Door



Method A: Press the "  " button



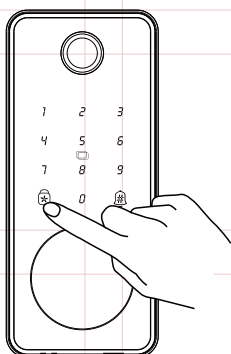
Method B: Use a mechanical key



Method C: Rotate the knob



Operations, Continued



Method D: Auto-lock Settings in the app, default is 10 seconds.

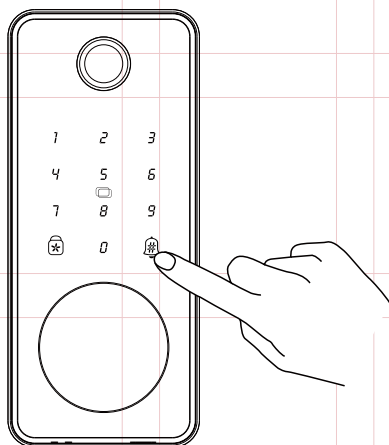
Auto Lock 10 seconds



Make sure you have at least one method to unlock the door before you lock it.

4. Doorbell

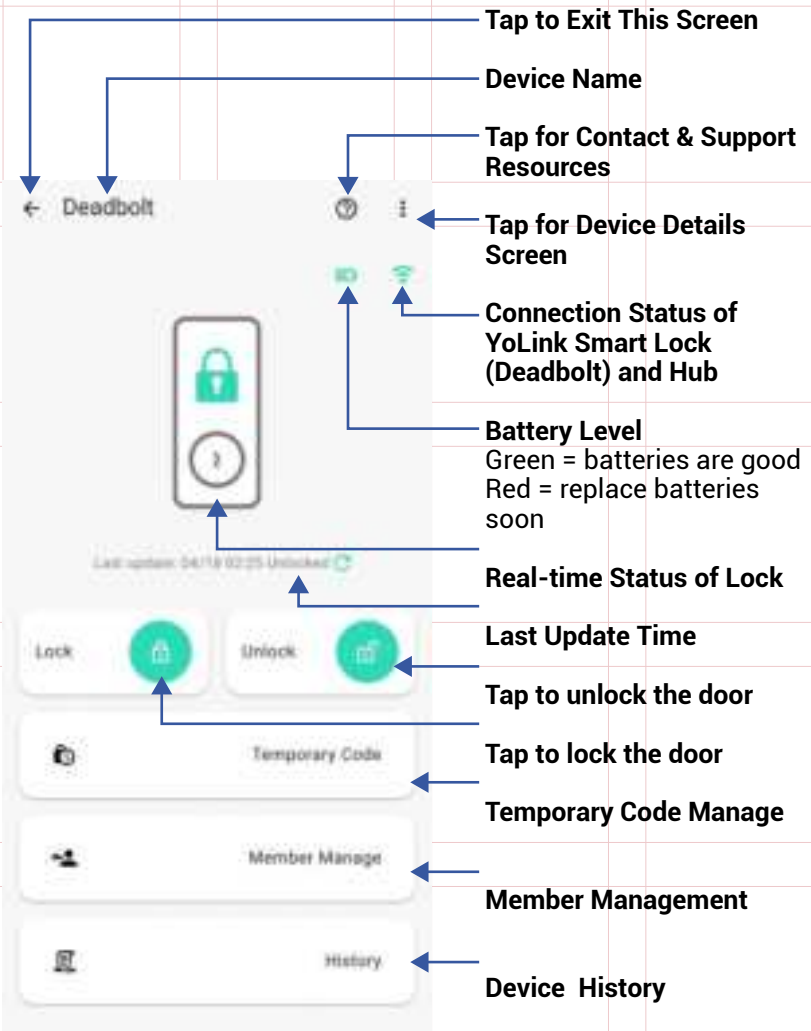
There will be an alert notification sent to your YoLink account to notice you someone is pressing down the doorbell button. Repeatedly pressing the doorbell within 10 seconds will not trigger another notification.





App Functions: Device Screen

In the app, tap on your YoLink Smart Lock (Deadbolt) icon. Your YoLink Smart Lock (Deadbolt) main screen should be similar to the one shown below.





App Functions: Device Details Screen

Tap the three dots (in the upper right corner) to open the YoLink Smart Lock (Deadbolt) **Details** screen. Your Smart Lock's screen should be similar to the one shown below.



Device Type

Device Name
(Tap to Edit)

Room
(Tap to Edit)

Favorite
(Red if Favorite, Tap to Edit)

Alarm Strategy

Device history
Tap to view device history

State

Time
Tap to sync with mobile

Door Swing Direction
Left or Right

Lock Volume

**Tap to Enable/Disable SET
Button Function**

Auto Lock Settings



App Functions: Device Details Screen, Continued



Model Number

Device EUI
Unique Identifier Number

Device Serial Number

Signal Intensity
(From YoLink Hub)

Battery

Firmware Revision
(Refer to page 43)

Remove Device from Current Account
Tap to delete the device from your YoLink account

K

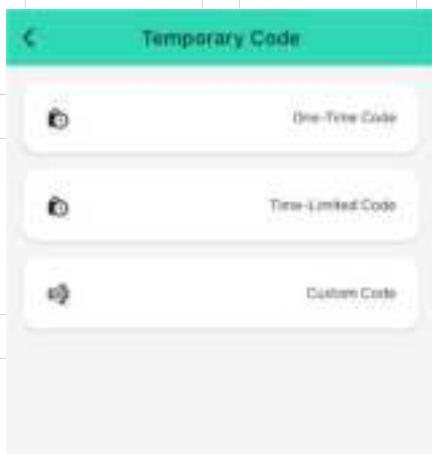
App Functions: Temporary Code Management Screen

Temporary Code includes One-Time Code, Time-limited Code and Custom Code. Each type of temporary code can be added up to four.

One-Time Code is a four-digit number randomly generated by the system and is valid for 24 hours and can only be used once before it expires.

Time-Limited Code is a four-digit number randomly generated by the system, requiring the selection of an effective time and an expiration time.

Custom Code can be either randomly generated or user-defined. The custom code length can be 4 to 8 digits. It requires the selection of an effective time and an expiration time and can be set to repeat weekly or monthly. Additionally, the start and end times for each day need to be specified.

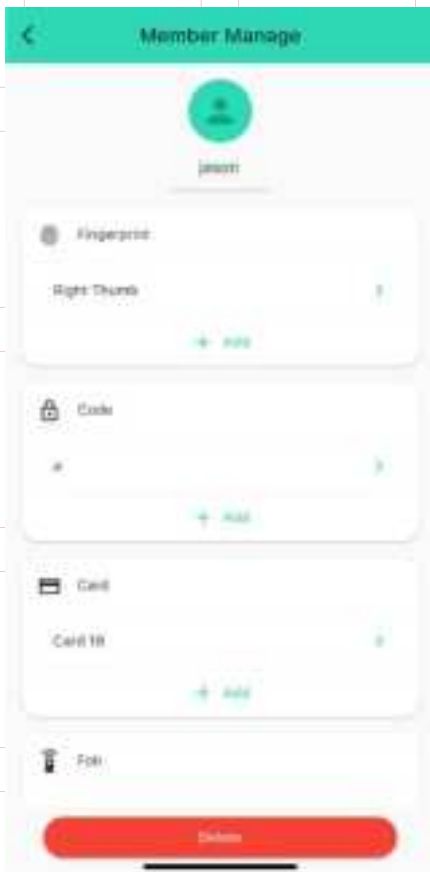




App Functions: Member Management Screen

By default, there is one administrator who cannot be deleted; up to 11 additional members can be added. Clicking on a member's avatar allows you to delete the member.

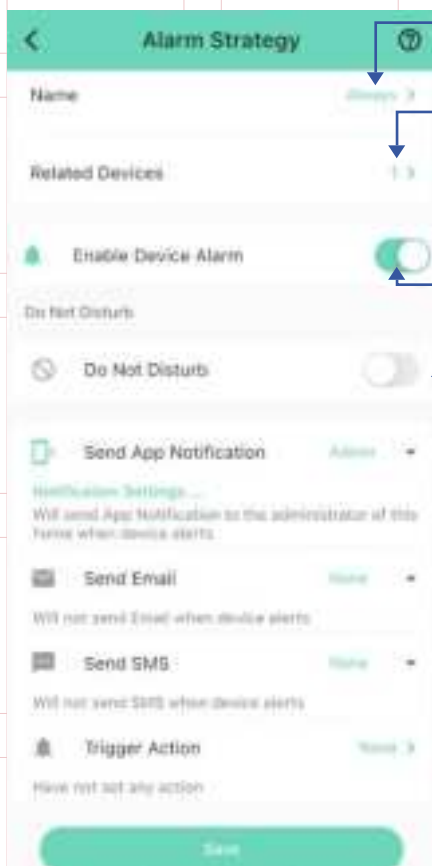
Each member supports four unlocking methods: fingerprint, code, card, and fob. A maximum of 5 unlocking methods can be added per member. Please follow the app instructions to add unlocking methods.





App Functions: Alarm Strategy Screen

You can set up notifications in Alarm Strategy settings, make sure you have enabled App, Email, SMS notification from the app->Menu->Settings->Account Settings->Advanced Settings, and verified your email address and added your phone number in the app.



Strategy Name

Tap to edit the name

Related Devices

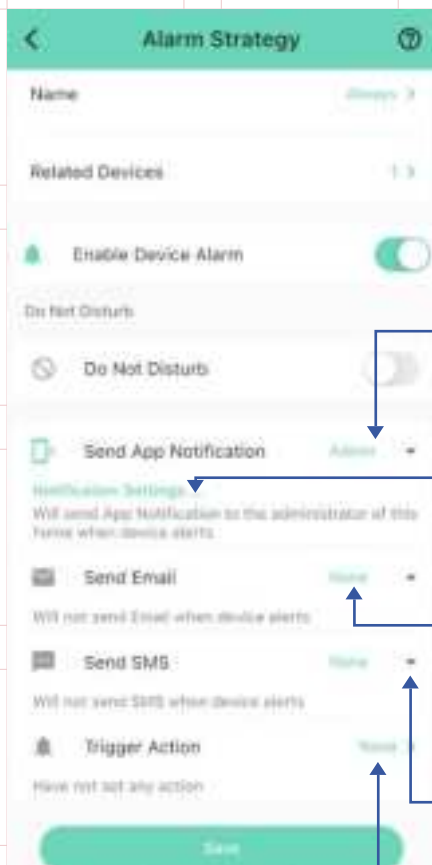
Tap to add more devices (that can alert) to this strategy, a device can be related to only one strategy

Tap to Enable or Disable The Strategy

Tap to Set Up Dnd (Do Not Disturb)



App Functions: Alarm Strategy Screen, Continued



Send App Notification

Tap to select Admin to enable App push, select All, if desired for all members

Notification Settings (iOS only)

Tap to change notification tone, if desired

Send Email

Tap to select Admin to enable email notification, select All, if desired to send to all members

Send SMS

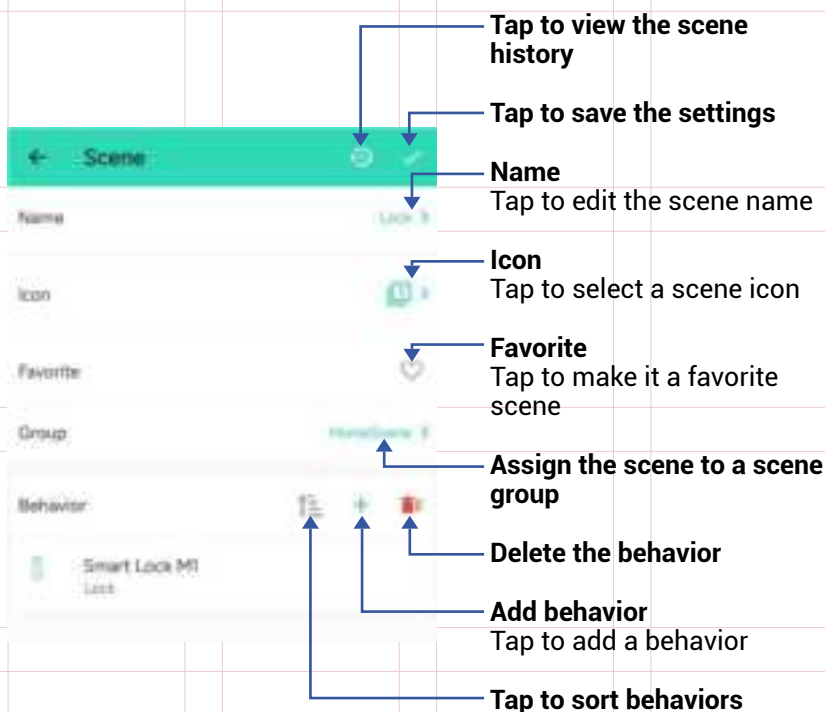
Tap to select Admin to enable limited text messages, select All (subscribe required-starter or standard plan), if desired to send to all members

Trigger Action

Tap to choose trigger actions (YoLink sirens, YoLink SpeakerHubs, scene)

N App Functions: Smart - Scene

Go to App Menu->Settings->Account->Advanced Settings->Enable the control of security devices, then you can set up scene for your YoLink Smart Lock (Deadbolt).

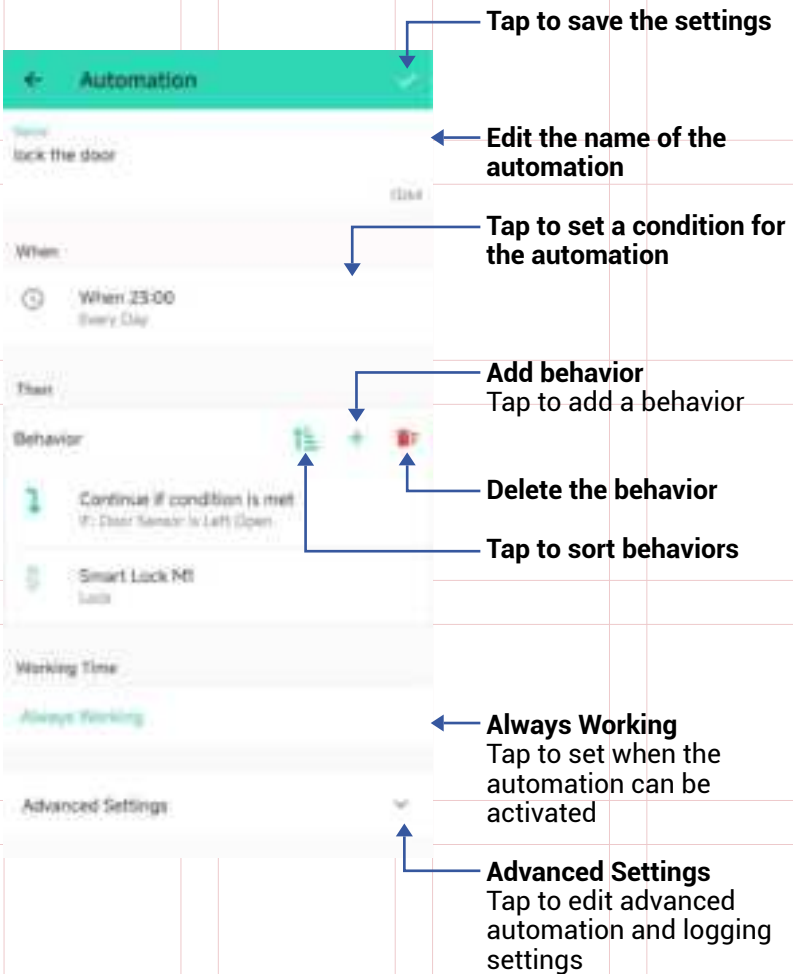


The Scene settings are saved in the cloud.



App Functions: Smart - Automation

The YoLink Smart Lock (Deadbolt) can be set up as condition or action in automation. To set up as an action, firstly go to App Menu->Settings->Account->Advanced Settings->Enable the control of security devices.



The Automation settings are saved in the cloud.

You can edit the Advanced Settings, including save the log, retry if action fails, notify if action fails, etc.

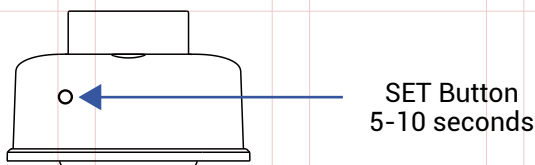
P Control D2D

YoLink Control-D2D is our unique device-to-device control technology. Using YoLink Control-D2D, YoLink devices can be controlled without the Hub or an internet connection. (Use of YoLink Control-D2D is optional; you can use the Automation feature in the app OR use YoLink Control, but YoLink Control-D2D offers the benefit of operation without the Hub or internet connection.) One device controls another directly. A device that sends out commands is called the controller. A device that receives the commands is called the responder. The door lock supports both being a controller and a responder; as a responder, it can be set through the app with a fob, paired in Member Management -> Members -> Fob with the door lock; as a controller, it supports pairing with the YS7103 Siren or YS6803 Plug. When the door is unlocked, the Siren will alarm or the Plug will turn on. You can set this up physically or through the app.

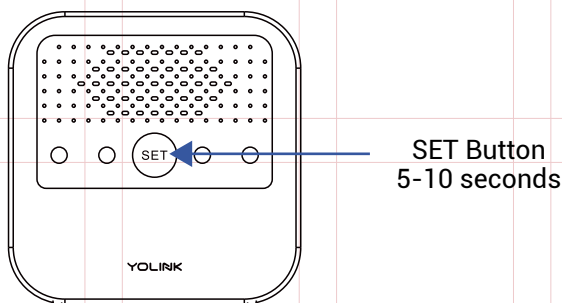
The following instructions use pairing your smart lock with a YoLink Siren physically as an example.

P Control D2D, Continued

1. To configure your Smart Lock as a controller, press and hold the SET button for 5-10 seconds until you hear “Device to Device Pairing Mode,” then release the button.



2. To configure a Siren as the responder, press and hold the SET button for 5-10 seconds until the LED quickly blinks green, then release the button.



3. Upon pairing, the LED will stop blinking (this may happen after only blinking two or three times). When the door is unlocked, the Siren will alarm.



Control D2D, Continued

Unpair your Smart Lock:

1. On the Smart Lock, press and hold the SET button for 10 to 15 seconds until you hear "Device to Device Unpairing Mode," then release the button.
2. On the Siren, press and hold the SET button for 10 to 15 seconds until the LED quickly blinks red, then release the button.



App & 3rd-Party Services

The YoLink Smart Lock (Deadbolt) works with several voice assistants, including Alexa and Google, and it works with other automation platforms such as IFTTT and Home Assistant.

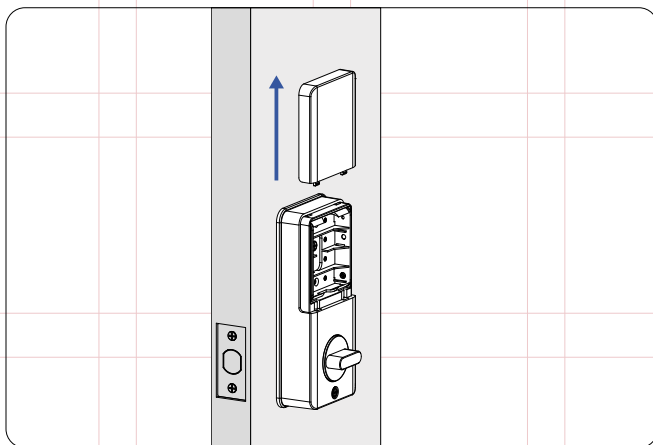
To set up 3rd-party integrations (Alexa, Google and IFTTT), in the app, go to Settings, Third-Party Services, and follow the instructions.

Refer to the Home Assistant website and the YoLink integration page for instructions.

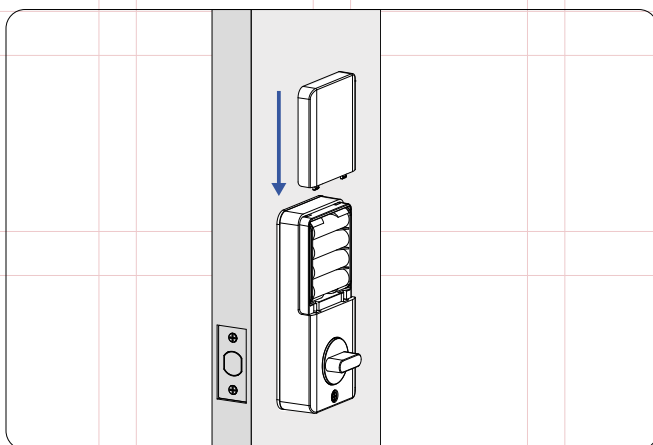
<https://www.home-assistant.io/integrations/yolink/>

R Battery Replacement

- 1** Push upwards to open the battery cover

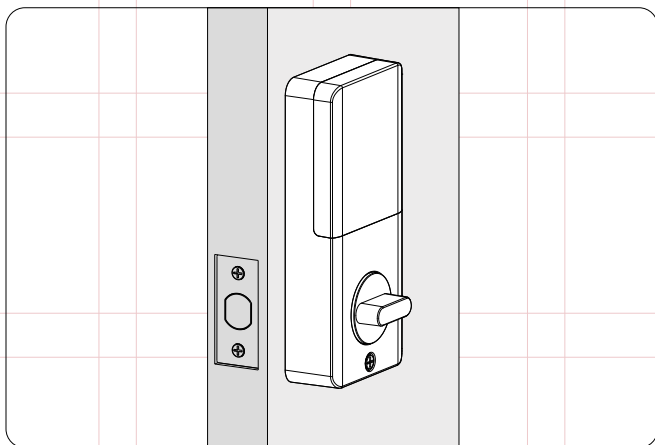


- 2** Install 4 batteries in the battery compartment



R Battery Replacement, Continued

3 Install the battery cover

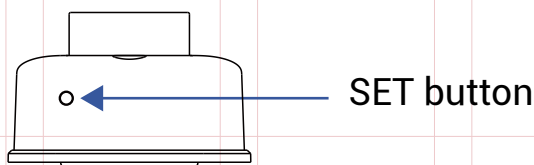


S Factory Reset

Factory reset will erase device settings and restore it to factory default settings. Doing a factory reset will not remove the device from your account and it will not harm the device, or lose any data or require you to redo your automations, etc.

Instructions:

Enable the SET function on the device details page. Hold the SET button down for 20-30 seconds, you will hear "Restoring To Factory Defaults". Then, release the button. (Holding the button down longer than 30 seconds will abort the factory reset operation)



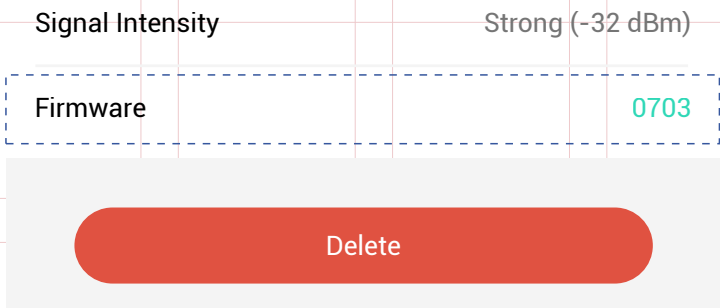
PLEASE NOTE: Only deleting a device from the app will remove it from your account. Factory reset will not delete the device from the app.



Firmware Update

Your YoLink products are constantly being improved, with new features added. It is periodically necessary to make changes to your device's firmware. For optimal performance of your system, and to give you access to all available features for your devices, these firmware updates should be installed when they become available.

In the Detail screen of each device, at the bottom, you will see the Firmware section, as shown in the image below. A firmware update is available for your device if it says "#### ready now"



Tap in this area to start the update.

The device will update automatically, indicating progress by percentage-complete. You may use your device during the update, as the update is performed "in the background". The LED will slowly blink green during the update, and the update may continue for several minutes beyond the LED turning off.



Specifications

| | |
|------------------|-------------------------|
| Working Voltage: | 4 AA Alkaline Batteries |
|------------------|-------------------------|

| | |
|--------------------|------------|
| Low Voltage Alarm: | 4.8 ± 0.2V |
|--------------------|------------|

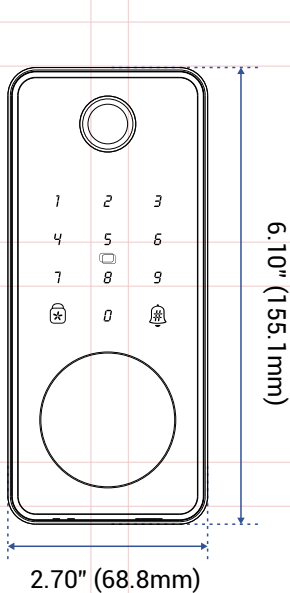
| | |
|----------------------|---------------------------------|
| Working Temperature: | -13°F ~ 158°F (-25°C ~ 70°C) |
|----------------------|---------------------------------|

| | |
|-------------------|--------------------------|
| Working Humidity: | 25-95% Non-Condensing |
|-------------------|--------------------------|

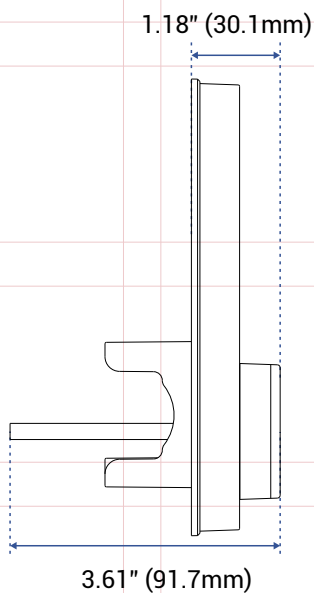
| | |
|----------------------|----------------------------|
| Backup Power Supply: | USB 5V/1A (Type C Port) |
|----------------------|----------------------------|



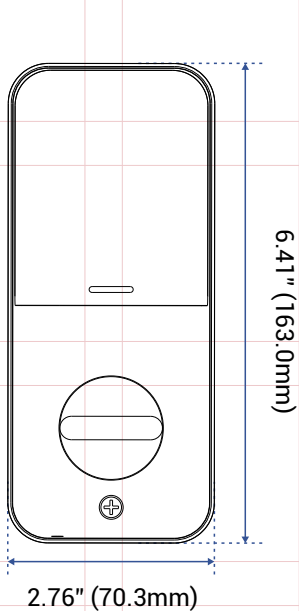
Specifications, Continued



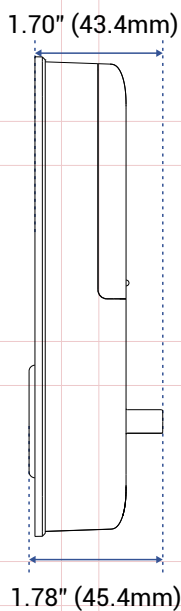
FRONT



SIDE



FRONT



SIDE

V Warnings

- Please install, operate and maintain the YoLink Smart Lock (Deadbolt) only as outlined in this manual. Improper use may damage the unit and/or void the warranty
- Use only new, name brand, alkaline non-rechargeable AA batteries
- Do not use rechargeable batteries
- Do not use zinc blend batteries
- Do not mix new and old batteries
- Do not puncture or damage batteries. Leakage can cause harm on skin contact, and is toxic if ingested
- Do not dispose of batteries in fire as they may explode! Please follow local battery disposal procedures
- Do not install or use the device outside of the temperature and humidity range listed in the Environmental section in Specifications, on page 44
- If your YoLink Smart Lock (Deadbolt) gets dirty, please clean it by wiping it down with a clean, dry cloth. Do not use strong chemicals or detergents, which may discolor or damage the exterior and/or damage the electronics, voiding the warranty

V Warnings, Continued

- Do not install or use this device where it will be subjected to high temperatures and/or open flame
- Do not install or use this device where it will be subjected to physical impacts and/or strong vibration. Physical damage is not covered by the warranty
- To avoid damaging the device, if storing the device for an extended period, remove the batteries
- Please contact Customer Service before attempting to repair, disassemble or modify the device, any of which can void the warranty and permanently damage the device



Warranty

1 Year Limited Electrical Warranty

YoSmart Inc. warrants to the original user ("customer") of this product that it will be free from defects in materials and workmanship, under normal use, for 1 years from the date of purchase. This warranty does not apply to devices that have been improperly installed, modified, put to a use other than designed, or subjected to acts of God (such as floods, lightning, earthquakes, etc.). This warranty does not cover neglected or abused products. This warranty is limited to the repair or replacement of the device, only, at YoSmart's sole discretion. YoSmart will NOT be liable for the cost of installing, removing, nor reinstalling this product, nor direct, indirect, or consequential damages to persons or property resulting from the use of this product. This warranty only covers the cost of replacement parts or replacement units, it does not cover shipping & handling fees. The customer must provide proof of purchase, in the form of the original purchase invoice or order number. The purchase must have been made from an authorized seller.

To implement this warranty please contact us by one of the methods listed on the Contact Us page of this user guide.

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.



FCC Statement, Continued

- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

PRODUCT NAME:
SMART LOCK (DEADBOLT)

PARTY:
YOSMART, INC.

TELEPHONE:
831-292-4831

MODEL NUMBER:
YS7616-UC

ADDRESS:
25172 ARCTIC OCEAN DRIVE, SUITE 106, LAKE
FOREST, CA 92630 USA

EMAIL:
SERVICE@YOSMART.COM



Contact Us

We are here for you, if you ever need any assistance installing, setting up or using a YoLink app or product!

Need help? For fastest service, please email us 24/7 at service@yosmart.com

Or call us at **831-292-4831** (US phone support hours: **Monday - Friday, 9AM to 5PM** Pacific)

You can also find additional support and ways to contact us at:

www.yosmart.com/support-and-service

Or scan the QR code:



Support Home Page

Finally, if you have any feedback or suggestions for us, please email us at feedback@yosmart.com

Thank you for trusting YoLink!

YoLink Customer Support

YOLINK

25172 Arctic Ocean Drive, Suite 106, Lake Forest, CA 92630
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