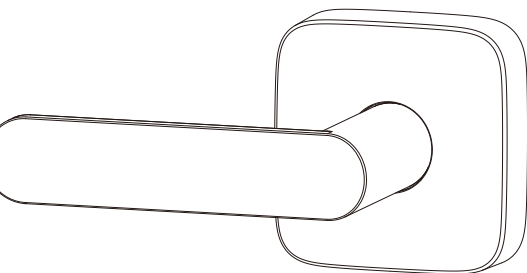


# ***ULTRALOG***

## **Bolt Fingerprint**

Installation and User Guide

(V2.5)



## Important Notes

-  Install and test the lock with the door open to avoid being locked out.
-  Please read and follow the instructions carefully before contacting customer support.
-  Before returning the lock, please remove the device from the app settings and contact customer support.
-  Operating temperature ranges:  
**Exterior:** -4 °F (-20 °C ) to 149 °F (65 °C)  
**Interior:** 14 °F (-10 °C) to 131 °F (55 °C)
-  Do not use a power drill for installation.
-  Do not install the batteries before installing the lock.
-  Rechargeable batteries or non-alkaline batteries are not recommended. Use AA alkaline batteries only.

**Note:** The Exterior Assembly of Bolt Fingerprint is waterproof, but the Interior Assembly is not waterproof due to the exposed battery compartment.

## Statements

To ensure the best service, please create your account at **[www.ultraloq.com/register](http://www.ultraloq.com/register)** before using the product.

## Terms & Policies

Before using any ULTRALOQ products, please read all applicable terms, rules, policies, and usage provisions found at **[www.ultraloq.com/privacy](http://www.ultraloq.com/privacy)**. By using your ULTRALOQ, you agree to be bound by the ULTRALOQ Privacy Policy.

## Need Help?

For technical documents and more

Please visit **[support.ultraloq.com](http://support.ultraloq.com)**

**or call 1-844-439-8832**

# Packing List

Interior  
Assembly



Exterior  
Assembly



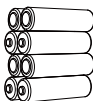
Interior Assembly  
Mounting Plate



Strike

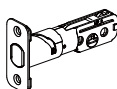


AA Alkaline Batteries

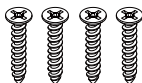


May not be included  
for some regions

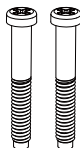
Bolt



Screw A



Screw B



Screw C



Screw D



Door Sensor



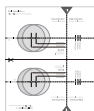
Backup Keys



Reset Needle



Drill Template



User Guide



Quick Setup  
Guide



Optional

# Installation Guide

## Installation Video



Please scan the QR code to watch the installation video.

Or you can also view the website directly.  
[www.ultralq.com/Bolt\\_F\\_Wi-Fi/guide](http://www.ultralq.com/Bolt_F_Wi-Fi/guide)

### 1. Preparing Door

Check the door's dimensions.

#### Step 1

Measure to confirm that the door is between  $1\frac{3}{8}" \sim 1\frac{3}{4}"$  (35 mm-45 mm) thick.

**Note:** If your door is thicker than  $1\frac{3}{4}"$ , please visit [www.ultralq.com](http://www.ultralq.com) to order the "ULTRALOQ Thick Door Kit".

#### Step 2

Measure to confirm that the diameter of the hole is  $2\frac{1}{8}"$  (53 mm) or  $1\frac{1}{2}"$  (38 mm)

#### Step 3

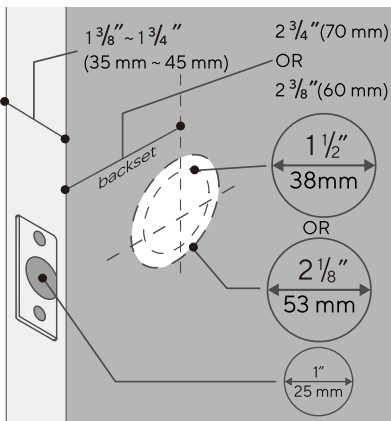
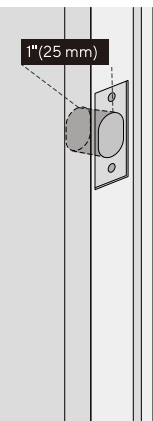
Measure to confirm that the backset is either  $2\frac{3}{8}"$  or  $2\frac{3}{4}"$  (60 mm or 70 mm).

#### Step 4

Measure to confirm that the diameter of the hole in the door edge is 1" (25 mm).

#### Step 5

Measure to confirm the depth of the hole in the frame is at least 1" (25 mm).



If you have a new door, please drill the holes according to Drill Template.

## 2. Installing Bolt and Strike

### Step 1: Install the Bolt

Insert the bolt into the door. Making sure the “UP ↑” icon faces upward.

**Note :** By default, the bolt is set to a 2-3/8”(60mm) backset.

To adjust to 2-3/4” (70mm): Make sure the bolt is fully retracted.

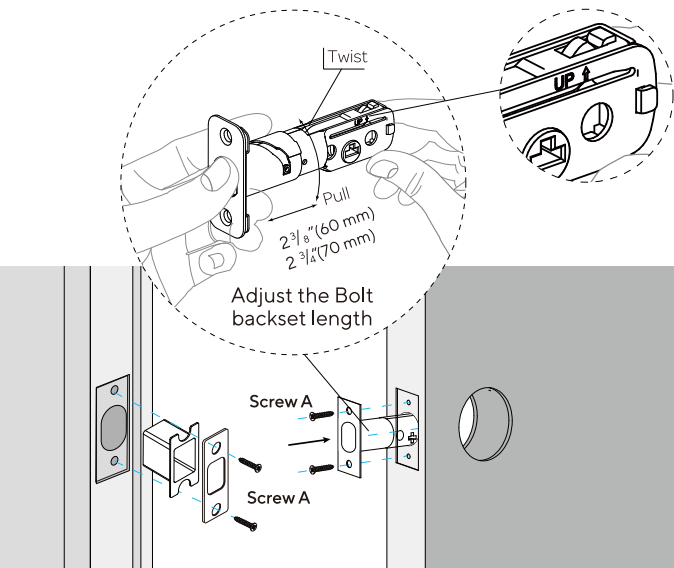
Press the bolt, then twist it until you feel a slight click. This locks it in the extended backset position.

**Note :** Always ensure the bolt is retracted before making adjustments.

### Step 2: Install the Strike

Align the strike plate with the door frame.

Secure it in place using the provided screws A(x4)



## 3. Installing the Exterior Assembly

### Step 1: Position and Install

Ensure the bolt is fully retracted.

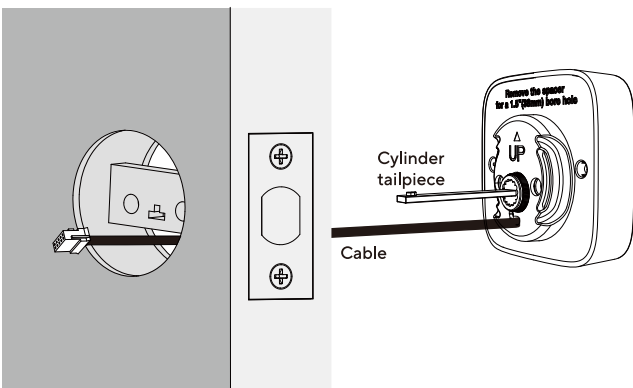
Make sure the cylinder tailpiece is horizontal, with the bump pointing upward.

Carefully install the Exterior Assembly onto the door.

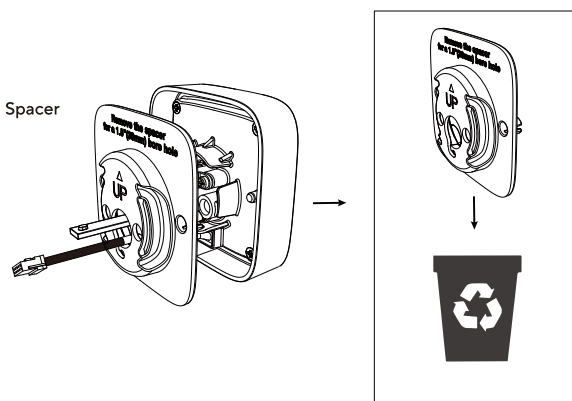
**Do not insert the mechanical key during installation.**

## Step 2: Route the Cable

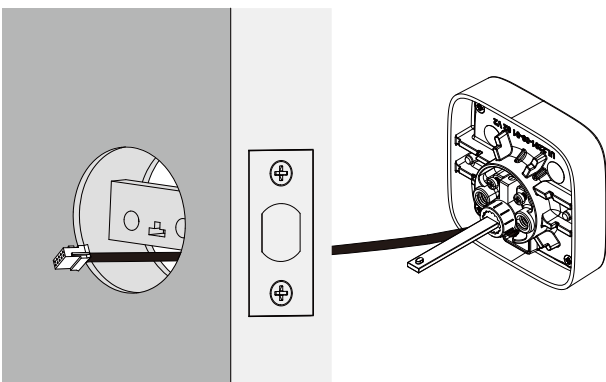
Carefully thread the cable through the hole located below the bolt to the interior side of the door.



If your door has a 1 1/2" (38 mm) bore hole, remove the spacer as shown. If not, don't remove it.



## With No Spacer



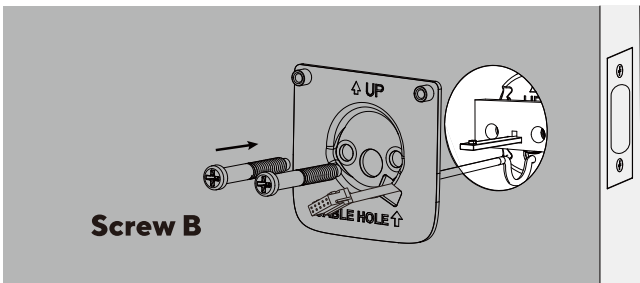
## 4. Installing the Interior Assembly Mounting Plate

### Step 1: Route the cable

Route the cable through the hole in the Interior Assembly Mounting Plate.

### Step 2: Secure the Mounting Plate

Secure the Interior Assembly Mounting Plate to the Exterior Assembly using Screw B(x2).



## 5. Installing the Interior Assembly

**Warning:** Do not install the batteries before installing the interior assembly, as this may prevent the keypad from powering on properly.

### Step 1: Remove Battery Cover

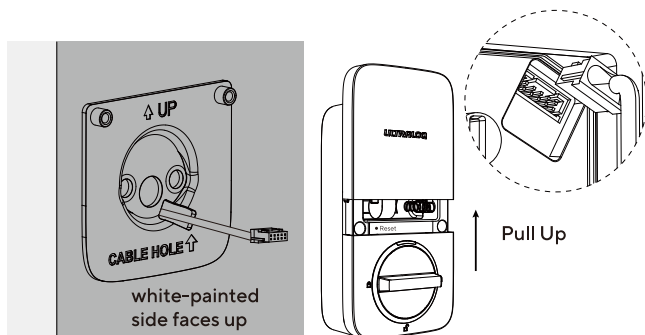
Remove the battery cover from the Interior Assembly.

### Step 2: Connect the cable to the Interior Assembly

Insert the cable connector into the socket on the Interior Assembly.

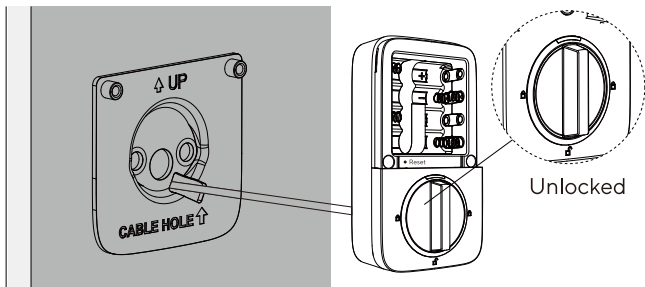
Ensure the white-painted side is facing up.

Press the connector firmly until it is fully seated.



### **Step 3: Set to Unlocked Position**

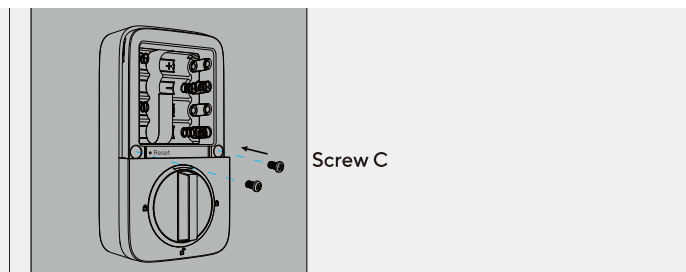
Rotate the knob to the vertical position to keep the lock unlocked during installation.



### **Step 4: Attach and Secure**

Align the Interior Assembly with Mounting Plate.

Use Screw C (x2) to secure the Interior Assembly in place.



## **6. Installing the Batteries and Performing the Door Handing Process**

This step helps your lock learn which way your door opens, so it can work properly.

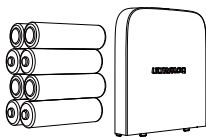
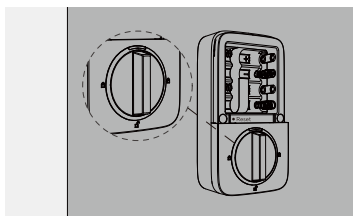
### **Step 1: Set to unlocked position**

Rotate the knob to the vertical position to keep the lock unlocked.

### **Step 2: Insert Batteries**

Insert 8 AA alkaline batteries into the battery compartment. Keep the batteries resting on the battery pull tab for easy removal later.

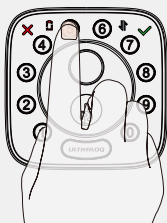
Reattach the battery cover.



**Note:** Only the Program Code on the battery cover can unlock Bolt Series in Factory Default Mode.

### **Step 3: Perform Direction Calibration**

Keep the bolt in the unlocked position, then press and hold the “5” key for 3 seconds until you hear 2 beeps. The lock will automatically rotate and begin self-calibrating the door direction, which will complete in approximately 5 seconds.



**Note:** To prevent deadbolt jamming, ensure this step is performed after the lock is installed on the door.

## **7. Installing the Door Sensor(Optional)**

Door sensor lets you know whether the door is open or closed through the App. When Auto-Lock is enabled, your LOCK will automatically lock only when the door is fully closed.

### **Guidelines:**

Do not mount the door sensor on the keypad side of the lock. Avoid installing the sensor on metal doors that interfere with the internal magnet. (In such cases, the door sensor may stick to the metal door magnetically and malfunction.)

The sensor is suitable for:

Wooden doors.

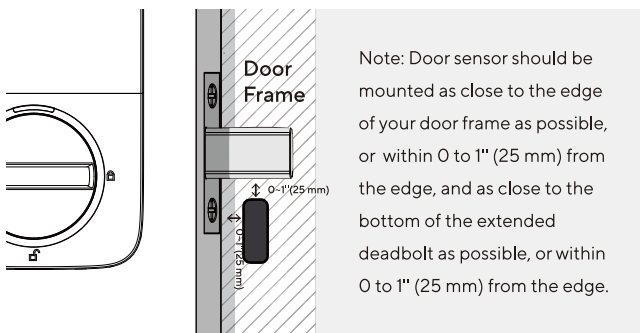
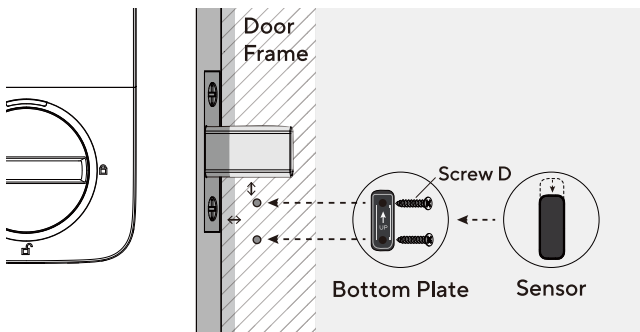
Metal doors that do not interfere with the sensor's magnetic field (i.e., the sensor does not stick magnetically to the door).

## Installing with Screw D

Drill two holes at the marked positions.

Press the door sensor against the wall and secure it using Screws D (x2).

Attach the door sensor cover by sliding it from top to bottom along the chute until it clicks into place.



Note: Please refer to the guide in U home app for more information.

## User Guide

### User Guide Video

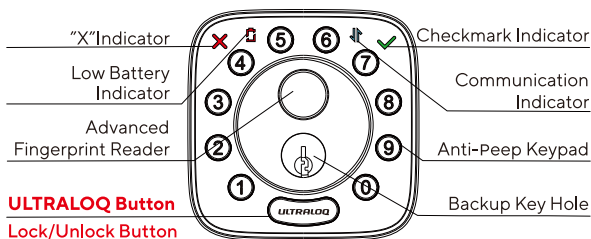
Please scan the QR code on the left to watch the user guide video. You can also visit the website directly at [www.ultraoq.com/Bolt\\_F\\_Wi-Fi/guide](http://www.ultraoq.com/Bolt_F_Wi-Fi/guide).



For the configuration guide for integrations (Alexa, Google Assistant, IFTTT, Apple Home, and SmartThings), please scan the QR code on the right or visit [support.ultraoq.com](http://support.ultraoq.com), then choose "Works with" to watch the user guide video.

# 1. Product Overview

## 1.1 Exterior Components



### ✕ "X"Indicator

Lights up when an incorrect code is entered or a failed operation occurs.

### 🔋 Low Battery Indicator

Warns when the battery power is running low.

### 👉 Advanced Fingerprint Reader

Verifies your fingerprint to unlock the door from the outside.

### 🔑 ULTRALOQ Button(Lock/Unlock Button)

Used to manually lock/unlock the door, illuminate the keypad, and confirm actions.

### 🔑 Backup Key Hole

Allows mechanical key access in case of battery failure or in other emergency situations.

### ① Anti-Peep Keypad

Supports secure code entry by allowing random digits before or after the correct code.

### ⬆ Communication Indicator

Flashes when the lock is communicating with your app or smart home system.

### ✓ Checkmark Indicator

Lights up to confirm successful code entry or programming.

## ULTRALOQ Button has the following functions:

One-touch  
locking



Tap to lock when  
going outside

Confirm unlocking after  
entering the password

Step 1 Input  
Password



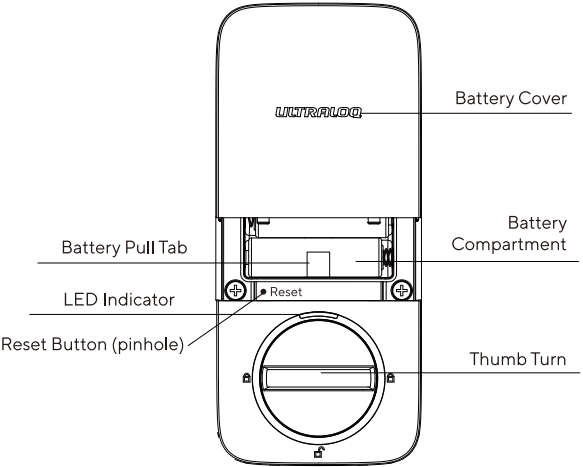
Step 2 Tap

Illuminate  
the keypad



Illuminate the  
keyboard in darkness

## 1.2 Interior Components



### Reset Button (Pinhole)

Used to reset the lock to Factory Default settings.  
To reset, use a Reset Needle to press and hold the reset button (located under the battery cover) for about 10 seconds until you hear one long beep followed by two short beeps.

Note: If the lock was paired with an app, please first tap "Remove Device" in the app before resetting. For detailed reset instructions, refer to Page 14.

### Battery Pull Tab

Use the tab to lift and remove the batteries from the battery compartment easily.

### Battery Compartment

Hold 8 AA alkaline Batteries.

Note: Insert 8 AA alkaline Batteries or UTEC Lithium Batteries. Rechargeable or other battery types are not recommended.

### Battery Cover

Protects the battery compartment and includes labels for the Program Code and (optionally) the Apple HomeKit setup code.

### Thumb Turn

Used to manually lock and unlock the door from inside.

### LED Indicator

Turns green when the door is unlocked.

## 1.3 Low Battery Alarm

When the battery is low, the lock will beep three times, and the Low Battery Indicator will illuminate.

Note: Please replace the batteries promptly to avoid lock failure.

## 2. Lock Setup



Scan QR code to download the App



### ***Step 1: Download App***

Scan the QR code to download the app, or search for:

- "U home " in the App Store (iOS) .
- "U home " in the Google Play Store (Android).

### ***Step 2: Register and Log In***

- Open the U home app.
- Create an account or log in with your existing credentials.

### ***Step 3: Prepare for Pairing***

- Ensure the lock is in **Factory Default Mode**. To reset your lock to Factory Default Mode, please refer to Page 14.
- Turn on Bluetooth on your smartphone.
- Stay within 10 feet of the lock.
- Search for the lock within the app.

### ***Step 4: Pair the Lock***

- Follow the on-screen instructions in the app to complete pairing.
- Ensure your phone is connected to a 2.4GHz Wi-Fi network.

**5GHz Wi-Fi networks are not supported.**

### ***Don't want to use the app?***

You can program the lock manually in Standalone Mode. See the guide on Page 15 for instructions.

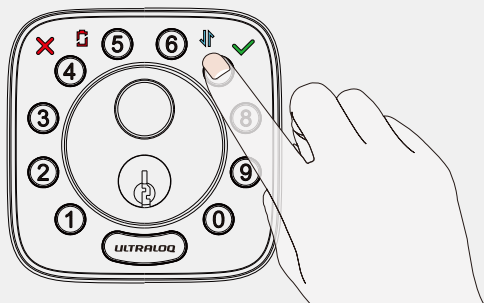
## 3. Using Your Lock

### **3.1 Unlocking From Outside**

You can unlock the LOCK using any of the following methods:

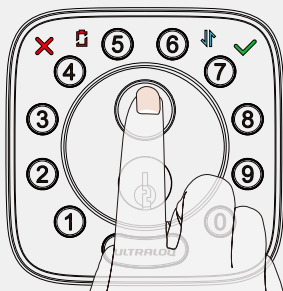
- **User Code**

Enter your 4-8 digit code, then press the ULTRALOCK button to unlock.



- **Fingerprint**

Place your finger on Fingerprint Reader to unlock.



- **Smartphone (U home App)**

Unlock via Bluetooth or Wi-Fi using the U home app. Refer to the in-app guide for setup, pairing, and remote access.



### 3.2 Locking From Outside

Press ULTRALOCK button to lock manually.

Enable Auto Lock feature and the lock to automatically relock after the door is closed.

### 3.3 Unlocking From Inside

Rotate the interior thumb turn to the vertical position to unlock.

### 3.4 Resetting the Lock

*Resetting will erase all data and restore factory default settings*

**If you are the U home app owner:**

1. Open the app and click "Remove Device" to remove the lock from your U home app.
2. You will hear 1 long beep followed by 2 short beeps, confirming the reset was successful.

**If the lock does not reset automatically:**

1. Use a Reset Needle to press the Reset Button under the battery cover.
2. Hold for 10 seconds, until you hear 1 long beep followed by 2 short beeps.

### 3.5 Replacing the Batteries

Use **8 high-quality AA alkaline batteries** when power is low or depleted. Open the battery cover and replace all batteries at once for optimal performance.

**Important Note:**

*Keep at least one Backup Key in a secure location outside your home in case of battery failure.*

### 3.6 Enable Or Disable Auto Lock

You can enable or disable the Auto Lock feature directly from the keypad:

**To Enable Auto Lock:**

Ensure the bolt is in the unlocked position.

Press and hold the "1" button for 3 seconds.

The Checkmark Indicator will light up green and you'll hear two beeps.

**To Disable Auto Lock:**

Ensure the bolt is in the unlocked position.

Press and hold the "0" button for 3 seconds.

The Checkmark Indicator will light up green and you'll hear two beeps.

*Tip: You can also enable/disable Auto Lock and customize the relock delay in the U home app.*

### 3.7 Anti-Peep Keypad

The lock supports a Vague Code (anti-peep feature) of up to 16-digits. As long as your correct user code appears in the correct sequence within the digits entered, the door will unlock.

#### Example

User Code: 123456

Valid Vague Code

123456XXXXXX

XXXXXXXX123456

XXX123456XXX

"X" represents any random digit. The correct code must appear in order, even if surrounded by other digits.

### 3.8 Fingerprint Placement Tips

Bottom View



Top View



Side View



1. For a higher recognition rate, please try to cover the Fingerprint Reader completely with your finger, touching the surrounding metal ring.
2. Make sure that your finger and Fingerprint Reader are clean and dry. For Fingerprint Reader, use a clean, lint-free cloth to wipe off any dirt or debris.
3. Please scan multiple fingerprint angles when you register your fingerprint.
4. While scanning your finger, you shouldn't tap too quickly or move your finger around.

## 4. Standalone Mode Programming Guide

Note: It is recommended to use the U home app to program your lock. If you don't have a smartphone or prefer not to use the app, you can follow the steps below.

**Warning:** Standalone Mode is NOT available once the lock is registered in the app. To enable Standalone Mode, you must reset the lock to Factory Default Mode first.

### 4.1 Add Admin Code in Standalone Mode

To add the Admin Code, you need the Program Code found on the battery cover.

| Operation                                                                                                                  | LED & Sound Indicator                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Hold  for 3 sec                         | 2 beeps with  light on |
| Enter 6 digit Program Code and press    | 2 beeps with  light on |
| Enter a 4-8 digit Admin Code and press  | 2 beeps with  light on |
| Re-enter the Admin Code and press       | 2 beeps with  light on |

|         |                |
|---------|----------------|
| Success | All lights off |
|---------|----------------|

## 4.2 Add User Code in Standalone Mode

| Operation                                                                                                               | LED & Sound Indicator                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Hold  for 3 sec                        | 2 beeps with  light on |
| Enter your Admin Code and press        | 2 beeps with  light on |
| Enter a 4-8 digit User Code and press  | 2 beeps with  light on |
| Re-enter the User Code and press       | 2 beeps with  light on |
| Success                                                                                                                 | All lights off                                                                                          |

## 4.3 Add Fingerprint in Standalone Mode

| Operation                                                                                                           | LED & Sound Indicator                                                                                     |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Hold  for 3 sec                  | 2 beeps with  light on |
| Enter your Admin Code and press  | 2 beeps with  light on |
| Press Fingerprint 6 times                                                                                           | 5 beeps and digit buttons blink 5 times                                                                   |
| Success                                                                                                             | All lights off                                                                                            |

## 4.4 Delete the Admin Code and all User Codes

To delete the Admin and all Users Codes, reset the lock to Factory Default Mode.

## 4.5 How to Reset in Standalone Mode?

Use a Reset Needle to press the Reset Button (located under the battery cover).

Hold for 10 seconds, until you hear 1 long beep followed by 2 short beeps.

The lock is now reset and ready to be programmed again in Standalone Mode.

# FAQ

## 1. How do I reset Bolt Home Key?

Resetting will erase all data and restore factory default settings.

If registered in the U home app: Tap "Remove Device" in the app. The lock will automatically reset.

If in Standalone Mode: Use a Reset Needle to press the Reset Button (under the battery cover) for 10 seconds, until you hear 1 long beep followed by 2 short beeps.

## 2. What if I lost the smartphone paired with the lock?

Visit [www.uhomelabs.com/account](http://www.uhomelabs.com/account).

Or login to the U home app on another smartphone or tablet. Change your U home Account password to secure your device.

## 3. How can I unlock the lock if the battery dies?

When the battery is low, the lock will emit three beeps and the low battery indicator will light up.

Replace the batteries as soon as possible.

If the battery is fully drained, use the backup key to unlock the door.

Please keep at least one backup key in secure location outside your home.

## 4. What's the difference between Owner, Admin, Normal User and Temporary User?

| Role           | Permissions                                                              |
|----------------|--------------------------------------------------------------------------|
| Owner          | Original registrant. Full access to settings, logs, and user management. |
| Admin          | Can unlock via app, code, or keycard. Can manage users and settings.     |
| Normal User    | Can unlock via app, code, or keycard. No admin privileges.               |
| Temporary User | Limited access during a scheduled time window.                           |

## 5. Can I use third-party accessories (e.g., bolt)?

It is recommended to use the original ULTRALOC accessories for best performance and stability.

## 6. What is the user capacity and the log capacity?

The lock can store up to 50 users, and each user can register 1 code and 2 fingerprints. It can also store up to 1,000 activity logs. Once it's full, the newest entries will automatically overwrite the oldest.

7. How can I extend battery life?

Disable Remote Access to Lock in the U home app to significantly extend battery life.

Note: Disabling this will turn off remote features including Alexa, Google Assistant, IFTTT, Apple Home, SmartThings and smart notifications.

8. Do I need an ULTRALOG Bridge?

No, the lock has built-in Wi-Fi and does not require an external hub.

9. What network does the lock support?

The lock supports 2.4GHz Wi-Fi only. 5Ghz Wi-Fi is not supported.

10. What is the Program Code?

The Program Code is a unique 6-digit code found on the battery cover. It is required to unlock the lock in Factory Default Mode and to initialize programming in Standalone Mode.

Keep Your Records

e.g.

| DATE       | ADMIN CODE |                                                                                     |
|------------|------------|-------------------------------------------------------------------------------------|
|            |            |                                                                                     |
| NAME       | USER CODE  |  |
| Will Smith | 12345678   | ✓                                                                                   |
|            |            |                                                                                     |
|            |            |                                                                                     |
|            |            |                                                                                     |
|            |            |                                                                                     |
|            |            |                                                                                     |
|            |            |                                                                                     |
|            |            |                                                                                     |
|            |            |                                                                                     |

# ***ULTRALOQ***

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