

ULTRALQ ULTRALQ BOLT SE

ULTRALQ Bolt SE Smart Lock Instruction Manual

Model: ULTRALQ BOLT SE | Brand: ULTRALQ

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1. INTRODUCTION

The ULTRALQ Bolt SE Smart Lock offers advanced security and convenience for your home. This deadbolt features multiple access methods, including fingerprint ID, passcodes, smartphone app control, and traditional mechanical keys. With built-in Wi-Fi and Matter over Thread compatibility, it seamlessly integrates into various smart home ecosystems, providing remote control and automation capabilities.

2. SAFETY INFORMATION

Please read all instructions carefully before installation and use. Keep this manual for future reference.

- **Do not use a power drill for installation.**
- Install and test the lock with the door open to avoid being locked out.
- **DO NOT install the batteries before installing the lock.**
- Follow the instructions in sequential order.
- This lock is designed for specific operating temperatures:
 - Outside Lock Body: -31°F (-35°C) to 158°F (70°C)
 - Inside Lock Body: 14°F (-10°C) to 131°F (55°C)

3. PACKAGE CONTENTS

Ensure all components are present before beginning installation:

- ULTRALQ Bolt SE Smart Wi-Fi Deadbolt (Exterior Assembly)
- Interior Assembly
- Deadbolt Latch
- Mounting Plate

- Strike Plate
- 2 Mechanical Keys
- Installation Kit (screws, screwdriver, reset needle)
- User Guide

4. SPECIFICATIONS

Feature	Detail
Brand	ULTRALQ
Model Name	ULTRALQ BOLT SE
Lock Type	Biometric, Combination Lock, Deadbolt, Keypad
Connectivity	Wi-Fi (2.4GHz), Matter over Thread, Bluetooth
Keyless Entry Methods	Fingerprint ID, Passcodes, Smartphone App, Web Portal, EKey/Code Sharing, Voice Control (Siri, Alexa, Google), Mechanical Keys
Battery Life	Up to 18 months (4 AA batteries, not included)
Material	Zinc Alloy
Certifications	BHMA Certified, IP65 Weatherproof
Dimensions	2.95 x 1 x 2.95 inches (Exterior)
Compatible Smart Home Systems	Apple Home, Alexa, Google Assistant, SmartThings, IFTTT

5. SETUP & INSTALLATION

5.1 Pre-Installation Checks

Before starting, ensure your door meets the following requirements:

- **Door Thickness:** 1 3/8" to 2 1/4" (35mm to 57mm)
- **Backset:** 2 3/8" or 2 3/4"
- **Hole in Door Face:** 2 1/8" diameter
- **Hole in Door Edge:** 1" diameter

Highest Residential BHMA Grade AA Certified

400,000

Cycles

72 Hours

Salt Spray Test

2000N

Appearance Pressure
Resistance

-4 °F ~ 131 °F
(-20 °C ~ 65 °C)

Working Temperature



Image: Diagram illustrating the required door thickness, backset, and hole diameters for proper installation of the ULTRALOCK Bolt SE Smart Lock.

5.2 Mechanical Installation

1. **Adjust the Deadbolt Latch:** If necessary, adjust the deadbolt latch to match your door's backset (60mm or 70mm). Rotate the bolt to extend or shorten it. Ensure the word "TOP" on the latch faces upward.
2. **Install the Deadbolt Latch:** Insert the adjusted deadbolt latch into the door edge. Secure it with the provided screws from the accessory kit.
3. **Install the Exterior Assembly:** Ensure the cylinder tailpiece is horizontal. Route the cable from the exterior assembly through the hole below the bolt. Carefully align the exterior assembly with the deadbolt latch and press it onto the door.
4. **Install the Interior Assembly Mounting Plate:** Route the cable through the bottom hole of the mounting plate. Align the mounting plate with the exterior assembly and secure it using the appropriate screws (Screws D) for your door thickness.
5. **Connect the Interior Assembly:** Connect the cable from the exterior assembly to the socket on the interior assembly. Ensure the concave and convex sides are aligned and press firmly until it clicks.
6. **Install the Interior Assembly:** Place the interior assembly over the mounting plate, ensuring the tailpiece aligns with the knob. Secure it with the provided screws (Screws E).

5.3 Initial Setup & Calibration

1. **Install Batteries:** Insert 4 AA batteries into the interior assembly. Ensure correct polarity. Close the battery cover.
2. **Perform Direction Calibration:** Keep the bolt in the unlocked position. Press and hold the "5" button on the keypad for 3 seconds. The lock will automatically run the door-handling process, confirming the correct orientation.
3. **App Pairing (Wi-Fi Mode):**
 - Ensure Bluetooth is enabled on your phone.
 - Press any button on the front panel to activate Bluetooth. Start setup within 30 seconds.
 - Open the U Home app, select "Add Device" and choose "Locks".
 - Follow the on-screen prompts to pair your Bolt SE. You will need to enter the 6-digit Program Code found under the battery cover.
 - Connect to your 2.4GHz Wi-Fi network (5GHz Wi-Fi is not supported).
4. **App Pairing (Matter Mode):**
 - If already set up in U Home app, switch to Matter Mode via settings.
 - Ensure you have a Matter-over-Thread-compatible smart gateway fully set up and connected to the same Wi-Fi network as your phone.
 - Insert a pin into the reset hole and hold for 3 seconds to enable Thread.
 - In your preferred smart home app (e.g., Alexa, Apple Home), select "Add Device" and choose the Matter option.
 - Scan the QR code inside the battery cover or enter the 11-digit numeric code.

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Video: ULTRALOCK Bolt Smart Lock Installation Video. This video demonstrates the step-by-step physical installation process of the smart lock.

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Video: How to Setup the Wi-Fi or Matter Mode. This video guides users through the process of configuring the smart lock for either Wi-Fi or Matter connectivity via the app.

6. OPERATING INSTRUCTIONS

6.1 Unlocking & Locking

- **Fingerprint ID:** Place your registered finger on the fingerprint sensor for quick unlocking. The lock features 360° live fingerprint ID with 0.3s unlock speed and 99.8% accuracy.
- **Keypad:** Enter your 4-8 digit passcode on the tactile keypad. The keypad is glove-friendly and fingerprint-resistant.
- **Smartphone App:** Use the U Home app to remotely lock or unlock your door from anywhere.
- **Voice Control:** Integrate with Apple Home, Alexa, or Google Assistant to lock/unlock your door using voice commands.
- **Mechanical Key:** Two traditional mechanical keys are provided for backup access. The keyhole is discreetly located under a rubber pad on the exterior assembly.

Up to **18-Month*** Battery Life

Thread-powered efficiency delivers longer life than 8-battery locks



Xthings Home

Now

Alarm: Front door battery is low.



*Needs 4 AA batteries (not included).

*Battery life may vary based on actual usage and environmental factors.

Image: A hand placing a finger on the fingerprint sensor of the ULTRALOCK Bolt SE Smart Lock, indicating a successful unlock.

Flexible Access for Everyone

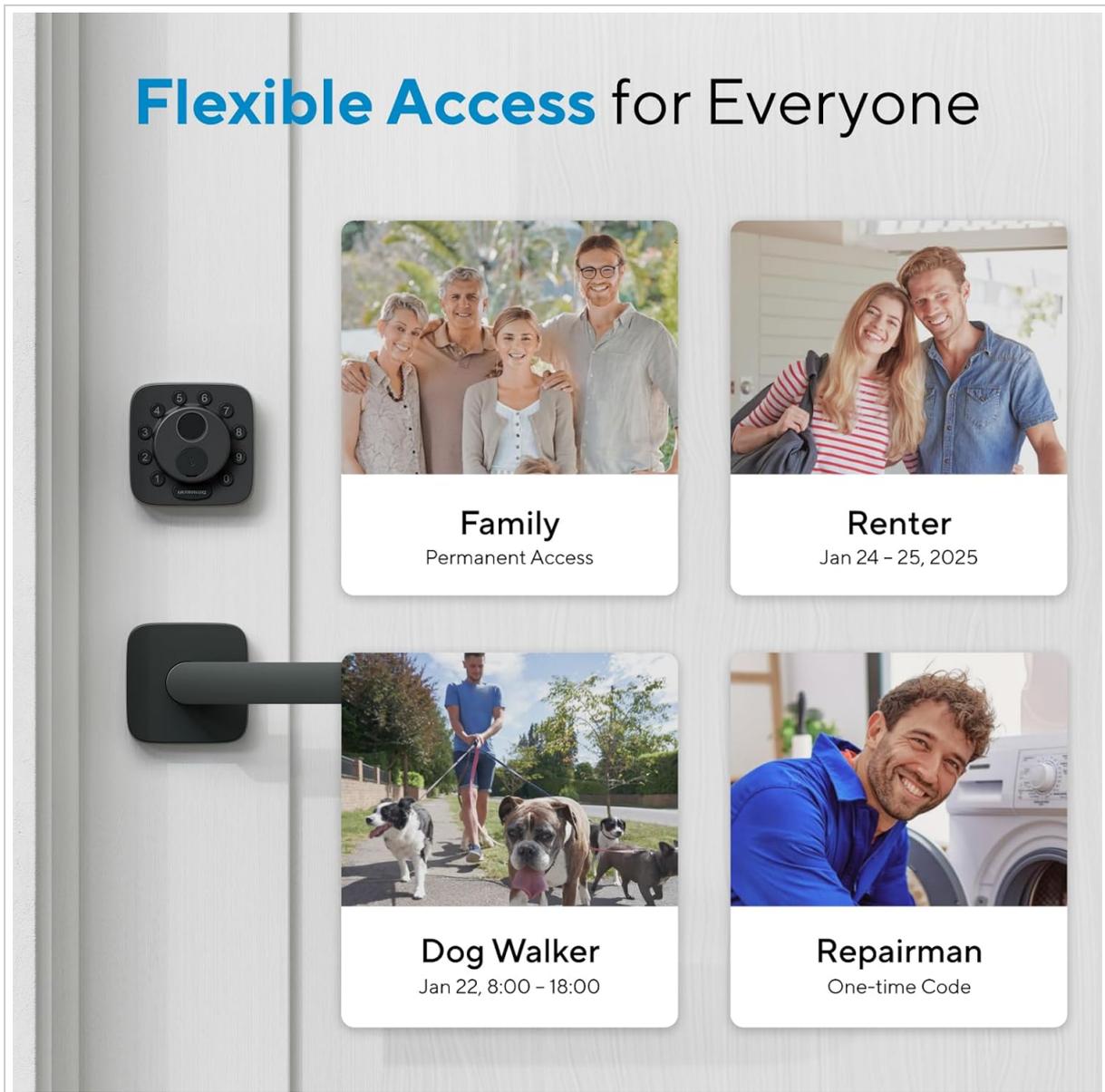


Image: Close-up of the tactile keypad on the ULTRALOCK Bolt SE Smart Lock, showing the numbered buttons.

6.2 User Management & Access Sharing

Through the U Home app or web portal, you can:

- Manage up to 50 access codes.
- Share eKeys or codes remotely for permanent, specific dates, or periods of time.
- View lock history and receive real-time notifications.

6.3 Auto-Lock Feature

Set a preset timer for auto-lock (e.g., 10-180 seconds) or press the "ULTRALOCK" button to lock instantly. This feature ensures your door is always secured.

6.4 Remote Control & Smart Home Integration

The ULTRALOCK Bolt SE offers seamless integration with various smart home platforms:

- **Wi-Fi Mode:** Control via U Home app, Amazon Alexa, Google Home.
- **Matter Mode:** Control via Apple Home, Amazon Alexa, Google Assistant, Samsung SmartThings, Home Assistant (requires a Matter Over Thread hub controller).

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Video: ULTRALOQ Bolt Smart Wi-Fi Deadbolt. This video provides an overview of the smart lock's features, including remote control and smart home integration.

7. MAINTENANCE

7.1 Battery Replacement

The ULTRALOQ Bolt SE uses 4 AA batteries, offering up to 18 months of battery life thanks to Thread's low-energy mesh network. The lock will provide real-time low battery alerts.

- When the battery is low, replace all 4 AA batteries promptly.
- To replace, remove the interior assembly cover, replace the batteries, and reattach the cover.



Image: The interior assembly of the ULTRALOQ Bolt SE Smart Lock with the battery cover removed, showing the 4 AA battery slots.

7.2 Cleaning

Wipe the lock's exterior with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.

8. TROUBLESHOOTING

- **Lock not responding / Green light not coming on:** Check battery levels and replace if necessary. Ensure batteries are inserted correctly. If issues persist, try removing and reinserting one battery to reset the unit.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Try re-registering your fingerprint in the app. Ensure the sensor is clean.
- **"Lock jammed" error:** This can occur if the deadbolt does not fully extend or retract. Check for obstructions in the door frame. Ensure the hole in the door frame has at least 1" depth. Loosen mounting screws slightly if they are too tight, as this can impede bolt movement.
- **Connectivity issues (Wi-Fi/Matter):** Ensure your Wi-Fi network is 2.4GHz. Verify your Matter-enabled hub is properly set up and connected to the same network. If the lock loses connection, try restarting the device or re-pairing through the app.
- **Remote unlock not working:** Confirm the lock has a stable internet connection (for Wi-Fi mode) or is properly connected to your Matter hub. Check app settings for remote unlock permissions.
- **Keypad unresponsive:** Ensure the keypad is clean. If the keypad is completely unresponsive, check battery levels.
- **Mechanical key not working:** Ensure the key is fully inserted and turned correctly. If the keyhole cover is stuck, gently pry it open.

9. WARRANTY & SUPPORT

ULTRALOG provides the following warranty coverage for the Bolt SE Smart Lock:

- **Lifetime Mechanical Coverage**
- **18-Month Electronic Protection**

For customer support, please contact:

- **Phone Support:** Monday–Friday, 7 AM–6 PM PST
- **Email Service:** 24/7 after-sales email support