Ultraloq UL1
Installation & User Guide

(Version 1.2)

What’s in the Box

External Assembly
Internal Assembly
Internal Assembly Mounting Plate

Latch & Strike
Reset Needle
Key Fob

Screwdriver
Spindle
Spring

Battery
Bridge

Drill Template

What’s in the Box

Notes

· Install and test the lock with door open to avoid being locked out.
· Please follow the instruction in order.
· Need Help? Please contact customer support before returning the product.

Visit www.u-tec.com/support
Email support@u-tec.com

· Operating temperature:
  External Assembly: -4 °F ~ 149 °F (-20 °C ~ 65 °C)
  Internal Assembly: 14 °F ~ 131 °F (-10 °C ~ 55 °C)

Preparing Door

Please check the door’s dimensions.

If you are installing UL1 on a new door, please refer to the Drill Template.

1. Insert Latch and Strike. Please align the Latch with the door’s edge.
2. Tighten 2 Screw A on each side to fix the position.

Adjust the latch basket length

Angle faces jamb

1. Insert External Assembly. Plug in the Spindle. Align its two sticks with two holes on the latch. Hole’s arrow should be directed as illustrated.
2. Install Internal Mounting Plate. Tighten 2 Screw B simultaneously to fix the position.

Please note the arrow points down for left handed installation.

1. Install the Spring into Internal Assembly.
2. Loosen the side screw, and push the metal block all the way into the slot.
3. On Internal Assembly, connect the wire to the receiver.
4. Align and insert the Spindle into the hole.
5. Match and connect the gaps between Internal Mounting Plate and Internal Assembly. Internal Assembly should be tilted around 30 degrees to click the gaps.

If you are installing UL1 on a new door, please refer to the Drill Template.

1. Turn Internal Assembly to the horizontal level.
2. Tighten the side screw.
3. Use a tool (e.g. coin) to open battery cap (turn counterclockwise) and insert two AA batteries.

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How to Reset

Use a paperclip to push the Reset hole for 3 seconds. Reset UL1 to Factory Reset Mode. All data will be erased.

After reset, UL1, UL2 can be unlocked with any fingerprint or key fob, and UL1 will beep 6 times and LED will stay red as a notice.

LED Light Status

Blue - Standby / Bluetooth Connection
Green - Success
Red - Failure / Low Battery / Factory Reset Mode

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UL1 needs to be calibrated in order to operate properly.

- First, keep pushing down the inside handle of UL1.
- Second, use a paperclip to push the Reset hole around one second until you hear one “beep” from UL1.
- Third, calibration is done.

UL1 Calibration

1. Reset UL1 and Register Admin Key
   1) Pin the Reset button for 3 seconds. LED will blink blue.
   2) When LED is blinking blue, tap the Black Key Fob (Admin Key) on reader. LED will flash green. Tap Admin Key again.
   3) Now the Black Key Fob has been registered as the Admin Key.

2. Enter Registration Mode
   1) Tap the Admin Key. LED will blink blue. UL1 will enter Registration Mode.
   2) Now you can register new users by fingerprint or key fob.

3. Register a Fingerprint User
   1) Press the fingerprint on the sensor. LED will flash green 3 times, then lift your finger.
   2) Once the fingerprint has been registered, you can register another fingerprint or key fob, or exit registration mode.

Register a Key Fob User

1) Pick a Blue Key Fob as the User Key.
2) Tap it on the reader. LED will flash green. Repeat this process for 2 times
3) Once the key fob has been registered, you can register another fingerprint or key fob, or exit registration mode.

4. Exit Registration Mode
   When LED is blinking blue, tap the Admin Key or wait 10 seconds to exit the register mode. LED will turn off.
   If a failure has occurred (Red LED), any current ongoing process will not be saved. Please start the process again.

FAQ

1. Installation completed, but there is no power on UL1.
   1) Check the direction of the batteries. Positive pole should be towards the latch.
   2) On Internal Assembly, check if the wire is connected to the receiver correctly.

2. Can one UL1 be paired with multiple smartphones?
   One UL1 can be paired with an infinite number of smartphones, but one UL1 can only be paired with one U-tec account.
   If a paired UL1 needs to be paired with another U-tec account, this UL1 has to be un-paired from the previous account.

3. What if I lost the paired smartphone?
   Go to Store.u-tec.com/account/login to change your U-tec account password.

4. What if I lost the paired key fob?
   1) If UL1 is in App Mode, find the user in the app and register a new key fob for this user, or delete this key fob.
   2) If UL1 is in Standalone Mode, go to Page 2. Blue key fob can be registered as Admin Key.

5. How long does the battery last?
   Ultralo UL1 is powered by 4 x AA alkaline batteries for up to 8000 times access. That is to say battery life is up to 1 year on average use of 20 times access per day.
   If the battery is low, UL1 will beep 3 times and LED will blink red and green alternately.

6. How many users can be stored in UL1?
   UL1 can store total 100 users.
   Ekeys are unlimited.