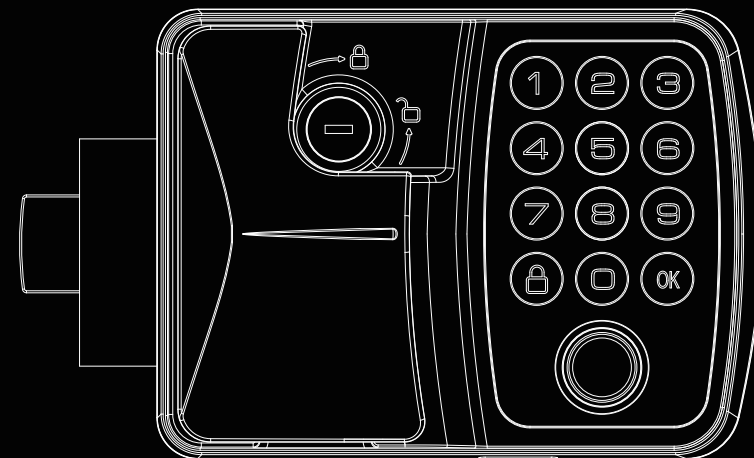




Installation & Setup Guide

Step-by-step video instructions for installation and password setup
Scan to get started



Official website link:<https://service.dorwan.top>

If you encounter any issues during installation or use, feel free to scan the UG code or contact us via email.

We offer top-notch customer support!

RV DOOR LOCK

Installation Guide / Programming Instructions



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SAFETY INSTRUCTIONS

1. Door Safety

⚠ This lock is not suitable for RVs with glass doors!

If your RV has a glass door, immediately stop using this product. Forcing installation will void the warranty.

This lock is only suitable for metal and wooden doors (e.g., aluminum alloy, galvanized steel, stainless steel, sandwich panels, wood, acrylic, polycarbonate, carbon fiber composites, etc.).

2. Battery Safety

Do not place flammable materials (like paper or fabric) near the lock to avoid fire risk.

3. Behavioral Safety

- Do not disassemble or modify the door or lock.
- Do not expose the lock to water, extreme heat (>60°C), or cold (<-20°C).
- Do not scratch the fingerprint sensor with hard objects.

BEFORE INSTALLATION

Confirm your RV door type and cutout size before removing the old lock.

This lock is designed for standard right-hand RV doors only.

Do not install on glass doors or left-hand doors.

Make sure all parts are included before installation.

Do not force the lock into the door opening if it does not fit smoothly.

During Installation

Make sure the front and rear panels are securely connected with the cable.

Do not pull, twist, or pinch the cable.

Do not overtighten the screws, as this may affect latch movement.

Align the latch with the strike plate before tightening the screws.

If the short screws do not fit your door thickness, use the included long screws.

After Installation

Test the lock before fully closing the RV door.

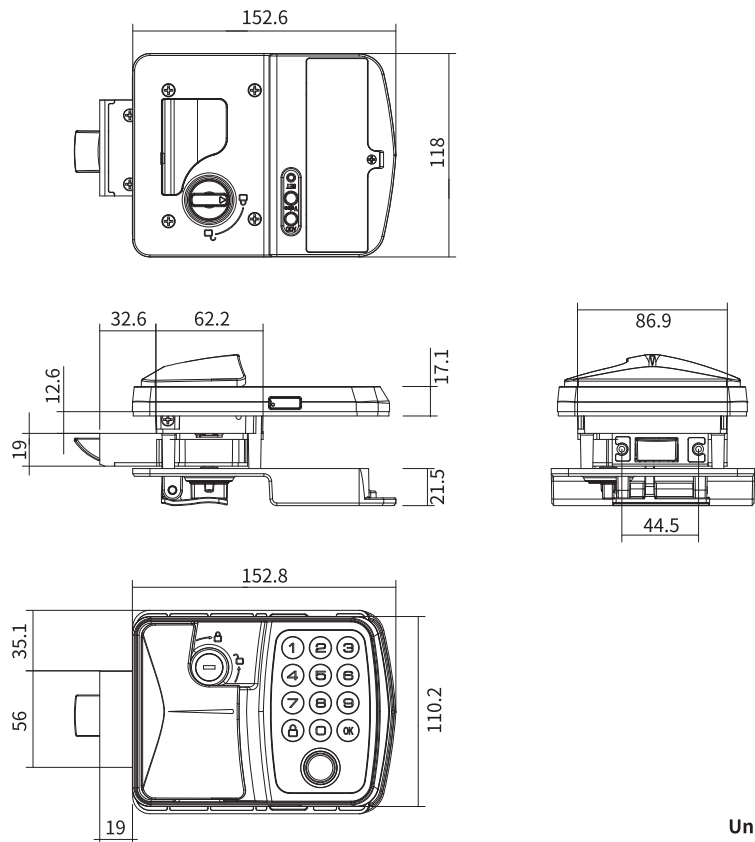
Check fingerprint, passcode, FOB remote, mechanical key, and interior knob.

Open, close, lock, and unlock the door several times to confirm smooth operation.

Keep the mechanical backup keys outside the RV in a safe place.

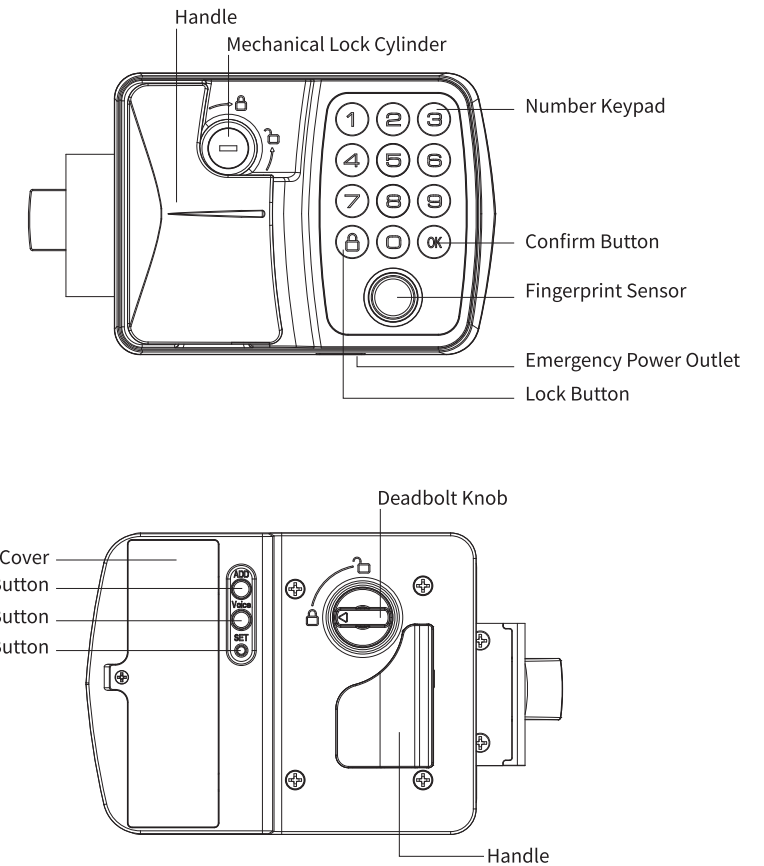
Product Size

Example illustration: (Exploded diagram of the RV door lock)



Unit: mm

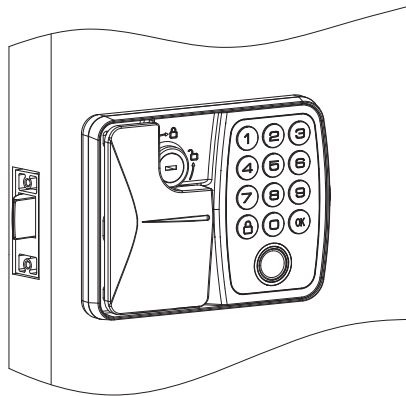
Product Overview



Installation Steps

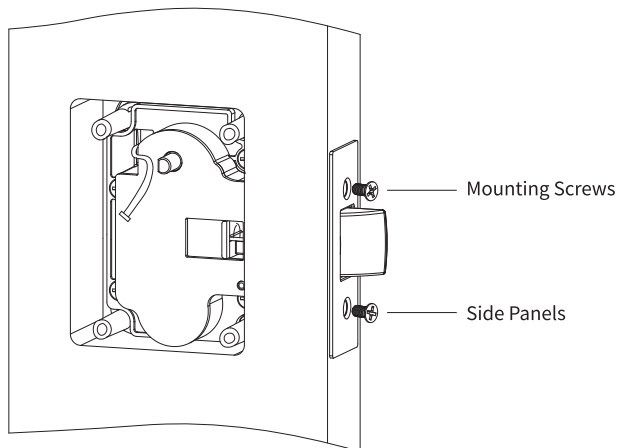
1. Install the front panel

Install the front panel assembly into the door opening as shown in the diagram.



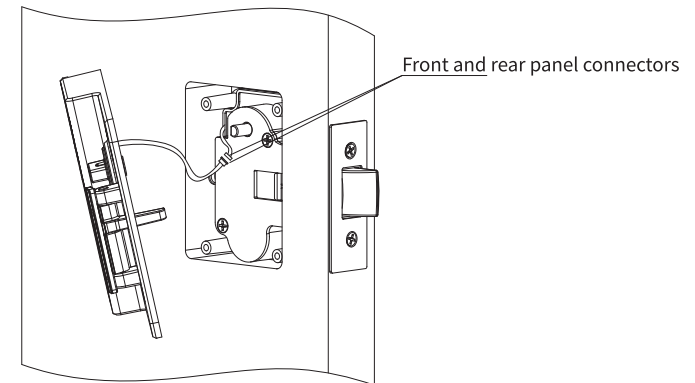
2. Install side panels

Secure the inner panel of the accessory kit and mounting screws to the side of the car door as shown in the diagram.

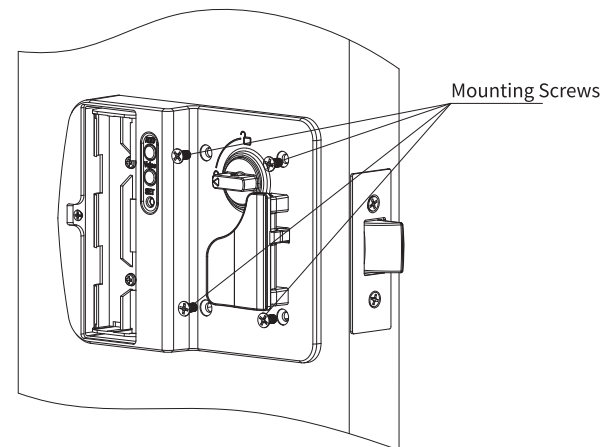


3. Install the rear panel

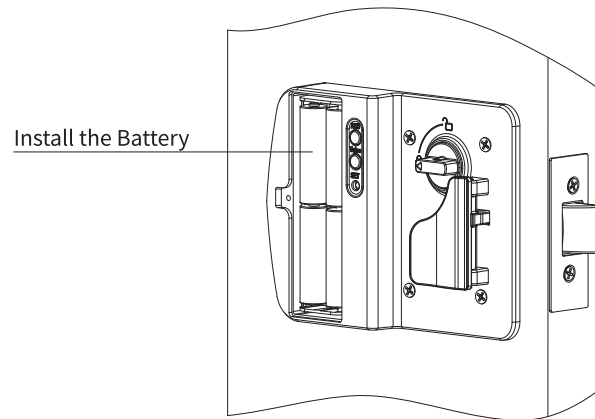
(1) Align the connecting lines of the front and back panels and fold any excess lines into the square holes.



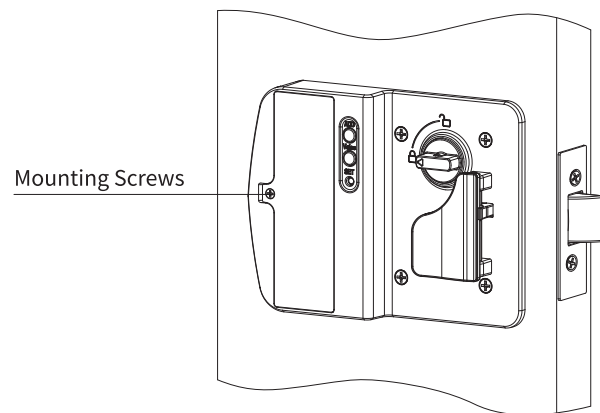
(2) Align the holes and shafts on the handle lever and knob, press the panel firmly against the car door, and secure it with 4 screws.



(3) Install the batteries according to the positive and negative terminals indicated on the battery box.



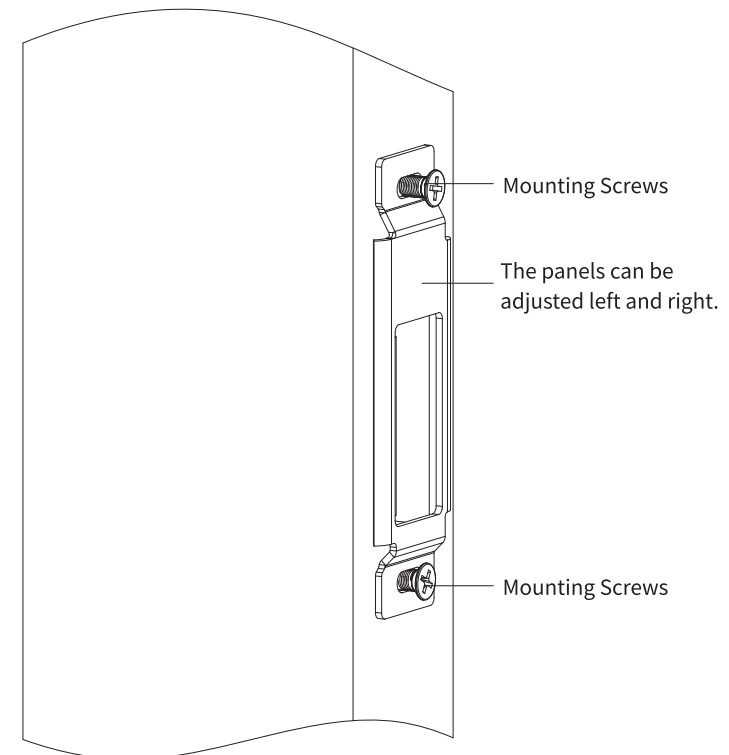
(4) Install the battery cover and secure it with screws.



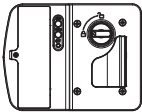
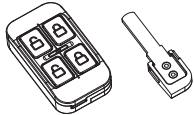
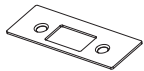
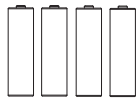
4. Install the Lock plate

Secure the panels with screws as shown in the diagram.

Note: Before tightening the screws, ensure that the bolt is aligned with the hole in the center of the strike plate and that the bolt is fully engaged. If you cannot get in, you can adjust the position of the strike plate left or right, and then tighten the screws.



Product Accessories List

A. Front panel, quantity: 1 piece 	B. Back panel, quantity: 1 piece 	C. Remote control and key, quantity: 2 pieces 																		
D. Lock side plate, quantity: 1 piece 	E. strike plate, quantity: 1 piece 	F. Mounting screw kit, quantity: 1 piece <table border="1"> <thead> <tr> <th>Model</th><th>Illustration</th><th>Quantity</th></tr> </thead> <tbody> <tr> <td>M4*18</td><td></td><td>4</td></tr> <tr> <td>M4*14</td><td></td><td>4</td></tr> <tr> <td>M4*8</td><td></td><td>4</td></tr> <tr> <td>M4*10</td><td></td><td>2</td></tr> <tr> <td>M4*16</td><td></td><td>2</td></tr> </tbody> </table>	Model	Illustration	Quantity	M4*18		4	M4*14		4	M4*8		4	M4*10		2	M4*16		2
Model	Illustration	Quantity																		
M4*18		4																		
M4*14		4																		
M4*8		4																		
M4*10		2																		
M4*16		2																		
G. AA batteries, quantity: 4 piece 	H. Instruction manual, quantity: 1 copy 																			

Basic Operation

1.Unlocking Methods:

- Fingerprint: Touch the sensor with a registered finger.
- Password: Enter the registered password, then press the OK key.
- Remote: Press the paired unlock button on the remote.
- Physical Key: Insert and turn the key on the front panel.
- Interior: Turn the red knob on the back panel from inside the RV.
- If successful: Green light + voice prompt “Unlock successful”
- If failed: Red light + “Unlock failed”

2.Locking Methods:

- Keypad: Press the lock key on the number panel after closing the door.
- Remote: Press the lock button on the remote.
- Physical Key: Insert and turn the key to lock.
- Interior: Turn the red knob on the back panel from inside.
- If successful: Blue light + voice prompt “Lock successful”

Note: The electronic lock cannot verify bolt position. If locking fails, please check mechanical issues.

3.Silent Mode:

- To turn ON: Press “Voice” button. Green light + prompt “Silent Mode ON”
- To turn OFF: Press again. Blue light + prompt “Silent Mode OFF”

Note: Avoid repeated pressing to prevent malfunction.

How to Set Up

1. Factory Settings

(1) Factory settings

A new, unused lock is in factory settings. In this state, the default is voice mode, and the default unlocking code is 123456. No other passwords, fingerprints, or remote key entries are entered.

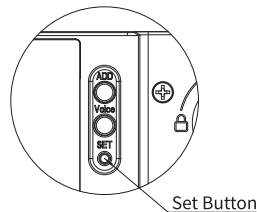
Tip: Please set a new code immediately after installing the door lock.

(2) How to Restore Factory Settings

- **Step 1:** Ensure the door is open and unlocked.
- **Step 2:** Press and hold the SET button on the rear panel for about 10 seconds until the fingerprint sensor's red light flashes, then turns solid green. You will hear the voice prompt "Factory settings restored successfully."

(Even if silent mode is enabled, a prompt sound will be played.)

- **Step 3:** Release the button. The fingerprint sensor's light will turn off, indicating that the lock has been restored to factory settings. All previously stored passwords, fingerprints, and remote controller information will be erased.



2. Administrator Setting

Setup Instructions:

⚠ After installing the door lock, you must first set up the administrator password and fingerprint. Both are required.

- The first password/fingerprint set in the factory default state will be the administrator password/fingerprint, which can be used for normal unlocking.
- Only one administrator password and one administrator fingerprint can be set. Once a new administrator password is successfully set, the default unlock password (123456) will become invalid.
- It is recommended to ensure the silent mode is turned off before setup for convenient programming via voice prompts. The operation wait time after a voice prompt is 60 seconds; please proceed to the next step promptly.
- The administrator password and fingerprint must be registered separately according to their respective procedures; they should not be performed simultaneously.

(1) Administrator Password Setup Procedure:

- **Step 1:** With the lock in factory default state, briefly press and release the "ADD" button on the inner panel. The digital keypad light will turn on, the fingerprint sensor blue light will flash, and you will hear the voice prompt: "Please register administrator password or fingerprint."
- **Step 2:** Enter the desired administrator password (6-10 digits). Press the 'OK' key to confirm.
 - **If the password length is correct:** The fingerprint sensor will flash green, and the voice will prompt "Please enter again." Proceed to Step 3.
 - **If the password length is incorrect:** The fingerprint sensor will flash red, and the voice will prompt "Password error." Please re-enter a password with the correct number of digits.
- **Step 3:** Re-enter the same password. Press the 'OK' key to confirm.
 - **If the two entries match:** The fingerprint sensor will flash green, and the voice will prompt "Registration successful." The administrator password is now set.
 - **If the two entries do not match:** The fingerprint sensor will flash red, and the voice will prompt "Registration failed." The setup has failed and the system will automatically exit the setup procedure. Please start over from Step 1 after a short while.

(2) Administrator Fingerprint Setup Procedure:

- **Step 1:** With the lock in factory default state, briefly press and release the "ADD" button on the inner panel. The fingerprint sensor blue light will flash, and you will hear the voice prompt: "Please register administrator password or fingerprint."
- **Step 2:** Place your fingerprint on the fingerprint sensor.
 - If the fingerprint sensor flashes red and the voice prompts "Collection failed," the attempt has failed. Please place the same finger on the sensor again.
 - If the fingerprint sensor flashes green and the voice prompts "Collection successful," the attempt is successful. Please adjust the angle of your finger and continue placing it for further collection.
- **Step 3:** After 5 successful collections, the fingerprint sensor green light will stay solid for a moment, and the voice will prompt "Registration successful," indicating the administrator fingerprint has been successfully set.

Note: If collection fails 10 times cumulatively, the fingerprint sensor red light will stay solid for a moment, and the voice will prompt "Registration failed." The setup has failed and the system will automatically exit. Please try again later (it is recommended to clean or use a different finger to register).

Important: If you set the administrator password first, administrator fingerprint registration will require password authorization. If you set the administrator fingerprint first, administrator password registration will require fingerprint authorization.

3. General User Setting

Setup Instructions:

- A maximum of 50 passwords and 50 fingerprints can be stored, including the administrator.
- If the maximum capacity is reached during setup, the fingerprint sensor will glow pink and the voice will prompt "Full."
- Adding a password or fingerprint for a new user requires authorization via the administrator's password or fingerprint. If the administrator password is forgotten, you can restore the lock to factory settings via the SET operation and reconfigure it.
- It is recommended to ensure the silent mode is turned off before setup for convenient programming via voice prompts. The operation wait time after a voice prompt is 60 seconds; please proceed to the next step promptly.

(1) General User Password Setup Procedure:

- **Step 1:** After the administrator is set, briefly press and release the "ADD" button on the inner panel. The digital keypad light will turn on, and the voice will prompt "Please authorize with administrator password or fingerprint."
- **Step 2:** Perform administrator authorization: enter the administrator password and press the 'OK' key to confirm, OR scan the administrator fingerprint.
 - If correct: The fingerprint sensor will flash green, and the voice will prompt "Authorization successful. Please add new user." Proceed to Step 3.
 - If incorrect: The fingerprint sensor will flash red, and the voice will prompt "Authorization failed. Please try again." After 5 consecutive failures, the system will automatically exit the setup procedure.
- **Step 3:** Enter the new user password (6-10 digits). Press the 'OK' key to confirm.
 - If the password length is correct: The fingerprint sensor will flash green, and the voice will prompt "Please enter again." Proceed to Step 4.
 - If the password length is incorrect: The fingerprint sensor will flash red, and the voice will prompt "Password error." Please re-enter a password with the correct number of digits.
- **Step 4:** Re-enter the same password. Press the 'OK' key to confirm.
 - If the two entries match: The fingerprint sensor will flash green, and the voice will prompt "Registration successful." The new user password is now set.
 - If the two entries do not match: The fingerprint sensor will flash red, and the voice will prompt "Registration failed." The setup has failed and the system will automatically exit the setup procedure. Please start over from Step 1 after a short while.

(2) General User Fingerprint Setup Procedure:

- **Step 1:** After the administrator is set, briefly press and release the "ADD" button on the inner panel. The fingerprint sensor blue light will flash, and the voice will prompt "Please authorize with administrator password or fingerprint."
- **Step 2:** Perform administrator authorization: enter the administrator password and press the 'OK' key to confirm, OR scan the administrator fingerprint.
 - If correct: The fingerprint sensor will flash green, and the voice will prompt "Authorization successful. Please add new user." Proceed to Step 3.
 - If incorrect: The fingerprint sensor will flash red, and the voice will prompt "Authorization failed. Please try again." After 5 consecutive failures, the system will automatically exit the setup procedure.
- **Step 3:** Place the user's fingerprint on the fingerprint sensor.
 - If the fingerprint sensor flashes red and the voice prompts "Collection failed," the attempt has failed. Please place the same finger on the sensor again.
 - If the fingerprint sensor flashes green and the voice prompts "Collection successful," the attempt is successful. Please adjust the angle of the finger and continue placing it for further collection.
- **Step 4:** After 5 successful collections, the fingerprint sensor green light will stay solid for a moment, and the voice will prompt "Registration successful," indicating the new user fingerprint has been successfully set.

Note: If collection fails 10 times cumulatively, the fingerprint sensor red light will stay solid for a moment, and the voice will prompt "Registration failed." The setup has failed and the system will automatically exit. Please try again later (it is recommended to clean the finger or use a different finger to register).

4. Remote Key Pairing

Instructions:

A single lock can be paired with a maximum of 3 remote keys (utilizing 6 button sets).

Each remote key has two sets of lock/unlock buttons, allowing control of two doors, and can be paired with two locks of this brand.

The effective operating range for the remote key is up to 25 meters unobstructed line-of-sight. The actual range may be affected by weather conditions and physical obstacles.

On each remote key, only the paired button set will have remote control functionality; the unpaired set will be inactive. The pairing process is identical for both button sets.

Remote Key Pairing Procedure:

Step 1: Press and hold the "ADD" button on the inner panel for about 5 seconds. Release the button when the fingerprint sensor's pink light flashes and the voice prompt "Please add remote" is heard.

Step 2: Bring the remote key close to the lock body. Press the specific lock or unlock button on the remote key that you wish to pair.

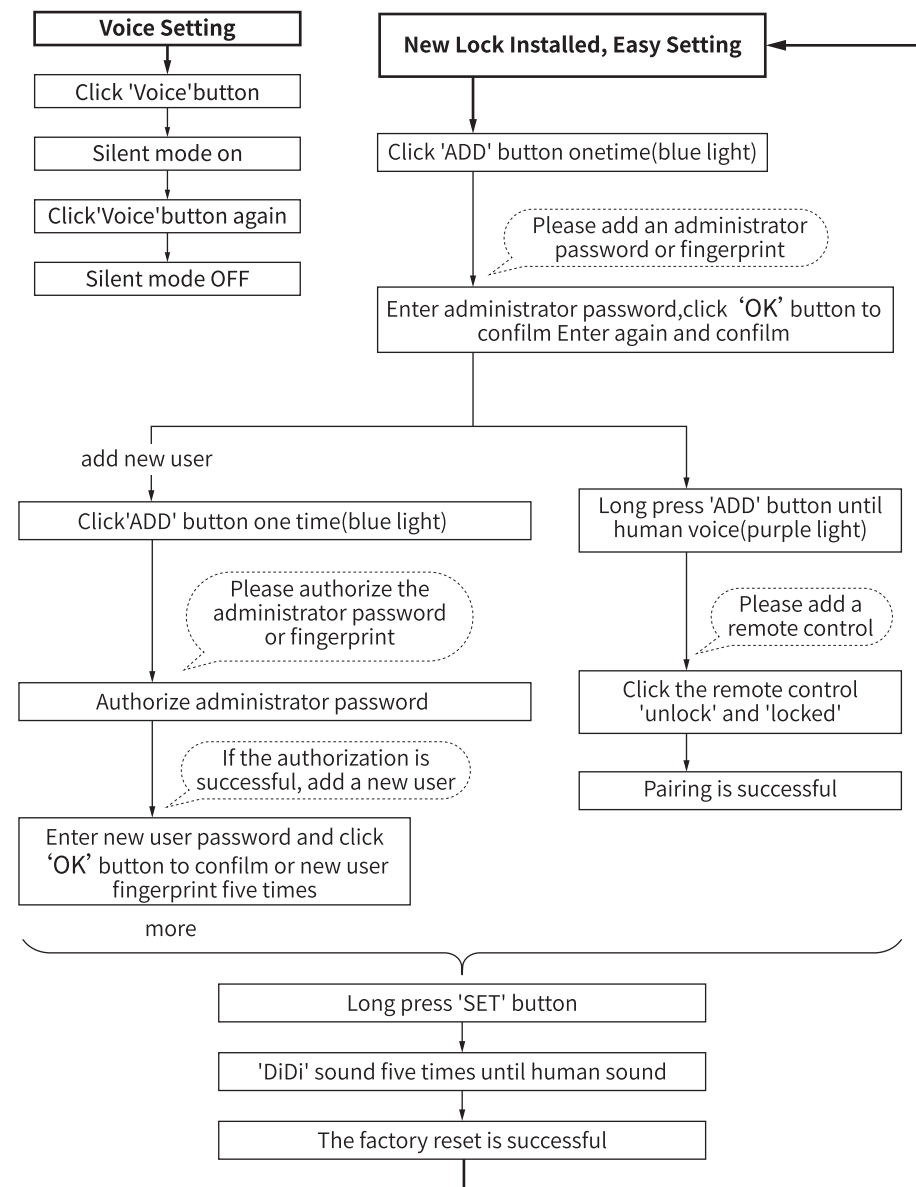
If the fingerprint sensor flashes green and the voice prompts "Pairing successful," the button set has been paired successfully. Release the button and proceed to Step 3.

If the fingerprint sensor flashes blue and the voice prompts "Already paired," this button set has already been paired. The system will automatically exit the pairing mode.

If the fingerprint sensor flashes red and the voice prompts "Capacity full," the maximum number of paired remote keys has been reached. No new pairings are possible, and the system will automatically exit the pairing mode.

Step 3: Wait for 20 seconds before using the remote key.

(**Note:** The pairing mode duration is fixed at 20 seconds. Successfully pairing a key does not reset this timer. You must wait for the remaining time to expire, or you can briefly press the 'ADD' button to exit the mode immediately.)



Function Definitions

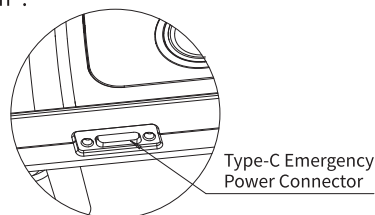
1. Low Battery Warning:

When unlocking, if the battery is low, the fingerprint area flashes red and the voice says “Low battery, please replace soon”.

(Also works in silent mode)

If the battery is depleted:

- 1) Use the physical key to unlock;
- 2) Use a power bank via the Type-C port under the fingerprint sensor for temporary power.



2. Password/Fingerprint Lockout:

After 10 failed attempts, the fingerprint area flashes red, and voice says “Locked”. The system disables unlocking via password/fingerprint for 3 minutes.

3. Anti-Peeping Password Design:

To prevent password theft, users can enter random digits before/after the actual 6–10 digit password. As long as the correct sequence is included, it will unlock successfully.

(Maximum total input: 26 digits)

4. Quick Keyboard Light Off:

Double-press the lock key to turn off the keypad lights quickly.

Troubleshooting

1. Why doesn't the latch work?

- Check whether the bolt extends and retracts smoothly by turning the interior red knob.
- Make sure the latch is properly aligned with the strike plate.
- Check whether the front and rear panels are securely connected with the cable.
- Make sure the cable is not pulled, twisted, or pinched during installation.
- Check whether the mounting screws are over-tightened. If the latch feels stuck, loosen the screws slightly and test again.
- If the latch does not line up with the strike plate, adjust the strike plate position before fully tightening the screws.

2. Why can't the fingerprint be recognized?

- The finger may be too dry, wet, dirty, or damaged.
- Clean the fingerprint sensor and try again.
- Try another registered finger.
- When registering a fingerprint, place the same finger on the sensor from different angles for better recognition.
- If fingerprint recognition fails repeatedly, delete and re-register the fingerprint if needed.

3. Why doesn't the keypad unlock the door?

- Make sure you are entering a registered passcode.
- Press the OK button after entering the passcode.
- Make sure the passcode length and input are correct.
- If using the anti-peeping passcode feature, make sure the correct passcode sequence is included in your input.
- Check whether the batteries are low.
- If there have been too many failed attempts, the lock may be temporarily locked for 3 minutes.
- If the keypad lights up but the latch does not move, check the panel cable connection and latch alignment.

4. Why doesn't the FOB remote work?

- Make sure the FOB remote has been paired with the lock.
- Confirm that you are pressing the paired button set on the FOB remote.
- Move closer to the lock and try again.
- Avoid using the remote near strong signal interference or large physical obstacles.
- Check whether the lock batteries or FOB remote battery are low.
- If the remote still does not work, pair the FOB remote again according to the pairing instructions.

5. What should I do if the batteries are dead?

- Use the included mechanical key to unlock the door.
- Or connect a power bank to the Type-C emergency power port to temporarily power the lock.
- After temporary power is connected, unlock the door using a registered fingerprint, passcode, or FOB remote.
- Replace all 4 AA batteries immediately after opening the door.

Note: The Type-C port provides temporary emergency power only. It does not charge the batteries.

6. Why does the lock give a low battery warning?

- The batteries are running low and should be replaced soon.
- Replace all 4 AA batteries with new batteries.
- Do not mix old and new batteries.
- Do not mix different battery brands or battery types.
- If the warning continues after replacement, check whether the batteries are installed in the correct positive and negative direction.

7. Why does the door not close or lock smoothly after installation?

- Check whether the latch and strike plate are properly aligned.
- Make sure the bolt can fully enter the strike plate hole.
- Check whether the lock body is sitting flat against the RV door.
- Make sure the screws are not over-tightened.
- Check whether the front and rear panel cable is pinched.
- Open and close the door several times before final tightening to confirm smooth operation.
- If needed, adjust the strike plate left or right until the latch moves smoothly.

8. Why can't I add a new fingerprint or passcode?

- Make sure the administrator password or administrator fingerprint has already been set.
- Adding a new user requires administrator authorization.
- Make sure you are using the correct administrator password or administrator fingerprint.
- The lock supports up to 50 passcodes and 50 fingerprints, including the administrator.
- If the storage is full, delete old users or restore factory settings before adding new ones.
- Make sure silent mode is turned off during setup so you can follow the voice prompts.

9. What if I forget the admin passcode or fingerprint?

- Restore the lock to factory settings using the SET button on the rear panel.
- After factory reset, all stored passcodes, fingerprints, and FOB remote pairings will be deleted.
- After reset, set up the administrator password and administrator fingerprint again.

Important: Keep your mechanical backup keys in a safe place outside the RV.

10. Why is there no voice prompt?

- Check whether silent mode is turned on.
- Press the Voice/Mute button on the rear panel to turn voice prompts back on.
- Check whether the batteries are low.
- Replace the batteries if needed.
- If there is still no voice prompt after replacing the batteries, restore factory settings and set up the lock again.

Additional Information

1. Maintenance

- Regularly clean the fingerprint and keypad areas.
- Every 3 months: check battery contacts for oxidation (clean with eraser).
- Every 6 months: lubricate the bolt with the included silicone grease.
- Do not clean with alcohol, thinner, detergent, or pressure washers

2. After-sales & Warranty

- Support email: service.dorwan@gmail.com
- Official website: <https://service.dorwan.top>

3. Warranty Coverage:

- Free replacement within 3 months for quality issues.

Note: Human-caused damage is not covered.