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Kohree KL-RV100

Kohree RV Door Lock KL-RV100 Keyless Entry Instruction Manual

Model: KL-RV100 | Brand: Kohree

Introduction

This manual provides detailed instructions for the installation, setup, operation, and maintenance of your Kohree RV Door Lock KL-RV100. Designed for recreational vehicles, travel trailers, campers, and similar applications, this keyless entry system offers enhanced security and convenience with multiple unlocking methods.
Key features include a backlit keypad for easy visibility, a waterproof design for durability, and control options via a phone application, remote key, or a traditional mechanical key.

Package Contents

Before beginning installation, please verify that all components are present in your package:

- 1x Kohree RV Keyless Lock
- 1x Installation Instruction Manual
- 2x Plates (Strike Plates)
- 2x Mechanical Keys
- 13x Screws (various sizes for different requirements)
- 1x Charging Cable (for internal battery, if applicable)

Image: All items included in the Kohree RV Door Lock package, laid out for inspection.

Specifications

Feature	Detail
Brand	Kohree

Model Name	KL-RV100
Special Feature	Waterproof (IPX3 rating)
Lock Type	Keypad, Mechanical Key, Bluetooth App
Material	Zinc Alloy
Recommended Uses	RV, Travel Trailers, Campers, Trucks, Horse Trailers, Cargo Haulers
Color	Black
Item Weight	1 Pounds
Connectivity Protocol	Bluetooth
Door Thickness Compatibility	1.25" to 1.5"
Hole Cutout Dimensions	2.75" (W) x 3.75" (H)

Image: Diagram showing the dimensions of the Kohree RV Door Lock, including length, width, and height measurements.

Image: Illustration detailing the compatibility of the Kohree RV Door Lock with doors that have hinges on the right side, showing required handle size and lock hole opening dimensions.

Installation

The Kohree RV Door Lock is designed for easy installation, typically taking about 10 minutes. Ensure your RV door meets the specified dimensions (hole cutout 2.75" x 3.75", door thickness 1.25" to 1.5").

Installation Steps:

1. **Remove Old Lock:** Carefully remove your existing RV door lock.
2. **Prepare Door Opening:** Ensure the door's hole cutout and thickness match the specifications.
3. **Install Latch Mechanism:** Insert the new latch mechanism into the door edge and secure it with the provided screws.
4. **Connect Wiring:** Carefully connect the wiring harness from the exterior handle to the interior handle. Ensure connections are secure and wires are tucked away to prevent pinching.
5. **Mount Exterior Handle:** Position the exterior handle assembly, ensuring the spindle aligns with the latch mechanism.
6. **Mount Interior Handle:** Attach the interior handle assembly, aligning it with the exterior handle and securing it with the appropriate screws. Do not overtighten.
7. **Install Strike Plates:** Replace the old strike plate on the door jamb with the new one included in the package. If the door is hard to shut or does not close tightly, adjust the strike plate on the jamb side of the door.
8. **Insert Batteries:** Open the battery compartment on the interior handle and insert 4x AA batteries (not included). Ensure correct polarity.
9. **Test Operation:** Test the lock's functionality using the mechanical key, keypad, and app (after setup).

Image: A detailed diagram illustrating the components and steps for installing the Kohree RV Door Lock, highlighting the handle latch, outdoor handle, keypad, ON/OFF switch, volume button, deadbolt latch, indoor handle, and deadbolt.

Initial Setup

App Setup:

The Kohree RV lock can be controlled via a dedicated smartphone application. Ensure your phone is running iOS version 10.0 or later, or Android version 5.0 or later.

1. **Download the Kohree RV Lock App:**Search for "Kohree RV Lock" in your device's App Store (iOS) or Google

Play Store (Android) and install it.

2. **Pair with Smart Lock via Bluetooth:** Open the app. Your phone will search for the Smart Lock's Bluetooth signal. Follow the on-screen instructions to complete the pairing process.
3. **Set an Access Code:** The app will guide you to set an access code. The default access code is "1234". You can change this to a personalized code within the app.

Keypad Code Programming:

You can program a new keypad code directly on the lock. Ensure the lock is in an unlocked state before changing the password.

1. **Enter Programming Mode:** Press the "8" key for two seconds. While still holding "8", press the "LOCK" key. Then release both keys.
2. **Enter Original Code:** Type in the original code (default is "1234") and then press the "LOCK" button.
3. **Enter New Code:** Type in your desired new code (e.g., 5678) and then press the "LOCK" button.
4. **Confirm New Code:** Re-enter your new code and press "LOCK" again. A confirmation beep will indicate successful programming.

Your browser does not support the video tag.

Video: This video demonstrates how to program the keypad of the Kohree RV Lock, including steps for setting a new access code and testing it.

Operating Instructions

The Kohree RV Door Lock offers three convenient ways to lock and unlock your RV door:

1. Keypad Entry:

- **To Unlock:** Enter your programmed access code on the backlit keypad, then press the "LOCK" button. The lock will retract, allowing you to open the door.
- **To Lock:** Simply press the "LOCK" button on the keypad. The deadbolt will extend, securing the door.

2. Mechanical Keys:

- **To Unlock/Lock:** Insert one of the provided mechanical keys into the keyhole and turn it to engage or disengage the lock.
- **Important:** Always keep mechanical keys somewhere outside your trailer, such as in your vehicle or with a trusted friend, so they are available if you forget your keypad code or if the batteries run out.

3. Smartphone App Control:

Once paired via Bluetooth, the Kohree RV Lock app allows you to control your lock within a 20-meter range.

- **To Unlock/Lock:** Open the Kohree RV Lock app on your smartphone and tap the appropriate button to lock or unlock the door.
- **Customization:** The app allows you to change your private password, set mute/vibrate modes for lock operations, and manage other settings.

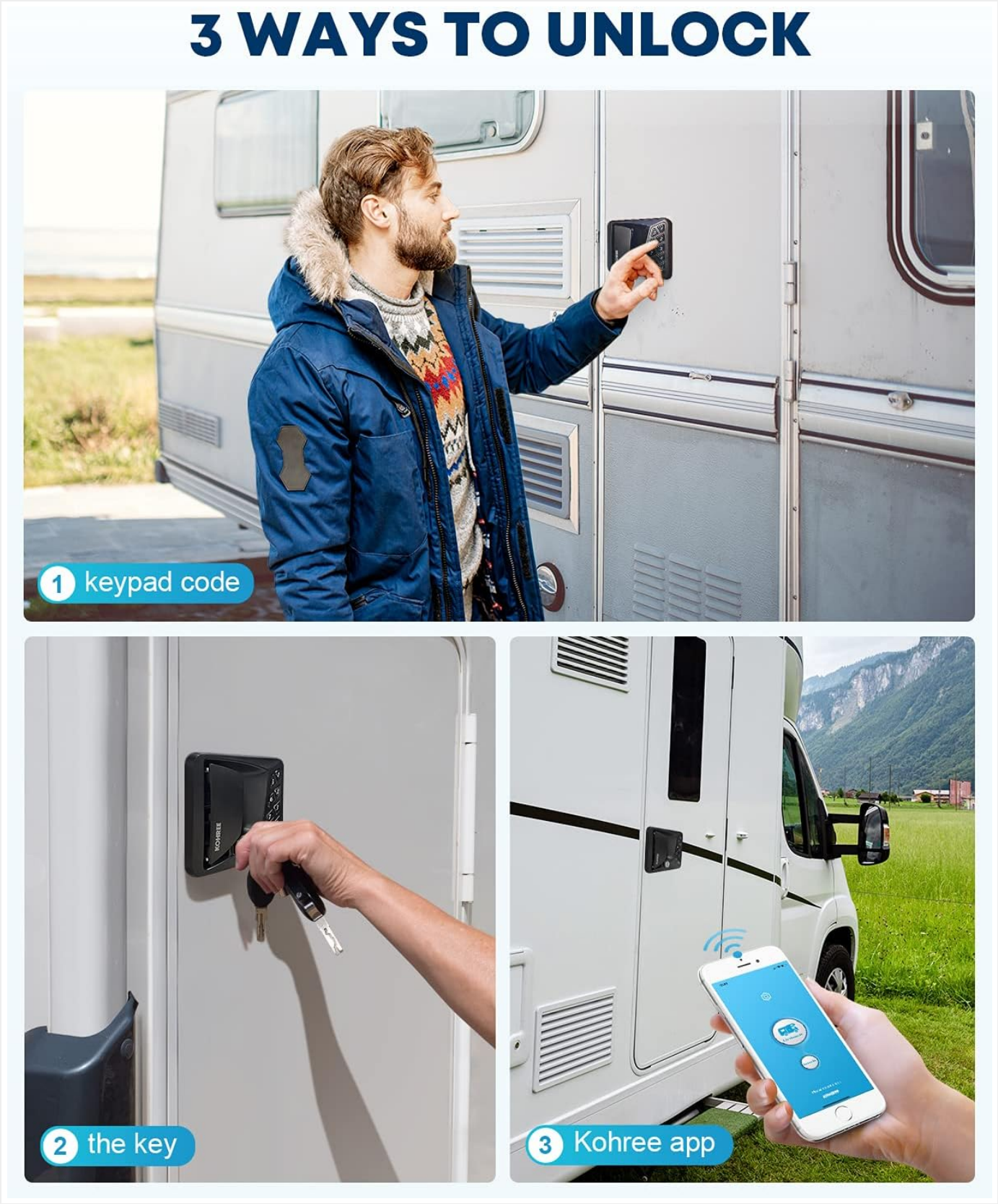

Image: Visual representation of the three ways to unlock the Kohree RV Door Lock: using the keypad code, a mechanical key, and the Kohree smartphone app.

Maintenance

- **Cleaning:** The lock's smooth surface is dust-proof and easy to clean. Use a soft, damp cloth to wipe down the exterior. Avoid abrasive cleaners or solvents.
- **Water Resistance:** The lock features an IPX3 waterproof rating, protecting it from spraying water. While durable, avoid submerging the lock or exposing it to high-pressure water jets.

- **Battery Replacement:** The lock operates on 4x AA batteries. When the batteries are low, the lock may provide an audible or visual indicator. Replace all four batteries simultaneously with new alkaline batteries for optimal performance.
- **Mechanical Key Lubrication:** Periodically apply a small amount of graphite lubricant to the keyhole to ensure smooth operation of the mechanical lock cylinder.

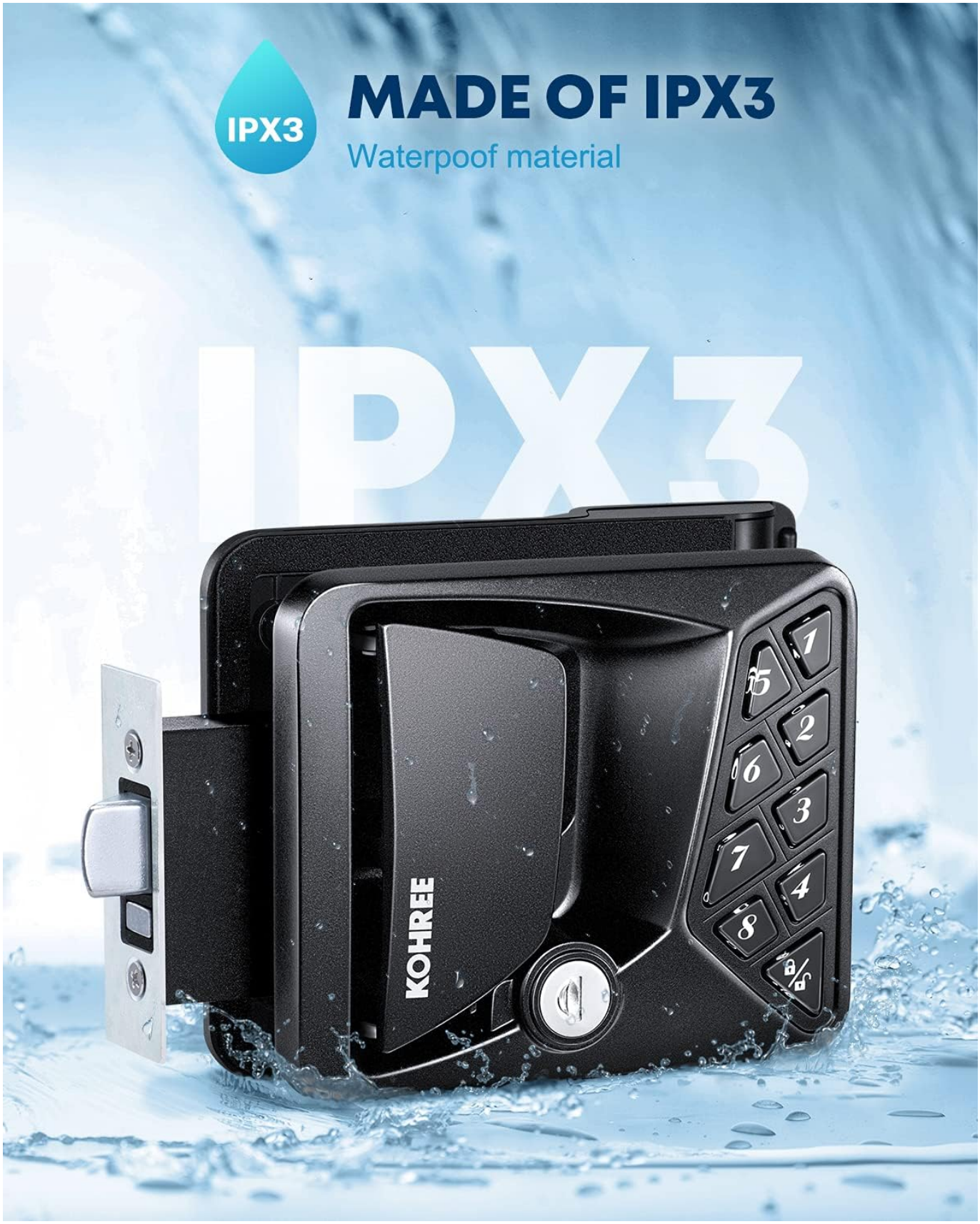

Image: The Kohree RV Door Lock shown with water droplets, highlighting its IPX3 waterproof material and design.

Troubleshooting

- **Keypad Not Responding:**
  - Check battery levels and replace if necessary.
  - Ensure the lock is not in a "silent" mode if using the app.
- **Forgot Keypad Code:**
  - Use the mechanical keys to unlock the door.
  - To reset the keypad code, locate the "code reset" button on the back handle (interior side). Press and hold this button until you hear a long beep (approximately 3 seconds). This will reset all settings, including the keypad code, to default. You will then need to reprogram your desired code.
- **Door Hard to Close or Latch:**
  - Adjust the strike plate on the door jamb. Loosen the screws slightly, reposition the plate for better alignment with the latch, and then re-tighten.
- **Bluetooth App Connection Issues:**
  - Ensure Bluetooth is enabled on your smartphone.
  - Make sure you are within the 20-meter operating range of the lock.
  - Restart the app or your phone.
  - If issues persist, try unpairing and re-pairing the lock within the app settings.

Your browser does not support the video tag.

Video: This video demonstrates how to reset the keypad code on the Kohree RV Lock if you forget it or if the keypad is not functioning correctly.

Warranty and Support

For specific warranty details regarding your Kohree RV Door Lock KL-RV100, please refer to the warranty card included in your product packaging or visit the official Kohree website. Warranty terms typically cover manufacturing defects and material flaws under normal use.
If you encounter any issues during installation, operation, or have quality concerns, please do not hesitate to contact Kohree customer support. Our team is available to assist you with troubleshooting and provide solutions.
Contact Information: Please refer to the contact details provided in your product packaging or on the official Kohree website for the most up-to-date support channels.