

RV Door Lock

Fully Automatic Smart RV Door Lock



User Guide

Version 3.1

Learn more at: <https://lock.zkce.com>

Product Information

Product Name: Fully Automatic Smart RV Door Lock

Model: ZK-78

Key Features:

- Keyless entry for quick and easy access
- One-touch operation to lock and unlock simultaneously
- Fully automatic locking mechanism
- Durable all-metal construction
- Flexible deadbolt to prevent accidental unlocking
- Safety "anti-unlock" design — deadbolt retracts only when the door is actually opened

Dimensions: 5.9 in × 4.7 in × 3.5 in (L × W × H)

Materials: High-strength metal body, silicone buttons, ABS plastic battery compartment

Surface Finish: Anti-oxidation, UV-resistant, and waterproof powder coating

Control Methods: Mechanical key, remote fob, keypad password, deadbolt switch

Weight: 4.4 lbs

Country of Origin: Made in China

Lock Hole Opening Size:

- Standard: 3.75 in × 2.75 in × 1.3–1.5 in (H × W × Door Thickness)
- Maximum: 4.5 in × 5.5 in × 1.5 in (H × W × Door Thickness)

Power Supply: Requires 4 × AA batteries

Package Includes: 2 keys, 2 remote fobs, 1 smart lock, 1 pinch plate, 1 strike plate, 8 screws, 1 screwdriver, 1 user manual

For more information and installation instructions, please **visit:** <https://lock.zkce.com>

Key Features

- 1、Keyless Entry – Unlock the door by entering a password or using the wireless remote control.
- 2、Fully Automatic One-Touch Locking & Unlocking – When electronically locked, both the inside and outside handles cannot rotate, and neither the latch nor the deadbolt can be opened. Once unlocked, both handles can rotate to operate the latch and deadbolt, allowing the door to open.
- 3、Flexible Deadbolt – When locked, the deadbolt is flexible and extended outward to prevent unlocking caused by vehicle vibrations. It also reduces impact damage if the door is not fully closed, and prevents the deadbolt from being in a "false locked" position.
- 4、Anti-Misoperation Feature – The deadbolt retracts only when you actually open the door by turning the handle, ensuring it won't retract accidentally.
- 5、All-Metal Integrated Lock Body – Made from high-strength alloy with an anti-oxidation, waterproof, UV-resistant, and high-temperature-resistant coating for maximum durability.
- 6、Remote Key Fob – Wireless control with a reception range of up to 145 ft, allowing you to lock and unlock from a distance.
- 7、Emergency Unlock – If the batteries run out, the lock can be opened from the outside using the mechanical key, or from the inside using the emergency release switch.
- 8、Password Unlock – Supports 6–8 digit customizable passwords and allows multiple users to have their own independent codes for unlocking.

Prompt light and sound

Indicator light

Red light: Under any circumstances, a lit red light indicates that the performed operation is incorrect.

Green light: Under any circumstances, a lit green light indicates that the performed operation is correct.

Blue light: The blue light is on when inputting. The blue light is on when entering the setting mode and goes off after the setting is successful.

The indicator light is the indicator light on the keypad panel of the lock body.

prompt tone

Short beep: When pressing a key for input, press once and there will be a beep.

Three short beeps: When there is an input error or setting error, there will be three quick short beeps.

One long beep: When the input is correct or the setting is correct, there will be one long beep.

Alternating short and long beeps: When there are consecutive input errors, the system will be locked and an alarm will sound.

Low battery prompt

When you successfully unlock with the password keypad, if the battery power is lower than 10%, there will be a prompt (the prompt signal is: the red light flashes three times for a long time, and the buzzer synchronously beeps three times for a long time).

Remote control key

indicator light

Lock button

Unlock button

- ⚠ WARNING**
- Keep Out of Reach of Children: Store the remote control out of the reach of children to avoid the risk of battery ingestion, which can lead to serious injury.
- Proper Disposal: If the remote control requires disposal or recycling, please follow local regulations for electronic waste to ensure the safe disposal of the button cell battery.
- Do Not Disassemble: Do not attempt to disassemble the remote control, as this may result in battery leakage or damage.
- When the battery is exhausted, please replace the battery.
 - When it is used for the first time, it is in the initial state. After the smart lock sets a password, the remote control key becomes invalid and the remote control key needs to be released.

Remote Setup

- Press and hold the ADD button for 5 seconds until you hear a beep.
- Press any button on the remote. A beep will confirm the remote has been paired successfully.

Product Description

This product adopts a one-click locking design scheme. When locked, neither the internal nor external handle can be opened. After unlocking, the internal and external handles can be opened normally.

Unlock Options

- Key: Opens and locks from outside. Don't leave it in the RV.
- Password: Type your code to unlock. Press the lock button to lock.
- Remote: Unlock with the remote's unlock button, lock with the lock button.
- Inside: Turn the bolt to lock or unlock.
- Mix & Match: Any method works with any other to lock or unlock.

Password Setup

- Press and hold the ADD button for 5 seconds until you hear a beep.
- Enter a 6–8 digit password.
- Press the Unlock button to confirm. A beep will indicate the password was saved successfully.

Remote Setup

- Press and hold the ADD button for 5 seconds until you hear a beep.
- Press any button on the remote. A beep will confirm the remote has been paired successfully.

Factory Reset

- Press and hold the RESET button for 5 seconds until you hear a beep.
- Press the Unlock button to confirm. The lock will return to its original factory settings.

Notes:

In the factory default mode, the lock can be opened or closed without a password.

After setting a password for the first time, you must re-pair the remote before it can be used.

Don't leave the key in your RV. You won't need it for everyday use — only if the batteries run out and the lock won't open with the remote or keypad. Just keep the key at home as a backup.

Setup Instructions

Exterior Dimensions of the Lock Body: 5.9 in × 4.7 in × 3.5 in (L × W × H)

Lock Hole Opening Size:

- Standard: 3.75 in × 2.75 in × 1.3–1.5 in (H × W × Door Thickness)
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Package Includes: 2 keys, 2 remote fobs, 1 smart lock, 1 pinch plate, 1 strike plate, 8 screws, 1 screwdriver, 1 user manual

Installation Steps:

- Remove the four screws to separate the inside and outside parts of the lock. There's a wire connecting them, so gently pull it out to fully separate the two parts.
- Carefully slide the outside lock body into the door from the outside. Adjust its position, then attach the strike plate to the door with the matching screws.
- From inside, line up the inside lock body with the door hole. Connect the wire plug, align the bolt switch, and insert the inside handle rod into the lock tongue slot. Then close it.
- Still from inside, line up the screw holes and tighten the four screws while adjusting the position as needed.
- Finally, install the pinch plate on the door frame.

Door Thickness 1.3-1.5

H 3.75in

W 2.75in

Internal lock body structure

The front and rear lock bodies are separate, connected by a wire in the middle.

Installation screws X4

Internal handle

Battery compartment

Latch switch

Installation video tutorials

Visit [HTTPS://LOCK.ZKCE.COM](https://lock.zkce.com) to view more installation tutorials.