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RFXCOM B0BYK2K4L2

RFXCOM Recessed Zinc Alloy Paddle Handle Lock Instruction Manual

1. INTRODUCTION

This instruction manual provides detailed guidance for the installation, operation, and maintenance of your RFXCOM Recessed Zinc Alloy Paddle Handle Lock, model B0BYK2K4L2. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product. This lock is designed for applications such as RVs, truck tool boxes, and other enclosures requiring a secure, recessed latching mechanism.

2. PRODUCT OVERVIEW

The RFXCOM Recessed Zinc Alloy Paddle Handle Lock is a durable and secure locking solution. It features a robust zinc alloy construction and a recessed design for a flush finish, minimizing protrusion. The paddle handle mechanism provides easy operation, while the integrated 12V whale tail lock ensures security.

Key Features:

- **Material:** High-strength Zinc Alloy for durability.
- **Design:** Recessed paddle handle for a sleek, low-profile appearance.
- **Security:** 12V Whale Tail Lock mechanism for reliable security.
- **Application:** Suitable for RVs, truck tool boxes, and various industrial enclosures.
- **Finish:** Black powder-coated body with chrome-plated handle (for black variant).



Figure 2.1: RFXCOM Recessed Paddle Handle Locks. The image displays two locks, one with a black body and chrome handle, and another with a chrome body and handle, illustrating the design and finish options.

3. SETUP AND INSTALLATION

Proper installation is crucial for the secure and reliable operation of your paddle handle lock. Refer to the provided dimensions for accurate cutout and mounting.

Tools Required:

- Drill
- Appropriate drill bits (for pilot holes and mounting screws)
- Jigsaw or hole saw (for main cutout)
- Measuring tape or ruler
- Marker or pencil
- Screwdriver (Phillips or flathead, depending on mounting hardware)
- Safety glasses and gloves

Installation Steps:

1. **Prepare Mounting Surface:** Identify the desired location for the lock on your RV door, truck tool box, or enclosure. Ensure the surface is flat and provides sufficient clearance for the lock mechanism on the interior side.
2. **Mark Cutout Area:** Using the dimensions provided in Figure 3.1, carefully mark the rectangular cutout area and the circular hole for the key cylinder (if applicable) on your mounting surface. The main body requires a cutout of approximately 90mm x 106mm, with a depth of 34mm for the recessed portion. The key cylinder requires a 17.5mm diameter hole.
3. **Cut Opening:** Carefully cut out the marked rectangular opening and drill the circular hole using appropriate tools. Ensure clean edges to prevent damage to the lock or mounting surface.
4. **Insert Lock Body:** Insert the main body of the paddle handle lock into the prepared opening from the exterior side. Ensure it sits flush with the surface.
5. **Secure Lock:** From the interior side, attach the mounting plate and secure the lock using appropriate screws or bolts. Tighten fasteners evenly to prevent distortion.
6. **Connect Wiring (if 12V):** If your model includes 12V functionality (e.g., for central locking or alarm integration),

connect the wiring according to your vehicle's or system's electrical diagram. Ensure proper polarity and insulation.

7. **Test Operation:** Before fully closing the enclosure, test the lock's operation. Ensure the paddle handle moves freely, the latch engages and disengages smoothly, and the key cylinder (if present) operates correctly.

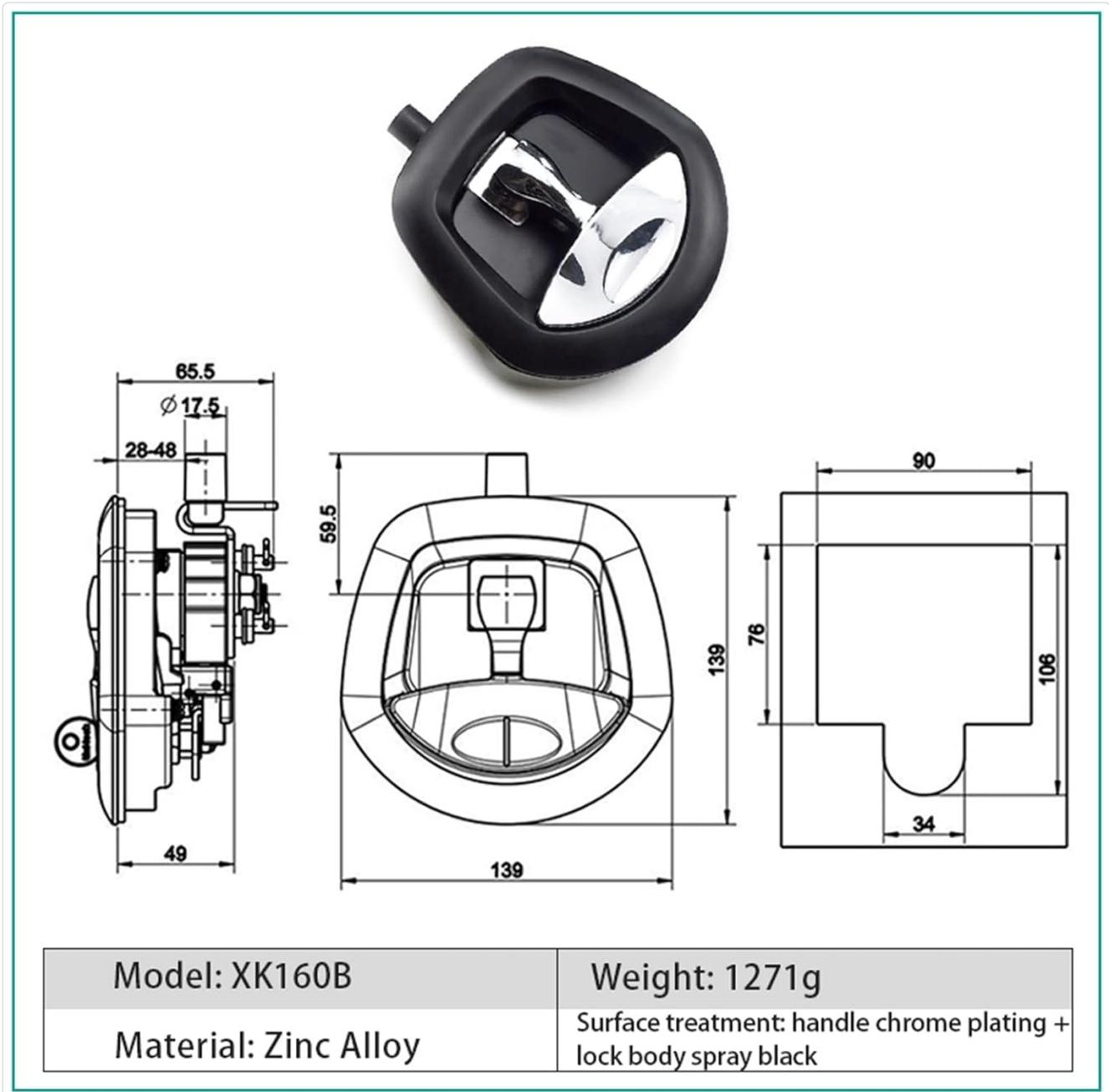


Figure 3.1: RFXCOM Recessed Paddle Handle Lock Dimensions. This technical drawing provides precise measurements for the lock's body, cutout requirements, and key cylinder diameter, essential for accurate installation.

4. OPERATING INSTRUCTIONS

Operating the RFXCOM Recessed Zinc Alloy Paddle Handle Lock is straightforward.

To Unlock:

- If locked with a key, insert the key into the key cylinder and turn to the unlock position.
- Press the paddle handle inward. This will retract the latch mechanism, allowing the door or lid to open.

To Lock:

- Close the door or lid firmly until the latch engages with the strike plate.
- Insert the key into the key cylinder and turn to the lock position. Remove the key.

- Verify that the lock is engaged by attempting to open the door or lid without pressing the paddle handle.

5. MAINTENANCE

Regular maintenance will help ensure the smooth operation and extend the lifespan of your RFXCOM paddle handle lock.

- **Cleaning:** Clean the exterior of the lock periodically with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Lubrication:** Apply a small amount of graphite lubricant or a silicone-based spray lubricant to the key cylinder and internal moving parts of the latch mechanism once or twice a year, or as needed in harsh environments. Do not use oil-based lubricants as they can attract dirt.
- **Inspection:** Periodically inspect the lock for any signs of wear, damage, or loose mounting screws. Tighten any loose fasteners.
- **Corrosion Prevention:** For locks exposed to moisture or corrosive environments, consider applying a thin layer of protective wax or silicone spray to metal surfaces after cleaning.

6. TROUBLESHOOTING

If you encounter issues with your RFXCOM paddle handle lock, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Paddle handle is stiff or difficult to press.	Lack of lubrication; dirt or debris in mechanism; bent components.	Apply lubricant to moving parts. Clean out any visible debris. If bent, inspect for damage and consider replacement.
Latch does not retract fully or gets stuck.	Misalignment with strike plate; internal mechanism obstruction; worn spring.	Check alignment of lock and strike plate and adjust if necessary. Clean and lubricate mechanism. If spring is worn, professional repair or replacement may be needed.
Key is difficult to turn or gets stuck in cylinder.	Dirt or corrosion in key cylinder; bent key; incorrect key.	Apply graphite lubricant to key cylinder. Try a different key if available. Ensure the key is not bent.
Lock does not secure the door/lid.	Latch not engaging strike plate; internal locking mechanism failure.	Verify proper alignment and engagement of the latch with the strike plate. Inspect internal locking components for damage.

7. SPECIFICATIONS

Detailed specifications for the RFXCOM Recessed Zinc Alloy Paddle Handle Lock (Model B0BYK2K4L2):

Attribute	Detail
Brand	RFXCOM
Model Number	B0BYK2K4L2
Material	Zinc Alloy
Color	Black
Style	Modern
Number of Pieces	1

Attribute	Detail
Controller Type	Hand Control
Item Weight	0.035 ounces (approximately 1 gram)
Manufacturer	RFXCOM

8. WARRANTY AND SUPPORT

Specific warranty information for the RFXCOM Recessed Zinc Alloy Paddle Handle Lock (Model B0BYK2K4L2) is not provided in the product details. For warranty claims, technical support, or further assistance, please contact the manufacturer, RFXCOM, or your point of purchase directly. Retain your proof of purchase for any warranty-related inquiries.