Avidsen 114258X2

Avidsen 4-Button 433.92 MHz Rolling Code Remote Control User Manual

Model: 114258X2

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Avidsen 4-Button 433.92 MHz Rolling Code Remote Control. Please read this manual carefully before use to ensure proper function and safety.

The Avidsen remote control is designed to operate various Avidsen gate and garage door motorizations. It features a 16-bit rolling code technology for enhanced security, generating 65,536 unique combinations for each command. With four independent buttons, it can control up to four different automated systems.

SETUP AND PROGRAMMING

Before using your new remote control, it must be programmed to your Avidsen motorization system. The programming procedure may vary slightly depending on your specific motorization model. Refer to your motorization's instruction manual for detailed programming steps. Generally, the process involves placing your motorization receiver into learning mode and then transmitting a signal from the new remote control.

General Programming Steps (Consult your motorization manual for specifics):

1. **Access the Receiver:** Locate the control unit or receiver on your gate or garage door motorization.

2. **Activate Learning Mode:** Press and hold the programming button (often labeled "PROG," "LEARN," or similar) on the motorization's receiver. An indicator light (LED) will typically illuminate or flash to confirm learning mode is active.

3. **Transmit from Remote:** While the receiver is in learning mode, press and hold the desired button on your new Avidsen remote control for a few seconds. The receiver's indicator light may change (e.g., flash rapidly, turn solid, or turn off) to confirm successful pairing.

4. **Exit Learning Mode:** Release the programming button on the receiver. Some systems automatically exit learning mode after a short period or after a successful pairing.

5. **Test Operation:** Press the programmed button on your remote control to verify that it operates the

motorization correctly.

Image: An Avidsen remote control in a hand, sending a signal to open a wooden gate. This illustrates the remote in active use with a gate motorization system.

Multi-Device Control:

This remote features four independent buttons, allowing you to control up to four different Avidsen motorizations (e.g., a gate, a garage door, an additional gate). Repeat the programming steps for each button with its respective motorization.

Image: An Avidsen remote control shown with graphical representations of a swing gate, a garage door, and a sliding gate, indicating its multi-device control capability.

OPERATING INSTRUCTIONS

Once programmed, operating your Avidsen remote control is straightforward:

- **Activation:** Press the corresponding button on the remote control that has been programmed to your specific gate or garage door motorization.

- **Signal Transmission:** The remote will send a 433.92 MHz radio signal with a unique 16-bit rolling code to the receiver.

- **Range:** Ensure you are within the operational range of your motorization's receiver for reliable signal transmission. Environmental factors can affect range.

- **Security:** The rolling code technology ensures that each signal transmitted is unique, preventing unauthorized duplication and enhancing the security of your access points.

MAINTENANCE

Battery Replacement:

The remote control is powered by a CR2032 lithium coin cell battery, which is included. The battery typically provides up to 2 years of autonomy, depending on usage frequency. When the remote's range decreases significantly or the indicator light (if present) fails to illuminate, it's time to replace the battery.

1. **Open the Casing:** Carefully open the remote control casing. There is usually a small notch or screw to facilitate this.

2. **Remove Old Battery:** Remove the old CR2032 battery, noting its polarity (+/-).

3. **Insert New Battery:** Insert a new CR2032 battery with the correct polarity.

4. **Close Casing:** Securely close the remote control casing.

Image: An Avidsen remote control displayed alongside a CR2032 coin cell battery, illustrating the type of battery required for the device.

Cleaning and Storage:

- Clean the remote control with a soft, dry cloth. Do not use abrasive cleaners or solvents.

- Store the remote in a dry place, away from extreme temperatures and direct sunlight.

- The remote is designed for outdoor use and is resistant to water splashes and common weather conditions, but it is not fully submersible.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Remote does not operate the motorization.	- Battery is low or depleted. - Remote is not programmed or programming was lost. - Out of range. - Interference.	- Replace the CR2032 battery. - Re-program the remote control to the motorization (refer to "Setup and Programming" section). - Move closer to the motorization's receiver. - Check for sources of radio interference (e.g., other wireless devices).
Reduced operating range.	- Low battery. - Environmental obstructions (walls, metal structures). - Radio interference.	- Replace the CR2032 battery. - Ensure a clear line of sight if possible, or move to a different position. - Identify and mitigate sources of interference.
Motorization responds intermittently.	- Weak battery. - Interference. - Loose connection in motorization receiver.	- Replace the CR2032 battery. - Check for and eliminate interference. - Consult your motorization manual or a qualified technician.

SPECIFICATIONS

- **Model:** 114258X2

- **Brand:** Avidsen

- **Frequency:** 433.92 MHz

- **Coding:** 16-bit Rolling Code (65,536 combinations)

- **Buttons:** 4 independent buttons

- **Battery:** 1x CR2032 Lithium Coin Cell (included)

- **Battery Life:** Approximately 2 years (depending on usage)

- **Dimensions (L x W x H):** 6.5 x 3.7 x 1 cm (2.56 x 1.46 x 0.39 inches)

- **Weight:** 90 grams (approx. 3.17 oz)

- **Operating Environment:** Outdoor use, resistant to water splashes and common weather conditions.
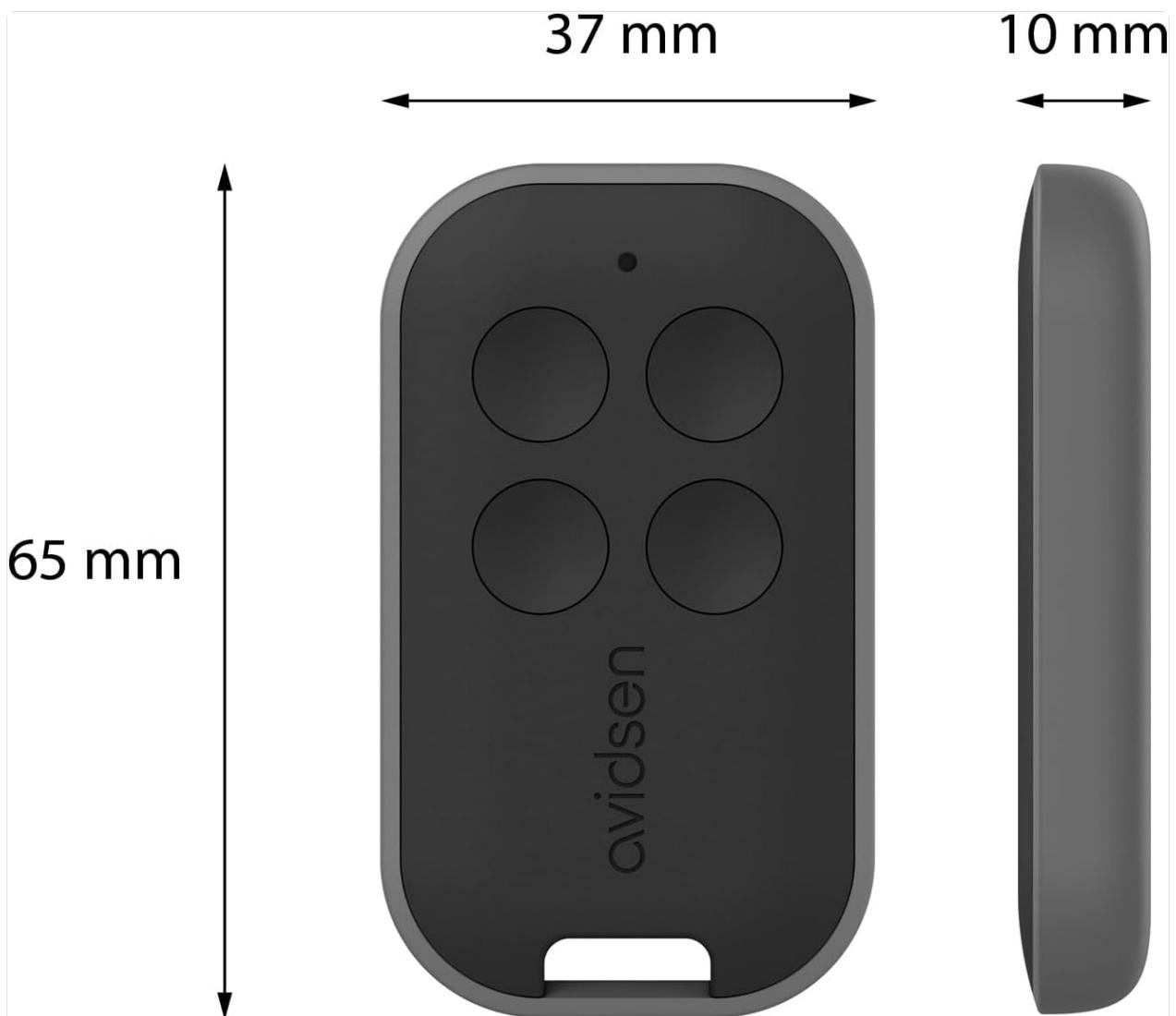
Image: A technical drawing showing the dimensions of the Avidsen remote control: 65 mm in length, 37 mm in width, and 10 mm in thickness.

WARRANTY AND SUPPORT

For warranty information, technical support, or assistance with programming, please refer to the documentation provided with your Avidsen motorization system or contact Avidsen customer service directly. Keep your proof of purchase for warranty claims.

Manufacturer: Avidsen

Website: www.avidsen.com