PARADOX

# REM25M

5-Button Remote



INSTALLATION MANUAL

FW Version: V1.00.002

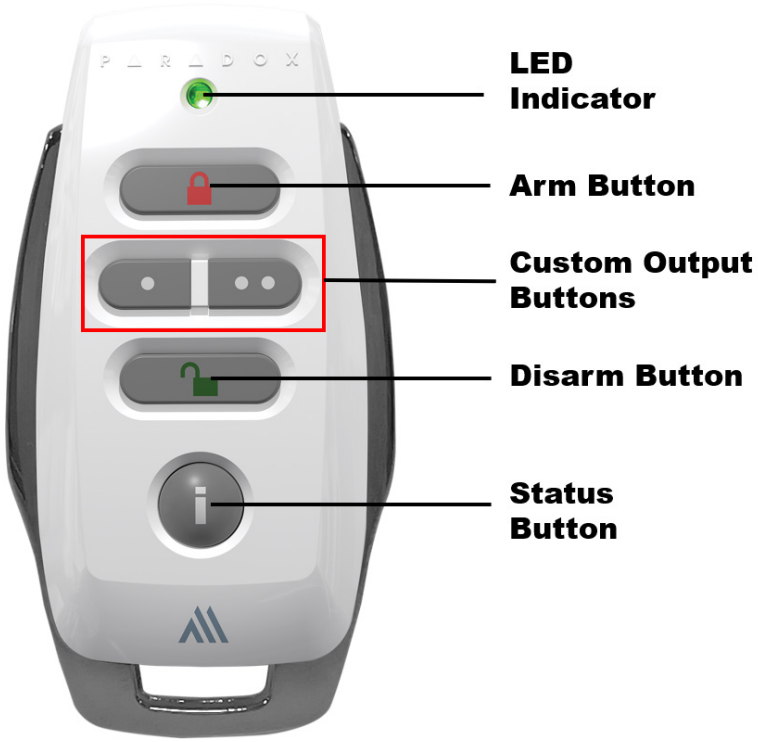
## Introduction

The REM25M is a water-resistant 5-button remote control that provides the user with the status of their system by pressing the status button. It communicates with the Paradox M systems using 2-way wireless communication, featuring the latest Gaussian Frequency Shift Keying (GFSK) technology with frequency and encryption hopping. This ensures superior wireless range, enhanced encryption, supervision, reliability, and extended battery life.

With a sleek and durable design, it offers users the ability to arm, disarm, and manage programmable outputs (PGMs) at the press of a button. Its two-way communication ensures feedback from the system, keeping users informed of its status.

## Components of REM25M

The following figure displays the components of REM25M.




Components of REM25M

## Replacing Battery

**CAUTION: This product contains a coin or button cell battery. If the coin or button cell battery is swallowed, it can cause severe internal burns in just two hours and can lead to death.**

To replace the battery of REM25M:

1. Loosen the screws from the back of the remote control.



2. Insert a flathead screwdriver into the slot available at the bottom of the back cover and pull up the cover.
3. Lift the battery from the battery plate. Avoid using metal tools to prevent damage.
4. Replace with a new battery. Ensure that the positive side of the battery is facing down.
5. Secure the back cover and tighten the screws.

## Pairing REM25M with the Wireless M Console

The pairing and configuration settings of REM25M are managed through the BlueEye application.

### Prerequisites

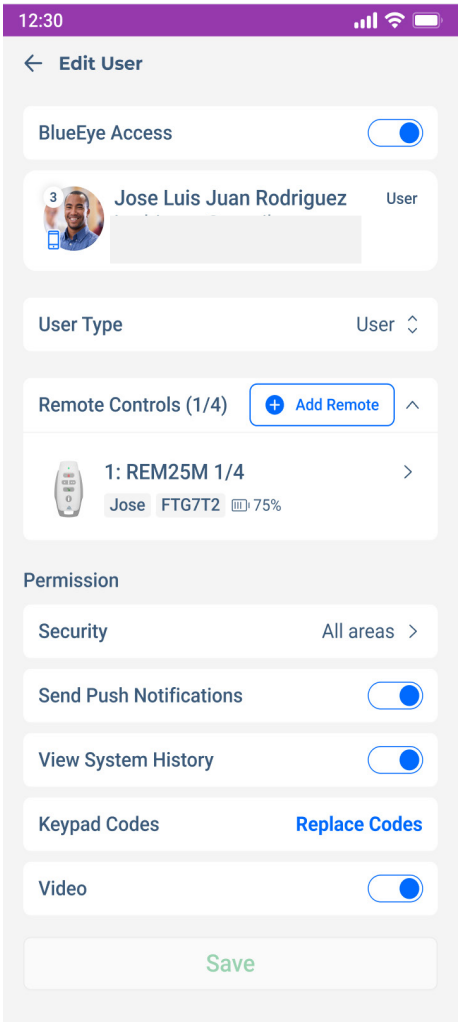
Ensure that:

1. The BlueEye application is installed on your mobile and connected to the site.
2. The M console is powered on (Paradox logo color - white, red, or green).

### Pairing REM25M

To pair the REM25M with the wireless console as an owner:

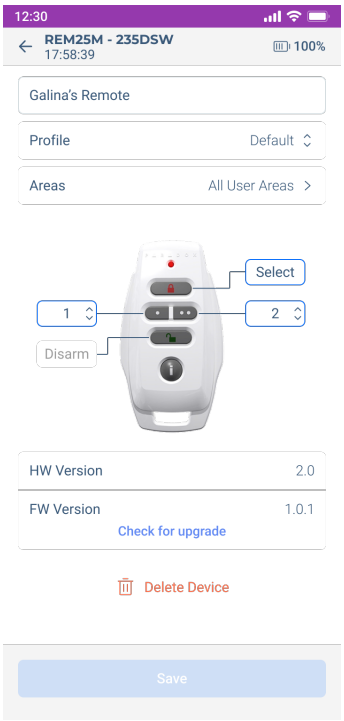
1. In BlueEye > when in the M site, tap ☰, and then tap **Users and Remotes**.
2. Tap your profile > tap **Add Remote** and press any button on your remote. The remote pairs with the console and appears at the top of the device list with a ***new*** tag and voice announcement.




## Configuring the REM25M

To configure the REM25M settings:

1. When in the M site, tap ☰, and then tap **Users and Remotes**.
2. Tap your profile and then tap REM25M from the device list.
3. On the page that opens, enter the necessary details.
4. Tap **Save**.
   For details about each parameter displayed on the page, see Table 1.




The following table lists the parameters displayed for configuring the REM25M, along with their descriptions.

**Table 1**

| Parameter | Description |
|---|---|
| **Assign areas** | Select an area to assign from the list. |
| **Profile** | Create or select a remote profile pattern from the list. |
|  | This button is configured to arm the system. |
|  | This button is configured to disarm the system. |
|  | Select a specific output to control or assign a status (**Arm**, **Stay**, **Sleep**, **Panic**) from the list. |
|  | Select a specific output to control or assign a status (**Arm**, **Stay**, **Sleep**, **Panic**) from the list. |

| | |
|---|---|
|  | Press this button to view the current system status. |
| **Delete Remote** | This option deletes the device from the system completely. After deletion, the system generates a push notification only if the owner registration is complete, not during installation.<br>**NOTE**: *Only an installer can delete the device.* |

## Using the REM25M

The current status of the security system (armed, disarmed, or in alarm) can be identified by pressing the status button  on the remote. When pressed, the LED indicates the following:

- Steady red - The system is armed
- Steady green - The system is disarmed
- Blinking red alternatively - An alarm has been triggered.

To perform an action, press and hold the desired button for more than 0.5 seconds. The custom buttons can be programmed for specific functions such as output activation, arming, staying, sleeping, or triggering panic. If the custom buttons are not assigned to a function, the LED blinks red when pressed. If they are assigned to a function, the LED displays a steady green when pressed.
**NOTE**: *The battery level of the remote can be viewed in the BlueEye application.*

## Upgrading Firmware

To upgrade the firmware:

1. In the **Hardware** tab, tap on the device > **Check for Upgrade**.
2. If an upgrade is available, tap **Upgrade** when prompted and press any button on the remote.
   The process may take a few minutes. Keep track of the progress in the BlueEye application to ensure that the upgrade is completed successfully. Both the Installers and owners can perform the upgrade.
   **NOTE**: *As the REM25M uses a small-capacity coin cell battery, each upgrade may consume 2-4% of battery life.*

**IMPORTANT**: The firmware upgrade can be done only when the system is disarmed.

## Signal Strength and Transmit Power Monitoring

The BlueEye application provides insights into each device's received signal strength and transmission power to optimize performance.

To view the RSSI and transmit power range:

1. When in the **Hardware** tab, tap the ⓘ icon next to the **Wireless** tab.
   A pop-up window with the RSSI and transmit power range is displayed.
2. Maximum power transmitted by REM25M:
   - 868 MHz: +14 dBm
   - 914 MHz: +14 dBm




## Technical Specifications

The following table lists the technical specifications of REM25M along with their descriptions.
**NOTE**: *The specifications are subject to change without prior notice.*

| Specification | Description |
|---|---|
| **Wireless type** | GFSK two-way with encryption hopping |
| **RF Frequency** | 868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz range<br>May vary by region. |
| **RF Power** | 868 MHz up to +14 dBm, 914 MHz up to +14 dBm |
| **Transmission Time** | Less than 20 ms |
| **Battery** | 1 x CR2032 lithium |
| **Operating Temperature** | -20°C to +50°C (-4°F to 122°F) |
| **Colors** | Black, White |
| **Dimensions** | 3.9W x 7.2H x 1.2D cm (1.5" W x 2.8" H x 0.5" D) |
| **Weight** | 30 g |
| **Certification** | CE, FCC 15.247 |

## FCC Statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

**NOTE**: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and the receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

**WARNING** – RF EXPOSURE COMPLIANCE: This equipment should be installed and operated with a minimum distance 5 mm between the radiator and your body.

**FCC ID**: KDYREM25M
**IC**: 2438A-REM25M

- This Class B digital apparatus complies with Canadian ICES-003.
- -Cet appareil numerique de la classe B est conforme a la norme NMB-003 du Canada.

## IC Statements

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

AVERTISSEMENT – CONFORMITÉ AUX NORMES D'EXPOSITION AUX RF: Cet équipement doit être installé et utilisé à une distance minimale de 5 mm entre le radiateur et votre corps.

## Instructional Safeguard

- Do not ingest the battery, as it may cause chemical burns.
- Keep both new and used batteries out of reach of children. If the battery compartment does not close securely, keep the product away from children.
- If you suspect that a battery might have been swallowed or inserted into any part of the body, seek immediate medical attention.

## Warranty

For complete warranty information on this product, see the Limited Warranty Statement document, or contact your local Paradox distributor.

## Patents

US, Canadian, and international patents may apply. Paradox is a trademark or registered trademark of Paradox Security Systems (Bahamas) Ltd.
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