

REM101: Single-button Remote Control with EZ Panic

User Guide V1.1

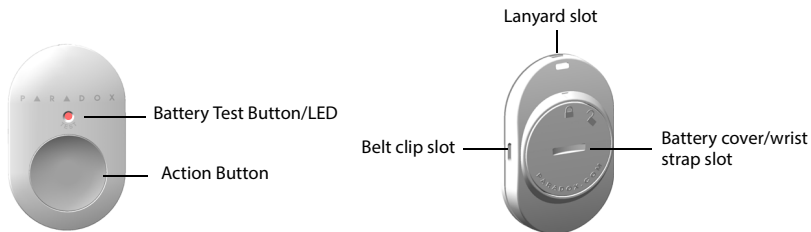
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What's New in V1.1

- A "Low Battery Signal" is sent to the control panel when battery is low. Upon power-up, a "Low Battery Restore Signal" is sent to the control panel when the battery voltage level has reached an acceptable level for normal operation. Compatible with MG5000, MG5050 (V4.9), SP4000, SP65 (V5.1), K32LX (V1.1), RTX3 (V5.16), and MG6250 (V1.5x).
- The REM101 now complies with EN 50131 standards.

Overview

The REM101 is a single-button remote control, with easy panic functionality and battery test button. It is available in both 433 or 868 MHz versions.



Compatibility and Technical Specifications

- Magellan All-in-one Wireless Console (MG6250)
- 32-Zone Wireless Transceiver Control Panels (MG5000 / MG5050)
- Magellan Wireless Expansion Module (RTX3)
- Wireless Receiver (RX1)
- LCD Keypads with Built-in Transceivers (K32LX / K641LX)
- EN 50131-3 Grade 2 Class II (portable type B; certification body = Intertek)
- Consumption: standby = 2uA (11 mA during transmission)
- Battery: One 3V lithium battery (CR2032)
- Temperature range: -10 to +55°C (14 to 131° F) / Humidity: 5-90%
- Weight: 16 grams (0.5 oz)
- Dimensions: 32 x 51 x 13 mm (1.2 x 2.0 x 0.5 in)

Wireless Range

- 30 m (100 ft.) with Magellan All-in-one Wireless Console (MG6250) and RX1
- 45 m (150 ft.) with the MG5000 / MG5050, RTX3, K32LX, and K641LX

Battery

One 3V lithium battery (CR2032) is included with the remote. Refer to *Testing the Battery* for details on when to replace the battery, and *Replacing the Battery* for instructions on how to replace it.

Accessories

The following carrying accessories are available for your REM101: Lanyard attachment to wear around neck (standard), Belt clip (optional), Wrist strap (optional).

Using Your Remote Control

You can use the REM101 to perform the following actions:

- Arm your system (no disarming) / Activate PGMs / Activate panic alarms (police, medical, fire)

NOTE: Since the REM101 is a single-button remote control, it can only perform one of the above-mentioned actions at a single time. Refer to your control panel's respective programming guide for details on programming your remote according to the user's needs.

The Action Button

To use your REM101 to arm your system, or activate a PGM or panic alarm, press and hold the action button for one second until the LED flashes. The LED emits rapid flashes during a four-second period, confirming your action.

Testing the Battery

To test the battery strength, press and hold the **Test** button for two seconds. One of the following two scenarios will occur:

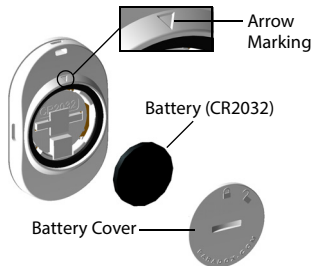
- The LED illuminates for three seconds. This indicates that the battery is charged and does not need to be replaced.
- The LED emits seven slow flashes. This indicates that the battery strength is low and the battery should be replaced. Refer to *Replacing the Battery* for details.

NOTE: Ensure that the battery is properly installed when testing its strength. A “Low Battery Signal” is sent to the control panel when battery is below 2.3Vdc. Upon power-up, a “Low Battery Restore Signal” is sent to the control panel when the battery voltage level has reached 2.3Vdc or higher.

Replacing the Battery

Replace the battery as follows:

1. Using a suitably-sized straight edge (e.g., screwdriver), turn the battery cover in the counterclockwise direction, until the *unlocked* marking on the cover (🔓) is aligned with the *arrow* marking (➤) on the remote’s rear casing.
2. Pry the battery from its cover and replace with the same or equivalent type (3V CR2032). Make sure to observe the correct polarity when replacing the battery.
3. Secure the battery cover in place by turning it in the clockwise direction, until the *locked* marking on the cover (🔒) is aligned with the *arrow* marking (➤) on the remote’s rear casing.



WARNING: When replacing the battery, use only the same or equivalent type of battery recommended by the manufacturer. Danger of explosion exists if the wrong lithium battery is used, or if it's replaced incorrectly. In addition, recycle or dispose of used batteries in accordance with the manufacturer's instructions.

LED Feedback

When pressing the action button:

The LED emits rapid, action-confirming flashes during a four-second period, regardless of whether the REM101 is programmed to arm your system, or activate a PGM or panic alarm.

When pressing the Test button:

- The LED illuminates for three seconds when the battery is charged.
- The LED emits seven slow flashes when the battery strength is low. Refer to *Replacing the Battery* for instructions on how to replace the battery.

Programming the REM101

To modify the action button, enter the control panel's respective remote control sections, and then access the fourth programming category (case 4). For programming details, as well as instructions on how to assign a REM101 to your security system, refer to the control panel's respective programming guide.

NOTE: The programming sequence for the REM101 is the same for MG/SP, EVO, and MG6250.

Warranty

Patents: One or more of the following US patents may apply: 7046142, 6215399, 6111256, 6104319, 5920259, 5886632, 5721542, 5287111, and RE39406. Other pending patents, as well as Canadian and international patents may also apply.

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