

REM3

Hand-Held 2-Way Remote Keypad
V1.0
Instructions



Introduction

The REM3 combines the flexibility of a keypad with the convenience and mobility of a remote control. Its 15 buttons allow for a greater level of interaction with the system than regular remote controls, and the two-way transceiver allows for accurate feedback for up to 2 partitions.

| Technical Specifications | |
|--|---|
| RF frequency | 433MHz or 868MHz |
| Battery type | One 3V lithium battery (2032) |
| Battery life | Battery life expectancy is a minimum of 1 year. "Low Battery Signal" is sent to the control panel when battery is below 2.2Vdc. Upon power-up, a "Low Battery Restore Signal" is sent to the control panel when the battery voltage level has reached 2.7Vdc or higher. |
| Range (typical in a residential environment) | 45m (150ft) |
| Compatibility | MG5000 / MG5050 V3.0 and higher / Spectra SP Series V3.0 and higher in conjunction with a RTX3 V1.31 and higher. IMPORTANT: The REM3 is not compatible with the RPT1 and will not benefit from the additional range. |
| Dimensions | 8cm x 3.4cm x 1.5cm (3.1in x 1.3in x 0.6in) |
| Standards | EN 50131-3 Grade 2 Class II |

Assigning the REM3 to the Panel

| Step | Action on Keypad | Details |
|------|--------------------------|---|
| 1 | [⏏] + [MASTER CODE] | The [⏏] key will flash. LED/key on = programmed user. [PARTITION MASTER CODE] may also be used. |
| 2 | [USER NUMBER] | 2 digits: 01 to 32 |
| 3 | [CODE] | Enter 4- or 6-digit code |
| 4 | [CONFIRM CODE] | Re-enter 4- or 6-digit code |
| 5 | [LEARN REMOTE] | Press and hold the Information key ([i]) on the designated remote. Important: For partitioned systems, go to step 6. For non-partitioned systems, go to step 2 to add another remote or press [CLEAR] to exit. |
| 6 | [1] and/or [2] + [ENTER] | Assign the user to one or both partitions, then press [ENTER]. Go to step 2 or press [CLEAR] to exit. |

One-touch Arm Keys

The REM3 offers the use of one-touch arm keys. The use of one-touch arm keys must be enabled in section [703], options [1] to [3] in the panel.

| [703] | Arming/Disarming Options 1 | OFF | ON |
|-------|----------------------------|-----------------------------------|----------------------------------|
| [1] | One-touch regular arming | <input type="checkbox"/> Disabled | <input type="checkbox"/> Enabled |
| [2] | One-touch stay arming | <input type="checkbox"/> Disabled | <input type="checkbox"/> Enabled |
| [3] | One-touch sleep arming | <input type="checkbox"/> Disabled | <input type="checkbox"/> Enabled |

PGM Key Assignment

The REM3 provides six PGM keys. See sections [610] to [642] in the panel to define the six PGM keys and two combo keys:

| | PGM1 [9] | PGM2 [0] | PGM3 [X] | PGM4 [✓] | PGM5 [●] | PGM6 [●] | PGM [X] + [✓] | PGM [●] + [●] |
|-----------------|----------|----------|----------|----------|----------|----------|---------------|---------------|
| Default: | [B] | [C] | [D] | [E] | [5] | [6] | [SLEEP] | [SLEEP] |
| [610] | ALL RCS | ___ | ___ | ___ | ___ | ___ | ___ | ___ |
| [611] | RC#1 | ___ | ___ | ___ | ___ | ___ | ___ | ___ |
| [642] | RC#32 | ___ | ___ | ___ | ___ | ___ | ___ | ___ |

IMPORTANT: When section [610] is accessed, the panel will copy the saved value of that section to all remotes.

PGM Key Definitions Table

| | |
|--|--|
| [SLEEP] - Empty / Button disabled | [8] - Panic 1 |
| [1] - Regular / Regular Force arming | [9] - Panic 2 |
| [2] - Stay / Stay Force arming | [A] - Panic 3 |
| [3] - N/A | [B] - PGM Activation (Event Group #8) |
| [4] - Sleep / Sleep Force arming | [C] - PGM Activation (Event Group #9) |
| [5] - PGM Activation (Event Group #22) | [D] - PGM Activation (Event Group #10) |
| [6] - PGM Activation (Event Group #23) | [E] - PGM Activation (Event Group #11) |
| [7] - N/A | [F] - Paramedic alarm |

One-Touch Programming

Program the REM3 to enable one-touch mode to disarm your system and/or trigger PGMs. By default, the REM3 is set to require code entry. Section [360] is used to configure all odd and even-numbered REM3s, while sections [361] to [376] are used to configure REM3s by pairs.

| | | | |
|-------|-----------------------------|------------------|----------------|
| [360] | Odd-Numbered REM3s | | |
| | [1] PGM activate/deactivate | OFF = Code entry | ON = One-touch |
| | [2] Disarm | OFF = Code entry | ON = One-touch |
| | [3] & [4] | N/A | N/A |
| | Even-Numbered REM3s | | |
| | [5] PGM activate/deactivate | OFF = Code entry | ON = One-touch |
| | [6] Disarm | OFF = Code entry | ON = One-touch |
| [361] | REM3 #1 | | |
| | [1] PGM activate/deactivate | OFF = Code entry | ON = One-touch |
| | [2] Disarm | OFF = Code entry | ON = One-touch |
| | [3] & [4] | N/A | N/A |
| | REM3 #2 | | |
| | [5] PGM activate/deactivate | OFF = Code entry | ON = One-touch |
| | [6] Disarm | OFF = Code entry | ON = One-touch |
| [376] | REM3 #31 | | |
| | [1] PGM activate/deactivate | OFF = Code entry | ON = One-touch |
| | [2] Disarm | OFF = Code entry | ON = One-touch |
| | [3] & [4] | N/A | N/A |
| | REM3 #32 | | |
| | [5] PGM activate/deactivate | OFF = Code entry | ON = One-touch |
| | [6] Disarm | OFF = Code entry | ON = One-touch |

See reverse for REM3 Diagnostic Mode instructions.

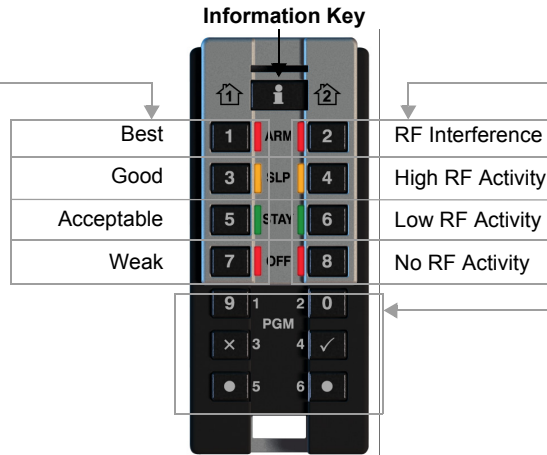
Diagnostic Mode

To access the signal strength and RF activity displays (LED indicators): press and hold the Information key to unlock, then press and hold the following three keys simultaneously: Information key ([i]), PGM key 1, and PGM key 2.

IMPORTANT: Repeated use of diagnostic mode will drain the battery.

Signal Strength Display

Press [i] in diagnostic mode to activate the signal strength display. This shows the quality of the signal received by the control panel or RTX3. It also allows the evaluation of a site before the installation of any wireless transmitter. For example, place the REM3 where you intend to install a wireless door contact to see the quality of the signal strength.



RF Activity

This shows the amount of RF activity found on the same frequency as the REM3. If the four LEDs stay lit up, RF interference has been detected. This can be used to confirm the presence of RF interference before installation.

PGM Keys

Warranty

For complete warranty information on this product please refer to the Limited Warranty Statement found on the website www.paradox.com/terms. Your use of the Paradox product signifies your acceptance of all warranty terms and conditions.

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