

REM3

Hand-Held 2-Way Remote Keypad

V1.0

Instructions



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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
Range (typical in a residential environment)	45m (150ft)
Compatibility	MG5000 / MG5050 V2.60 and higher / Spectra SP Series V2.60 and higher in conjunction with a MG-RTX3 V1.31 and higher. IMPORTANT: The REM3 is not compatible with the MG-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)

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]	MG10LEDV/H / K636 = 1 digit: 1 to 0 (10) MG32I / MG32LRF / MG32LED / MG32LCD = 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.

See the MGSP User Guide for additional information.

Action Key Assignment

The REM3 provides multiple programmable action keys (refer to "Action / Combo Keys" on page 2). See sections [610] to [642] in the panel to define the six action keys and two combo keys:

	RC#	PGM1 [9]	PGM2 [0]	PGM3 [X]	PGM4 [✓]	PGM5 [●]	PGM6 [●]	PGM [X] + [✓]	PGM [●] + [●]
Default:		[B]	[C]	[D]	[E]	[5]	[6]	[SLEEP]	[SLEEP]
[610]	ALL	___	___	___	___	___	___	___	___
IMPORTANT: When section [610] is accessed, the panel will copy the saved value of that section to all remotes.									
[611]	1	___	___	___	___	___	___	___	___
↓	↓	___	___	___	___	___	___	___	___
[642]	32	___	___	___	___	___	___	___	___

Action 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

Code Entry for Action Keys

The six action keys (PGM1 to PGM6) can be programmed to require a code entry for use. See programming sections [360] to [376], options [1] and [5], in the panel to determine if action keys 1 to 6 require code entry.

		OFF	ON
[360]	[1] All odd-numbered REM3s	<input type="checkbox"/> = Code entry	<input type="checkbox"/> = One-touch action
	[5] All even-numbered REM3s	<input type="checkbox"/> = Code entry	<input type="checkbox"/> = One-touch action
[361]	[1] RC#1	<input type="checkbox"/> = Code entry	<input type="checkbox"/> = One-touch action
↓	[5] RC#2	<input type="checkbox"/> = Code entry	<input type="checkbox"/> = One-touch action
[376]	[1] RC#31	<input type="checkbox"/> = Code entry	<input type="checkbox"/> = One-touch action
	[5] RC#32	<input type="checkbox"/> = Code entry	<input type="checkbox"/> = One-touch action

One-touch Action Keys

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

[703]	Arming/Disarming Options 1	OFF	ON
	Option		
	[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

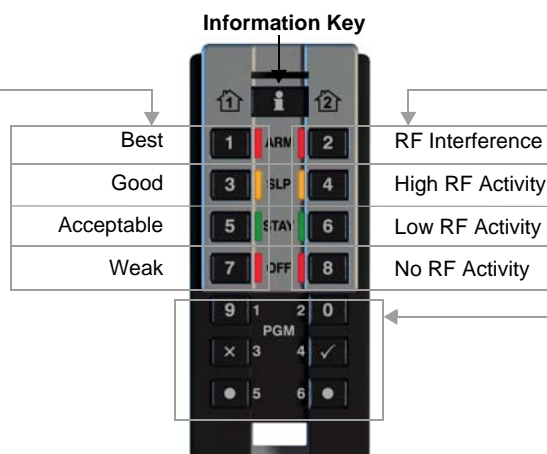
Diagnostic Mode

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]), action key 1, and action key 2 (refer to "Action / Combo Keys" on page 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 MG-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

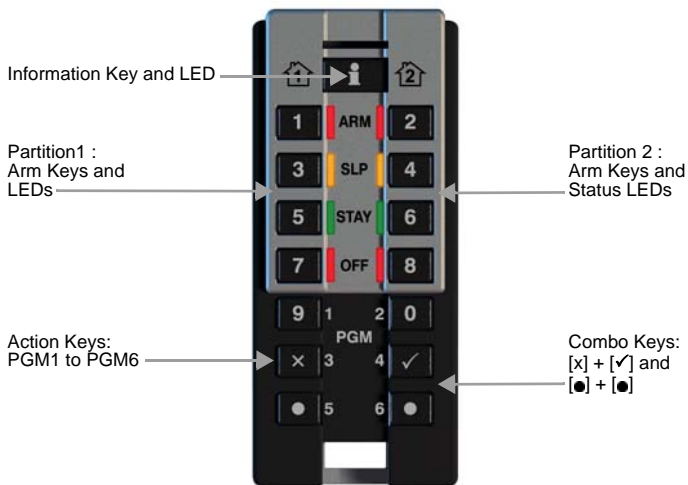
This shows the amount of RF activity found on the same frequency as the REM3. If the four LEDs stay lit up, RF interference has been detected. This can be used to confirm the presence of RF interference before installation.

Action Keys

Refer to "Action / Combo Keys" on page 2.

User Instructions

Overview



1: Information Key and LED

Information Key:

Press and hold to unlock the remote. The remote will beep once and the Arm LEDs will display the system status. It will lock again after 5 seconds of inactivity.



LED feedback	Details
Yellow	REM3 unlocked
Green	Waiting for code entry
Yellow flash	Transmitting
Fast red flash with alarm beep	Alarm in the system. Partition's Arm LED will also flash
Fast red flash with fail beep	Communication with panel failure
Slow red blink	Low battery indicator

2: Arm Keys and LEDs

Press an arm key to change the status of a partition. When the Information key is held (see above for more information), these LEDs will display the status of the system.



Key Pressed	Result	LED Feedback
[ARM] (red)	Full arm	ON = Partition armed
[SLP] (yellow)	Sleep arm	OFF = Partition disarmed
[STAY] (green)	Stay arm	FLASH = Exit delay
[OFF] (red*)	Disarm or trigger an exit delay in StayD	FAST FLASH = Exit delay (final 10 sec.) FAST FLASH + [i] = Partition in alarm

* Some models feature a yellow LED instead of a red one.

3: Action / Combo Keys

Action key 1 to 6: These keys can be used to trigger an action defined by the user. Press and hold the Information key to unlock the remote, then press and hold the desired action key to trigger the programmed actions, such as toggling a PGM. Depending on the settings in sections [360] to [376], you may need to enter a user code after you press the action key(s). Refer to the control panel's programming guide for details.



Combo Keys: Action keys 3 and 4 and keys 5 and 6 can be pressed both at the same time to trigger an action without unlocking the remote or entering a user code (commonly used as Panic keys). These combo keys must be defined by the installer as they are empty by default.

Using the Remote

1. Press and hold the Information key to unlock the remote.
2. Press and hold the [ARM], [SLP], [STAY] or [OFF] key until the beep*.
3. Enter your code on the remote.

* Press and hold both keys simultaneously on both partitions to change their status with one code entry.

Table 1: Auditory Feedback:

Status	Feedback
System Arming	Confirmation beep
Exit or Exit Delay	Confirmation beep
Alarm	Alarm Beep with fast red flash of Information LED
Disarming	Two beeps
Remote Unlock	One beep
Entering or Exiting Diagnostic Mode	Confirmation beep
Failure to communicate with panel	Fail beep with fast red flash of Information LED

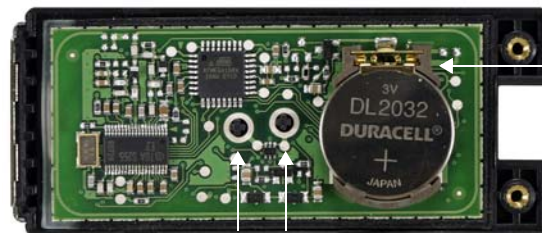
One Touch Action Keys

If enabled (after the remote is unlocked), hold the [ARM], [SLP], [STAY] or [OFF] key until the second beep to change the status of the system without entering your user code.

This can only be done to change between Sleep and Stay arming or to fully arm the system. You always need to enter your user code to disarm the system or go from full arm to sleep or stay arm.

How to Replace the Battery

1. Remove the screws from the back of the remote control. Carefully remove the back cover to avoid losing the two rubber cylindrical buffers.
2. Pull the tab to remove the battery.
3. Insert the new battery by placing it in the battery holder. Make sure the positive side of the battery is inserted face up.
4. Set the back cover in place, and fasten it with the screws.



Rubber cylindrical buffers

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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