



Overview

Figure 1: Front and rear views of the GS250.

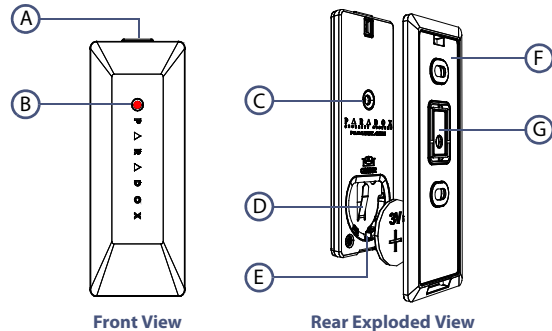


Table 1: The components of the GS250

Item	Name
A	Release clip
B	Status LED (movement, tamper, sensitivity programming)
C	Anti-tamper switch
D	Battery compartment
E	Battery pry slot
F	Mounting bracket
G	Anti-tamper pin

Installation

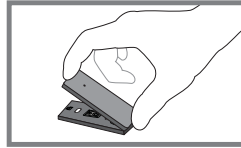
Screw Mounting

1. Press the release clip and remove the mounting bracket from the unit.
2. Using the three mounting screws (provided), attach the mounting plate to the protected object.
3. Ensure that the battery is properly installed and clip the unit to the mounting plate.

Tape Mounting

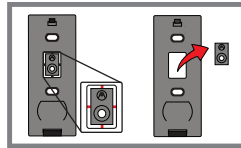
1. Press the release clip and remove the mounting bracket from the unit (see fig. 2).

Figure 2: Removing the mounting bracket.



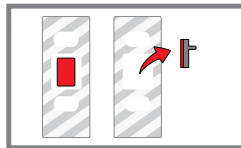
2. On the mounting bracket, break the four knock-outs and remove anti-tamper pin. Remove excess plastic (see fig. 3).

Figure 3: Removing the anti-tamper pin.



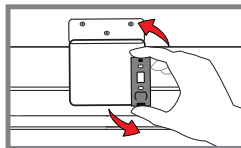
3. On the mounting tape, remove only the backing of the small center rectangle. Stick the anti-tamper pin to the small rectangle of mounting tape, and pull to separate it from the remaining mounting tape.

Figure 4: Affixing the anti-tamper pin.



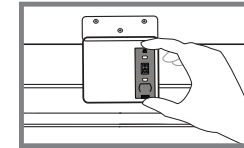
4. Position the mounting bracket on the protected object and stick the anti-tamper on the object. Ensure the correct orientation of the anti-tamper pin (see fig. 5).

Figure 5: Ensuring the correct orientation when positioning device.



5. Apply the remaining mounting tape to the mounting bracket and stick the bracket to the protected object.

Figure 6: Affixing mounting bracket to the object.



LED Feedback

Table 2: LED feedback on the GS250

LED	Flash Sequence	Description
Red	On for 3 seconds	Alarm in normal mode
Red	Fast flash	Alarm in power saving mode

Test Mode

To enter test mode, simply insert the battery. If the battery is already inserted, use a pen to press and release the anti-tamper switch. The LED flashes red eight times quickly, signalling that the unit has entered test mode. The LED's flash sequence is described in table 3.

Table 3: LED's flash sequence on the GS250

LED	Flash Sequence	Description
Red	3 x 8 fast flash	Power up
Amber	1 x flash per 5 seconds	In test mode
Green	1 fast flash	Movement detected
Red	8 x fast flash	Tamper open
Red	8 x fast flash	Tamper closed
Red	8 x fast flash	Zone closed
Red	3 seconds On	Enough movement has occurred to trigger an alarm

NOTE: The unit will exit test mode after 15 minutes, or after it has been inactive for a period of five minutes.

Power Saving Mode

If two consecutive alarms occur within a five-minute period, the unit goes into power saving mode for a period of three minutes. If a movement is detected while in power saving mode, the LED emits one red flash. No detection signals are transmitted to the panel.

Sensitivity Settings

The GS250 sensitivity can be adjusted between high-security and standard-security levels. High-security level requires less movement before an alarm is triggered.

To enter sensitivity programming mode:

1. Use a pen to press and hold the anti-tamper.
2. Insert the battery.
3. Release the anti-tamper. The unit enters sensitivity programming mode. The LED flashes, displaying the unit's current sensitivity (see table 4).
4. Within one second, press the anti-tamper switch again to begin cycling through the sensitivity settings outlined in table 4.

Table 4: Sensitivity settings on the GS250

LED	Flash Sequence	Description
Red	1 flash per 2 seconds	Standard security
Red	2 flashes per 2 seconds	High security
Green	1 flash per 2 seconds	Standard security / grace period
Green	2 flashes per 2 seconds	High security / grace period

NOTE: The *grace period* is the period of time (maximum of three seconds) that the protected object can be moved, without triggering an alarm.

Technical Specifications

Table 5: Technical Specifications of the GS250

Compatibility	<p>Control Panels: Magellan All-in-One Wireless Consoles (MG6250, MG6130, MG6160, MG-6030, and MG-6060) MG Series control panels (MG5050 and MG5000) SP Series control panels (SP4000, SP5500, SP6000, and SP7000)</p> <p>Wireless Expansion Modules: Magellan Wireless Expansion Module (RTX3) Wireless Receiver (RX1)</p>
Battery	One 3V lithium battery CR2032 / DL2032 (included) Battery life expectancy is a minimum of two years
Electrical Rating	3V; 6 mA
Range (typical in a residential environment)	<ul style="list-style-type: none"> • 20 m (65 ft.) with the MG6250, MG6130, MG6160, MG-6030, MG-6060, and RX1 • 40 m (130 ft.) with the MG5000, MG5050, and RTX3
RF Frequency	433 MHz or 868 MHz (transceiver)
Operating Temperature	0°C to 50°C (32°F to 122°F)
Dimensions	7.5 x 2.7 x 0.64 cm (3 x 1.1 x 0.25 in.)

For technical support in Canada or the U.S., call 1-800-791-1919, Monday to Friday from 8:00 a.m. to 8:00 p.m. EST.
For technical support outside Canada and the U.S., call 00-1-450-491-7444, Monday to Friday from 8:00 a.m. to 8:00 p.m. EST.
Please feel free to visit our Web site at www.paradox.com

Patents: One or more of the following US patents may apply: 7046142, 6215399, 6111256, 6104319, 5920259, 5886632, 5721542, 5287111, 5119069, 5077549 and RE39406 and other pending patents may apply. Canadian and international patents may also apply.

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