

Wireless Motion Detectors

Features Common to All Magellan Wireless Motion Detectors

- Patented Auto Pulse Signal Processing
- Automatic Temperature Compensation
- Alive software (alarm LED continues to display when PIR is in *Energy Save Mode*, without compromising battery life)
- 3-minute *Energy Save Mode* following 2 detections within a 5-minute period
- Available in 433 or 868 MHz
- Low Battery and Detect LED
- Anti-tamper switch

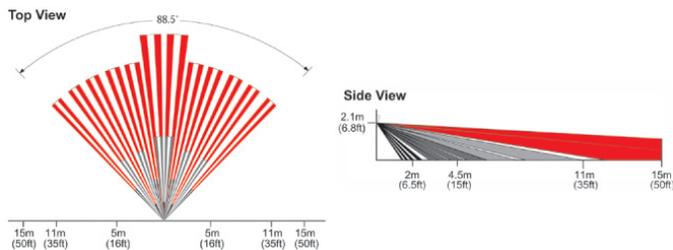
Gsense | Multi-axis Movement Detector

- Multi-axis accelerometer
- Ultra-thin, low-visibility design
- Dual tamper detection for removal or opening of the device
- Adjustable sensitivity:
 - Normal: 1 to 3-second movement
 - Low: 5 to 8-second movement
- Status LED (movement, tamper, enrolling to system)
- Low battery and RF supervision
- *Energy Save Mode* (conserves battery life)
- Attaches to protected item via double-sided tape or screws
- Range: approximately 100 m (328 ft.) in line of sight
- Dimensions: 7.5 x 2.7 x 0.64 cm (3.0 x 1.1 x 0.25 in.)



PMD1P | Analog Single-optic PIR (18 kg/40 lb. Pet Immunity)

- Dual-element sensor
- Immune to animals weighing up to 18 kg (40 lb.)
- 11 x 11 m (35 x 35 ft.) and up to 15 m (50 ft.) for center beams, with 88.5° viewing angle
- Wireless range in a typical residential environment: 35 m (115 ft.) with MG6130/MG6160/MG6250, and 70 m (230 ft.) with MG5000/MG5050 and RTX3
- Power: 3 AA alkaline batteries
- When a higher level of immunity is required, such as when animals are constantly in the detection area, consider using PMD75
- See *Features Common to All Magellan Wireless Motion Detectors*

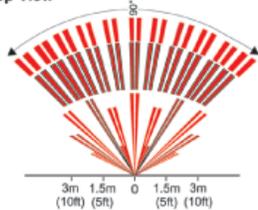


PMD75 | Digital Dual-optic High-performance PIR (40kg/90lb True Pet Immunity)

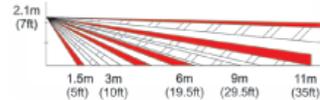
- Digital Motion Detection
- Dual-optics (2 dual-opposed element sensors)
- Immune to animals weighing up to 40 kg (90 lb.)
- Digital Dual-opposed Detection
- Digital Shield algorithm software, with adjustable sensitivity
- Single or dual-edge processing
- 11 x 11 m (35 x 35 ft.), with 90° viewing angle
- Wireless range in a typical residential environment: 35 m (115 ft.) with MG6130/ MG6160/MG6250, and 70 m (230 ft.) with MG5000/MG5050 and RTX3
- Power: 3 AAA alkaline batteries
- See *Features Common to All Magellan Wireless Motion Detectors* on page 35



Top View



Side View



PMD85 | Outdoor Digital Dual-optic High-performance PIR

Same features as PMD75, along with the following:

- Special weatherproof design
- Available with 1 of 3 lenses: Pet Array, Horizontal Curtain Beam, or Vertical Curtain Beam; see *PMD85 / DG85 Lenses* on page 47 for more details
- Impact and temperature resistant casing
- Operates at -35°C to +50°C (-31°F to +122°F)
- Casing lined with an injected rubber gasket
- Dual-optical Filtering System, with UV-protected lens
- Metal shield maximizes protection from EMI and RFI signals
- Multi-level sensitivity adjustment



Wireless Siren

SR150 | Wireless Siren with Built-in Strobe

- Built-in transceiver (433 or 868 MHz)
- 100 db wireless siren, with integrated strobe light
- Weather-resistant design, using a PC/ABS enclosure with UV protection and a silicone-coated PCB (-20°C to 50°C / -4°F to 122°F)
- Battery powered only – no need for AC power
- Fast alarm-response time (4 seconds)
- 8-hour alarm display (strobe flashes every 4 seconds after bell cut-off)
- Siren presence supervised by control panel
- Panel presence supervised by siren (activates siren and strobe for 5 minutes if communication is lost)
- Triple tamper protection: wall, screw, and cover removal
- Assign up to 4 sirens per control panel
- In-field firmware upgradable via 307USB
- *Siren Test Mode*
- 4-LED signal strength and status display
- Strobe lens available in 4 colors: red, blue, amber, or clear
- Fully powered using three 1.5 Vdc, type D alkaline batteries (included); not required, but unit can also be powered using 8-16 Vac / 9-20 Vdc power supply
- Dimensions: 24 x 6 x 18 cm (9.5 x 2.3 x 7 in.)
- Compatible with MG5000, MG5050, MG6130, MG6160, and MG6250; also compatible with SP5500, SP6000, and SP7000, when using an RTX3



Wireless Door Contacts

DCT10 | 2-Zone Long-range Door Contact

- 2-zone capabilities, where each zone is independent and has its own serial number:
 - Zone 1: Use 1 of 2 high-sensitivity reed switches (magnet included); N.O./N.C.
 - Zone 2: universal transmitter input (N.O./N.C.)
- Wireless range in a typical residential environment:
 - 35 m (115 ft.) with MG6130/MG6160/MG6250
 - 70 m (230 ft.) with MG5000/MG5050 and RTX3
- Low battery and signal transmission LED
- Power: 4.5 Vdc (3 AAA alkaline batteries)
- Available in 433 or 868 MHz
- Anti-tamper switch
- Dimensions: 12.4 x 4.5 x 3.3 cm (4.9 x 1.8 x 1.3 in.)



DCTXP2 | 2-Zone Wireless Door Contact

- 2-zone capabilities – each zone is independent and has its own serial number:
 - Zone 1: 1 high-sensitivity reed switch (magnet included)
 - Zone 2: universal transmitter input (N.O./N.C.)
- Wireless range in a typical residential environment:
 - 30 m (100 ft.) with MG6130/MG6160/MG6250
 - 60 m (200 ft.) with MG5000/MG5050 and RTX3
- Low battery and signal transmission LED
- Power: 3.0 Vdc (2 AAA alkaline batteries)
- Available in 433 or 868 MHz
- Anti-tamper switch
- Dimensions: 11.2 x 3.2 x 2.5 cm (4.4 x 1.3 x 1 in.)
- Available in 2 colors: white or brown



DCT2 | Ultra-small Door Contact

- 1 high-sensitivity reed switch (magnet included)
- Wireless range in a typical residential environment:
 - 20 m (65 ft.) with MG6130/MG6160/MG6250
 - 40 m (130 ft.) with MG5000/MG5050 and RTX3
- Power: one 3V lithium battery (DL2450)
- Available in 433 or 868 MHz
- Anti-tamper switch
- Dimensions: 4.4 x 3.0 x 1.9 cm (1.7 x 1.2 x 0.75 in.)

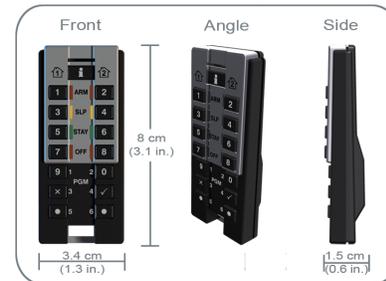


Remote Controls

REM3 | Hand-held Two-way Remote Keypad

- 2 user modes:
 - *Keypad Mode*: requires code entry
 - *Remote Mode*: one-touch arm and disarm
- Supports StayD
- Configure which partitions the REM3 arms and disarms
- Built-in transceiver (433 or 868 MHz)
- Provides visual and auditory feedback of actions performed
- Press the Status button at any time to receive the system status
- Displays Arm, Sleep, Stay, or Off status of partitions 1 and 2
- Diagnostic Display: place REM3 at location of desired transmitter:
 - Partition 1 LEDs display signal strength
 - Partition 2 LEDs display noise floor level
- Use keys to toggle up to 6 PGMs or generate a panic
- Includes label identification slot
- Compact, water-resistant design
- Dimensions: 8 x 3.4 x 1.5 cm (3.1 x 1.3 x 0.6 in.)
- Compatible with EVO, MG5000, MG5050, MG6250, and Spectra SP* (when using RTX3); also compatible with K32LX and K641LX

* Only one-way communication available with SP4000



REM2 and RAC2 Remote Controls

REM2: Magellan Two-way Remote Control with Backlit Buttons

- Supports StayD (Version 2.0 or higher)
- Built-in transceiver (433 or 868 MHz)
- Displays system status using visual (LED) and auditory feedback
- Press the Status button at any time to receive the system status
- Perform up to 6 different actions per remote control
- Compact, water-resistant design, with backlight for buttons
- Includes label identification slot
- Wireless range in a typical residential environment:
 - 30 m (100 ft.) with MG6130/MG6160/MG6250
 - 45 m (150 ft.) with MG5000/MG5050, RTX3, K32LX, and K641LX

RAC2: Magellan Two-way Remote Control with Integrated Access Card

Same features as the REM2, along with the following:

- Built-in access card – simply present remote control to a reader
- For compatibility, please visit our home page at www.paradox.com



REM15 | Magellan Remote Control with Backlit Buttons

- Weather resistant
- Slim, ergonomic design, with 4 backlit buttons
- Perform up to 5 different actions
- Wireless range in a typical residential environment:
 - 30 m (100 ft.) with MG6130/MG6160/MG6250 and RX1
 - 45 m (150 ft.) with MG5000/MG5050, K32LX, and K641LX
 - 60 m (200 ft.) with RTX3, MG-RCV3, OMN-RCV3, 1759EX, 1759MG, Available in 433 or 868 MHz
- Easily replaceable battery



REM101 | Emergency/Panic Remote Control

- Weather resistant
- Panic function allows user to instantly send panic signal to monitoring station
- Manually-activated battery test function
- Visual indicator (LED) for arming actions and battery testing
- Includes lanyard attachment to facilitate portability; optional wrist strap, belt clip, and wall-mount also available
- Includes easily-replaceable CR2032 battery, with a battery life of 3 years
- Available in 2 colors: black and white
- Wireless range in a typical residential environment:
 - 30 m (100 ft.) with MG6130/MG6160/MG6250 and RX1
 - 45 m (150 ft.) with MG5000/MG5050, K32LX, and K641LX
 - 60 m (200 ft.) with RTX3
- Available in 433 or 868 MHz



REM1 and RAC1 Remote Controls

REM1: Magellan Remote Control with Backlit Buttons

- Stylish, clear blue plastic, with backlight for buttons
- Perform up to 5 different actions
- Includes label identification slot
- Wireless range in a typical residential environment:
 - 30 m (100 ft.) with MG6130/MG6160/MG6250 and RX1
 - 45 m (150 ft.) with MG5000/MG5050, K32LX, and K641LX
 - 60 m (200 ft.) with RTX3, OMN-RCV3
- Available in 433 or 868 MHz



RAC1: Magellan Remote Control with Integrated Access Card

Same features as the REM1, along with the following:

- Built-in access card – simply present remote control to a reader
- For compatibility, please visit our home page at www.paradox.com

Zone and PGM Expansion Modules

RTX3 Wireless Expansion Module		See page 6 for full description
ZX8 8-Zone Expansion Module		See page 20 for full description
ZX8SP 8-Zone Expansion Module		See page 28 for full description
PGM4 4-Output Expansion Module		See page 22 for full description