

## Wireless Keypad



MG32WK

Industry-First  
Real-Time  
Wireless  
Keypad

## Remote Controls



MG-REM2



MG-REM1

## Wireless Accessories



MG-RPT1



MG-2WPGM



SD738  
\*Manufactured  
by EVERday

## All-In-One Wireless Consoles



MG6130



MG6160

## Wireless Motion Detectors



MG-PMD85



MG-PMD75



MG-PMD1P

## Wireless Door Contacts



MG-DCT2



MG-DCTXP2



MG-DCT10

## All-in-One Wireless Consoles

Magellan is the first security system to combine security with popular consumer features and a stylish design. The Magellan line of all-in-one security systems and transmitters provide completely wireless security for any residential or small commercial installation. Magellan also features support for two-way wireless transmitters that allow users, for instance, to confirm the status of their systems through a remote control.

Magellan's 32-zone systems are quick and convenient to install and with their friendly menu-driven programming require practically no training whatsoever. And with their in-field firmware upgrade capability, you can conveniently update an installed system, on-site, within minutes.

The Magellan all-in-one security systems combine security with unique consumer features, such as an FM radio, high quality sound, a family message center, a hands-free speakerphone, an alarm and a designer look you may never have associated with security. With Magellan, you have security and so much more.

Security Features	MG6130	MG6160
• Built-in Transceiver	✓	✓
• Maximum Zones	32	32
• On-Board Hardwired Zones	2	2
• Users	16	16
• Remote Controls	16	16
• PGMs	4 (2 on-board)	4 (2 on-board)
• Events Buffered	256	256
• Wireless Keypads (MG32WK)	4	4
• Wireless Repeaters	2	2
• Voice and Utility Reporting	✓	✓
• Pager Reporting	✓	✓
• Two-way Voice Communication	-	✓
• In-field Firmware Upgrade	✓	✓
• Auxiliary Output	✓	✓
<b>Consumer Features</b>		
• FM Radio	-	✓
• Hands-free Speakerphone	-	✓
• High-quality Voice and Sound	✓	✓
• Family Message Center	✓	✓
• Alarm Clock	✓	✓
• Access System Menus by Telephone	✓	✓
• Home Automation (X10)	-	✓

**All-In-One Wireless Consoles**

**MG6130:**



**Magellan 32-Zone All-In-One Wireless Console**

- 32 wireless zones
- 13.8Vdc, 200mA auxiliary output
- Built-in transceiver (433MHz or 868MHz)
- Built-in 16-character LCD keypad with LED and voice prompt
- High-quality voice and sound
- Family message center, alarm clock and chime zones
- Voice, Utility and Pager reporting
- Access system menus remotely by telephone
- 57.6k baud communication with WinLoad
- Wall or desktop mounting
- 16 users and 16 remote controls
- 256 events buffered
- 2 on-board PGM outputs
- Built-in 90dB siren
- Includes 7.2V 1.2 Ah NiMH rechargeable battery pack (Paradox # 0780100172)
- Size: 21.8cm x 14.7cm x 3.6cm (8.6in x 5.8in x 1.4in)



**Magellan 32-Zone All-In-One Wireless Console**

Same features as the MG6130 plus:

- FM radio
- Hands-free speakerphone
- Two-way voice communication with monitoring station
- Home automation (X10)
- Two-tone metallic silver and blue plastic enclosure



**PA12:**



**13.8Vdc Power Adapter Plug**

- For the MG6130, MG6160 and MG-2WPGM
- Provides 13.8Vdc at 1A max
- Includes one of 5 different power outlets: ACPEU (Europe), ACPAUS (Australia), ACPCH (China), ACPUK (United Kingdom) and ACPUL (North America)
- 6-foot wire

**Wireless Keypad**

**MG32WK:**

**32-Zone Wireless LED Keypad**

- View zone and system status live in real time
- Built-in transceiver (433MHz or 868MHz)
- 32-zone LED display
- Arm, Stay and Ready status LEDs
- Low Battery, Message and FM status LEDs
- In-field firmware upgradeable via a 307USB and WinLoad
- Wireless range in a typical residential environment: 40m (130ft)
- 8 one-touch action buttons
- 3 keypad-activated panic alarms
- Adjustable backlight
- Includes 3.7Vdc Li-Ion rechargeable battery
- Requires 6Vdc power adaptor (PA6 not included)





**PA6:**

**6Vdc Power Adapter Plug**

- For the MG32LRF, MG32WK and MG32IRF
- Provides 6Vdc at 350mA max
- Includes one of 5 different power outlets: ACPEU (Europe), ACPAUS (Australia), ACPCH (China), ACPUK (United Kingdom) and ACPUL (North America)
- 6-foot wire

## Magellan Remote Controls



**MG-REM2:**



**Magellan 2-Way Remote Control with Backlit Buttons**

- Supports StayD (Version 2.0 or higher)
- Built-in transceiver (433MHz or 868MHz)
- 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
- **Label to identify remote control owner**
- Wireless range in a typical residential environment:
  - 30m (100ft) with MG6130 / MG6160
  - 45m (150ft) with MG5000 / MG5050 / MG-RTX3

**MG-RAC2:**



Available  
Q1 2008

**Magellan 2-Way Remote Control with Integrated Access Card**

Same features as the MG-REM2 plus:

- Built-in access card. Present remote control to a reader like an access card
- See supported readers on pages 35 and 36



**MG-REM1:**



**Magellan Remote Control with Backlit Buttons**

- Water resistant, stylish clear blue plastic with backlight for buttons
- Perform up to 5 different actions
- **Label to identify remote control owner**
- Wireless range in a typical residential environment:
  - 30m (100ft) with MG6130 / MG6160
  - 45m (150ft) with MG5000 / MG5050
  - 60m (200ft) with MG-RTX3
- Available in 433MHz or 868MHz

**MG-RAC1:**

**Magellan Remote Control with Integrated Access Card**

Same features as the MG-REM1 plus:

- Built-in access card. Present remote control to a reader like an access card
- See supported readers on pages 35 and 36

Magellan Wireless Motion Detectors

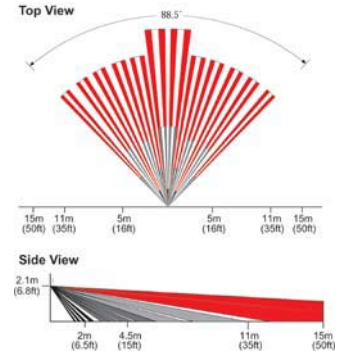
Features Common to All Magellan Wireless Motion Detectors

- 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 after two detections within a five-minute period
- Available in 433MHz or 868MHz
- Low battery and detect LED
- Anti-tamper switch



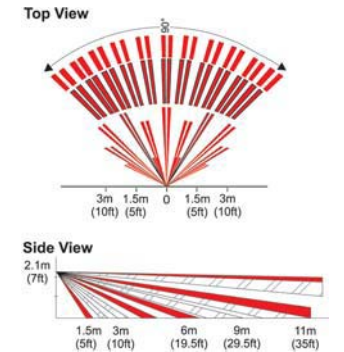
**MG-PMD1P: Analog Single-Optic PIR (18kg/40lb Pet Immunity)**

- Dual element sensor
- Immune to animals weighing up to 18kg (40lb)
- 11m x 11m (35ft x 35ft) and up to 15m (50ft) for center beams with 88.5° viewing angle
- Wireless range in a typical residential environment:  
35m (115ft) with MG6130 / MG6160  
70m (230ft) with MG5000 / MG5050 / MG-RTX3
- When a higher level of immunity is required, such as when animals are constantly in the detection area, consider using MG-PMD75
- See Features Common to All Magellan Wireless Motion Detectors on page 12



**MG-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 40kg (90lb)
- Digital Dual Opposed Detection
- Digital Shield algorithm with adjustable sensitivity
- Single or Dual Edge Processing
- 11m x 11m (35ft x 35ft) with 90° viewing angle
- Wireless range in a typical residential environment:  
35m (115ft) with MG6130 / MG6160  
70m (230ft) with MG5000 / MG5050 / MG-RTX3
- See Features Common to All Magellan Wireless Motion Detectors on page 12



**MG-PMD85: Outdoor Digital Dual-Optic High-Performance PIR**

Same features as MG-PMD75 plus a special weatherproof design:

- The MG-PMD85 series is available with one of three lenses: Pet Array, Horizontal Curtain Beam or Vertical Curtain Beam. See MG-PMD85 / DG85 Lenses on page 45 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
- UV protected lens
- Dual Optical Filtering System
- Metal shield maximizes protection from EMI and RFI signals
- Multi-level sensitivity adjustment

## Magellan Wireless Door Contacts



### MG-DCT10: 2-Zone Long-Range Door Contact

- 2-zone capabilities where each zone is independent and has its own serial number
- Zone 1 - One of two 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:
  - 35m (115ft) with MG6130 / MG6160
  - 70m (230ft) with MG5000 / MG5050 / MG-RTX3
- Low battery and signal transmission LED
- Available in 433MHz or 868MHz
- Anti-tamper switch
- Dimensions: 12.4cm x 4.5cm x 3.3cm (4.9in x 1.8in x 1.3in)



### MG-DCTXP2: 2-Zone Wireless Door Contact

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



### MG-DCT2: Ultra-Small Door Contact

- One high-sensitivity reed switch (magnet included)
- Wireless range in a typical residential environment:
  - 20m (65ft) with MG6130 / MG6160
  - 40m (130ft) with MG5000 / MG5050 / MG-RTX3
- Available in 433MHz or 868MHz
- Anti-tamper switch
- Dimensions: 4.4cm x 3.0cm x 1.9cm (1.7in x 1.2in x 0.75in)

## Magellan Wireless Accessories



### MG-2WPGM: Magellan 2-Way Wireless PGM

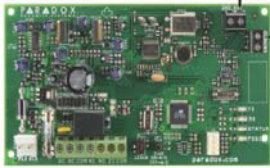
- Built-in transceiver (433MHz or 868MHz)
- Backup Alarm Reporting option (activates PGM output if communication between the Magellan console and the MG-2WPGM is lost)
- 1 programmable 5A relay output
- Deactivate PGM after event or timer
- Requires an AC or DC input voltage (6Vac to 16.5Vac or 5Vdc to 30Vdc)
- Can be powered by the PA12 (see page 10)
- Universal transmitter input (N.O./N.C.)
- Wireless range in a typical residential environment:
  - 35m (115ft) with MG6130 / MG6160
  - 70m (230ft) with MG5000 / MG5050 / MG-RTX3
- Anti-tamper switch
- Dimensions: 12.4cm x 4.5cm x 3.3cm (4.9in x 1.8in x 1.3in)



**MG-RPT1:**

**Magellan Wireless Repeater Module**

- Built-in transceiver (433MHz or 868MHz)
- Extends the range of wireless communications
- Supports all Magellan transmitters (including 2-way transmitters)
- Programmed in panel or console
- Select which zone, PGM and/or keypad signals are repeated
- Signal strength display
- RF jamming supervision
- Fully supervised by panel or console
- 1 programmable 5A relay output
- Universal transmitter input (N.O./N.C.)
- Wireless range in a typical residential environment:  
75m (240ft) with 433MHz  
50m (160ft) with 868MHz
- Compatible with MG5000, MG5050, MG6160 and MG6130
- Compatible with the Spectra SP Series when used with a MG-RTX3
- AC input (16Vac, 20VA)
- Fits in 20cm x 25.5cm x 7.6cm (8in x 10in x 3in) and 28cm x 28cm x 7.6cm (11in x 11in x 3in) metal boxes



**SD738:**

**EVERday Smoke Detector**

- One high-sensitivity photoelectric smoke sensor
- Built-in siren
- Wireless range in a typical residential environment:  
30m (100ft) with MG6130 / MG6160  
60m (200ft) with MG5000 / MG5050 / MG-RTX3
- Available in 433MHz or 868MHz
- Manufactured and available exclusively through **EVERday** Technology Co. Ltd. (Taiwan)



**Magellan System Accessories**

**307USB:**

**Direct Connect Interface**

- Includes 3 LED status indicators (PC, Panel and RX/TX)
- Incorporates a USB port and a serial port (DB-9)
- Enables control panel to communicate with a PC at 60m (200ft)
- Connect control panel's serial port connector to a PC's serial (DB-9) or USB port
- 57.6k baud communication (Magellan console), 38.4k baud communication (EVO) or 9.6k baud communication (E55, MG5000, MG5050 and Spectra SP series)



**UIP256:**

**Universal In-Field Programmer**

- Upgrade Magellan console and Grafica (V1.21 to 1.4) firmware locally in the field
- Includes proprietary PC software, cables to interconnect a Magellan console or a Grafica keypad and a PC, and two 9V batteries
- The supplied PC software retrieves the latest Magellan or Grafica update file (firmware) from our website and then updates the Magellan console or the Grafica keypad



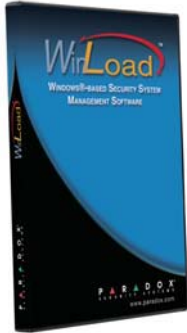
## PMC5:



### Hand-Held Plug-in USB Memory Key

- Includes USB connector to download or upload system programming to or from a PC with WinLoad
- Lock switch to prevent accidental loss of data
- LED status indication
- Download or upload control panel/console programming within seconds
- Connect directly to memory connector on the control panel/console
- No need for a telephone line, PC or any other peripheral device

## UDS2000:



### WinLoad Installer Upload/Download Software

- **Now supports TCP/IP connections through the IP100**
- User-friendly programming and monitoring of the Digiplex EVO, Magellan, Spectra SP Series and Esprit E55 control panels and modules
- Remote uploading and downloading using most standard modems at 300 baud
- On-site (local) uploading and downloading at 57.6k baud (Magellan console), 38.4k baud (EVO) or 9.6k baud (E55, MG5000, MG5050 and Spectra SP series) using a 307USB Direct Connect Interface (60m/200ft) or a CONV4USB Converter (300m/1000ft)
- New in-field firmware upgrading feature that allows WinLoad to upgrade the firmware of certain control panels/modules via a 307USB interface or a CONV4USB converter
- Multiple users, groups and databases
- Network-compatible database
- Advanced printing of reports and zone/user programming
- Supports 15 user-selectable languages

## Stand-Alone Magellan Accessories

## MG-RTX3:



### Wireless Expansion Module (Stand-Alone)

For specifications when used with control panels, refer to page 27 for Spectra SP Series or page 34 for Digiplex EVO. Stand-Alone operation as follows:

- 32 wireless zones and 8 remote controls (activates on-board PGMs)
- Functions with all Magellan wireless devices (see page 11 to 14) except MG-2WPGM, MG-REM2, REM3, MG-RPT1 and wireless keypads
- Can be used with a PX8 to activate hardwired outputs
- In-field firmware upgradeable via a 307USB and WinLoad
- 3 PGM output and 1 optional output
- Program with an Esprit 636 or 646 keypad
- Available in 433MHz or 868MHz

## PX8:



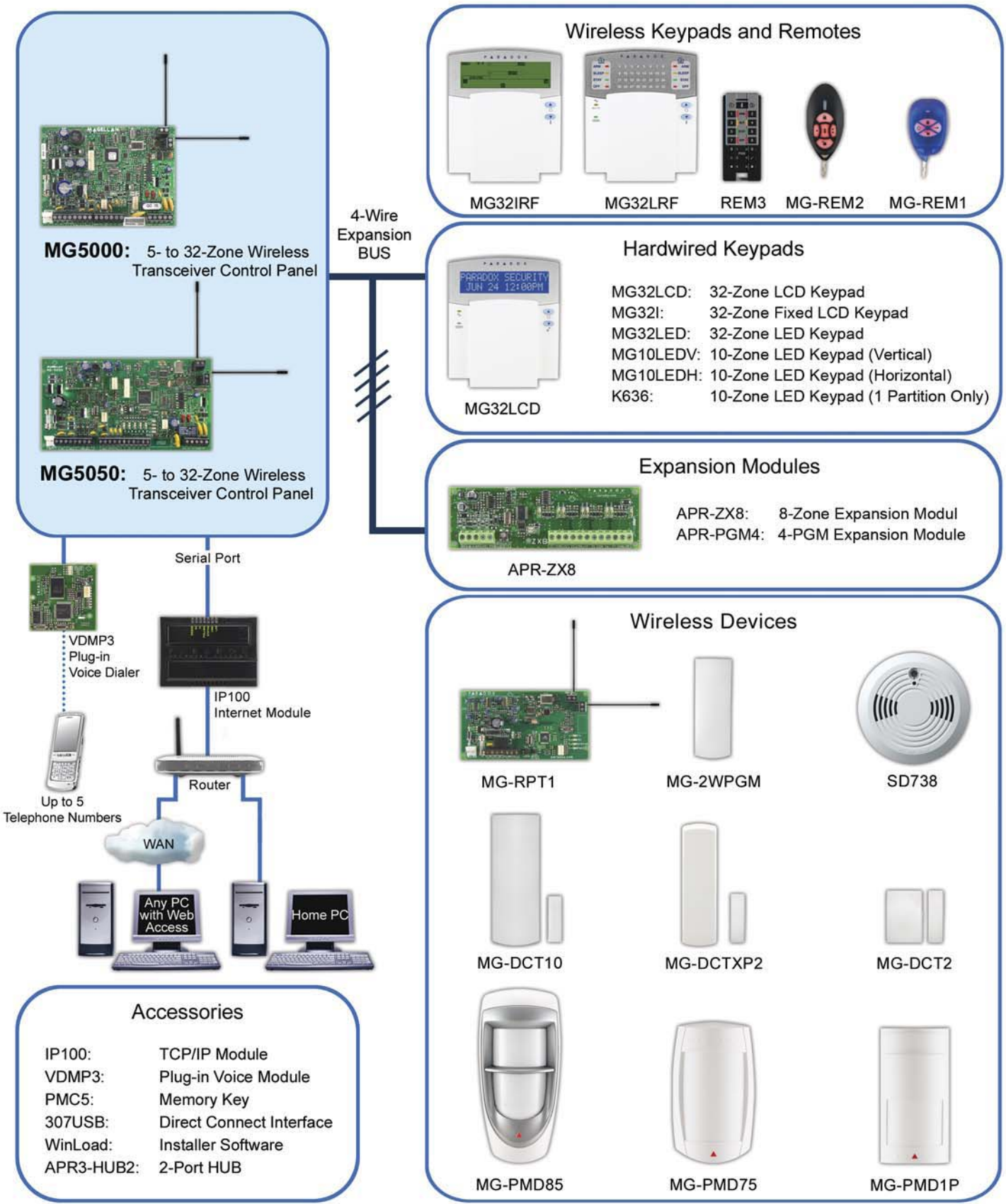
Available  
Q1 2008



### Output Module for Magellan Transceiver

- Connected to the MG-RTX3 in stand-alone mode, the PX8 communicates the status of up to 8 wireless events, such as zones opening or closing, through its 8 hardwired outputs
- You can also set an output to signal a zone tamper, supervision loss or low battery
- You can also set an output to activate upon pressing specific buttons on an MG-REM1 or MG-RAC1 remote control
- Connect up to four PX8 on a single MG-RTX3
- Outputs can follow events or have a delay of 1 to 999 seconds or minutes
- Use an MG-RTX3 on-board PGM to supervise the PX8
- In-field firmware upgradeable via a 307USB and WinLoad
- Program with an Esprit 636 or 646 keypad





**MG5000:** 5- to 32-Zone Wireless Transceiver Control Panel

**MG5050:** 5- to 32-Zone Wireless Transceiver Control Panel

### Wireless Keypads and Remotes



MG32IRF    MG32LRF    REM3    MG-REM2    MG-REM1

### Hardwired Keypads



MG32LCD

- MG32LCD: 32-Zone LCD Keypad
- MG32I: 32-Zone Fixed LCD Keypad
- MG32LED: 32-Zone LED Keypad
- MG10LEDV: 10-Zone LED Keypad (Vertical)
- MG10LEDH: 10-Zone LED Keypad (Horizontal)
- K636: 10-Zone LED Keypad (1 Partition Only)

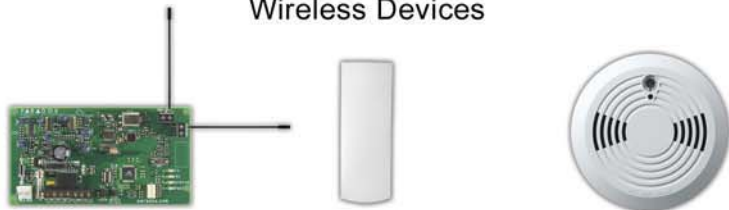
### Expansion Modules



APR-ZX8

- APR-ZX8: 8-Zone Expansion Modul
- APR-PGM4: 4-PGM Expansion Module

### Wireless Devices



MG-RPT1    MG-2WPGM    SD738



MG-DCT10    MG-DCTXP2    MG-DCT2



MG-PMD85    MG-PMD75    MG-PMD1P

### Accessories

- IP100: TCP/IP Module
- VDMP3: Plug-in Voice Module
- PMC5: Memory Key
- 307USB: Direct Connect Interface
- WinLoad: Installer Software
- APR3-HUB2: 2-Port HUB

## 32-Zone Wireless Transceiver Security Systems

The Magellan line of two-way wireless security systems provides you a combination of security, wireless convenience, easy installation and attractive customer features. Magellan is StayD-enabled, which provides a heightened level of security that ensures that the system is always armed, never disarmed. Also, the Magellan control panels can be expanded to provide you with more features, such as the new Plug-In Voice Module (VDMP3) and the TCP/IP Internet Module (IP100).

With their in-field firmware upgrade capability, Magellan control panels allow you to upgrade your system without hassle - quickly, easily and on site. And to further facilitate installation, every Magellan control panel can be configured using easy-to-follow menu-driven programming.

The features and benefits of the MG5000 and MG5050 make the Magellan line of wireless control panels ideal for any residential or small commercial installation requiring up to 32 zones of protection.

Security Features	MG5000	MG5050
• StayD	✓	✓
• Built-in Transceiver	✓	✓
• Maximum Zones*	32	32
• On-Board Hardwired Zones	2 (4 with ATZ)	5 (10 with ATZ)
• Expansion Zones (APR-ZX8)	24	24
• Keypad Zones	15	15
• Partitions	2	2
• Users	32	32
• Remote Controls	32	32
• PGMs	16* (2 on-board)	16* (4 on-board)
• Events Buffered	256	256
• Wireless Keypads (MG32LRF and MG32IRF)	8	8
• Wireless Repeaters	2	2
• Expansion Bus	✓	✓
• Internet TCP/IP Communication (IP100)	✓	✓
• Voice and Utility Reporting (VDMP3)	✓	✓
• Personal Dialing	✓	✓
• Pager Reporting	✓	✓
• In-field Firmware Upgrade	✓	✓

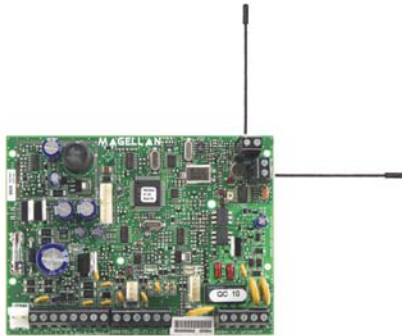
\* = Any of which can be wireless

## Control Panels

### MG5000:

#### Magellan 32-Zone Wireless Transceiver Control Panel

- StayD mode: see inside cover for details
- Built-in transceiver (433MHz or 868MHz)
- Compatible with all Magellan wireless devices (see pages 5 to 7) except MG32WK
- 32 zones (any of which can be wireless)
- 2 on-board hardwired zone inputs (4 with ATZ)
- 2 partitions
- Supports 16 PGMs (any of which can be wireless)
- 2 on-board PGMs
- 32 users and 32 remote controls (one per user)
- In-field firmware upgradeable via a 307USB and WinLoad
- Menu-driven programming for the Installer, Master and Maintenance codes
- Multiple phone numbers: 3 for monitoring station, 5 for personal dialing and 1 for pager reporting
- Automatic Daylight Savings Time feature
- 4-wire expansion bus (connect up to 15 keypads and up to three APR-ZX8 modules to a maximum total of 15 modules)
- Push button software reset (reset to default values and restart)
- RF Jamming Supervision
- Direct connect at 9.6k baud with WinLoad
- 256 events buffered
- Fits in 20cm x 25.5cm x 7.6cm (8in x 10in x 3in) and 28cm x 28cm x 7.6cm (11in x 11in x 3in) metal boxes



### MG5050:

#### Magellan 32-Zone Wireless Transceiver Control Panel

Same features as the MG5000 plus:

- 5 on-board hardwired zone inputs (10 with ATZ)
- 4 on-board PGM outputs, positive or negative triggering (PGM4 only)
- Fits in a 28cm x 28cm x 7.6cm (11in x 11in x 3in) metal box



## Magellan Remote Controls

### REM3:

#### Hand-Held 2-Way Remote Keypad

- Two User Modes  
*Keypad Mode:* Requires code entry  
*Remote Mode:* One-touch arm and disarm
- Supports StayD
- Built-in transceiver (433MHz or 868MHz)
- 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 partition 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
- Stainless steel key ring holder
- Label to identify remote control owner
- Compact, water-resistant design
- Small size 8cm x 3.4cm x 1.5cm (3.1in x 1.3in x 0.6in)
- Compatible with MG5000, MG5050 and Spectra SP Series



**New**  
Available  
Q1 2008



## MG-REM2:



### Magellan 2-Way Remote Control with Backlit Buttons

- Supports StayD (Version 2.0 or higher)
- Built-in transceiver (433MHz or 868MHz)
- 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
- **Label to identify remote control owner**
- Wireless range in a typical residential environment:  
30m (100ft) with MG6130 / MG6160  
45m (150ft) with MG5000 / MG5050 / MG-RTX3
- Also available with integrated access control card



## MG-REM1:



### Magellan Remote Control with Backlit Buttons

- Water resistant, stylish clear blue plastic with backlight for buttons
- Perform up to 5 different actions
- **Label to identify remote control owner**
- Wireless range in a typical residential environment:  
30m (100ft) with MG6130 / MG6160  
45m (150ft) with MG5000 / MG5050  
60m (200ft) with MG-RTX3
- Available in 433MHz or 868MHz
- Also available with integrated access control card

## Wireless Keypads

### Features Common to All Magellan Wireless Keypads



- Supports StayD
- View zone and system status live in real time
- Built-in transceiver (433MHz or 868MHz)
- In-field firmware upgradeable via a 307USB and WinLoad
- Fully functional: can be used to program the control panel
- 8 one-touch action buttons
- 3 keypad-activated panic alarms
- 2-partition keypads
- Compatible with MG5000, MG5050 and Spectra SP when using an MG-RTX3



## MG32LRF:



### 32-Zone Wireless LED Keypad

- 32-zone LED display
- StayD status LED
- Separate Arm, Sleep, Stay and Off LEDs per partition
- Adjustable backlight
- Includes 3.7Vdc Li-Ion rechargeable battery
- Requires 6Vdc power adaptor (PA6 not included)
- Wireless range in a typical residential environment: 40m (130ft)
- See Features Common to All Magellan Wireless Keypads on page 19



## MG32IRF:



Available  
Q1 2008



### 32-Zone Wireless Fixed LCD Keypad

- View zone and system status live in real time
- Fixed message display that guides you in the operation of the system
- Displays the status of 32 zones in 2 partitions
- Displays StayD status
- Displays Arm, Sleep, Stay and Disarmed status for each partition
- Displays troubles, bypassed zones and alarm memory
- Adjustable backlight
- Fully powered by 2 AA alkaline batteries
- The 6Vdc power adaptor is not required but can be used as an alternative power source (PA6 not included)
- Wireless range in a typical residential environment: 40m (130ft)
- See Features Common to All Magellan Wireless Keypads on page 19



**PA6:**

**6Vdc Power Adapter Plug**

- For the MG32LRF, MG32WK and MG32IRF
- Provides 6Vdc at 350mA max
- Includes one of 5 different power outlets: ACPEU (Europe), ACPAUS (Australia), ACPCH (China), ACPUK (United Kingdom) and ACPUL (North America)
- 6-foot wire

## Hardwired Keypads

**Features Common to All Magellan Hardwired Keypads**



- Supports StayD
- 1 keypad zone input
- 8 one-touch action buttons
- Independently set chime zones
- 3 keypad-activated panic alarms
- Connects to 4-wire expansion bus
- Compatible with E55\* MG5000, MG5050 and Spectra SP Series  
\*except MG32LCD



**MG32LCD:**

**32-Character Hardwired LCD Keypad Module**

- 32-character blue LCD with programmable labels
- Menu-driven programming for easy system setup (installer and end user)
- StayD status icon
- In-field firmware upgradeable via a 307USB and WinLoad
- Adjustable backlight, contrast and scroll speed
- 2-partition keypad
- See Features Common to All Magellan Hardwired Keypads on page 20



**MG32I:**



**32-Zone Hardwired Fixed LCD Keypad**

- Fixed message display that guides you in the operation of the system
- Displays the status of 32 zones in 2 partitions
- StayD status icon
- In-field firmware upgradeable via a 307USB and WinLoad
- Displays Arm, Sleep, Stay and Disarmed status for each partition
- Displays troubles, bypassed zones and alarm memory
- Adjustable backlight
- 2-partition keypad
- See Features Common to All Magellan Hardwired Keypads on page 20



**MG32LED:**

**32-Zone Hardwired LED Keypad**

- 32-zone LED display
- StayD status icon
- In-field firmware upgradeable via a 307USB and WinLoad
- Separate Arm, Sleep, Stay and Off LEDs per partition
- Adjustable backlight
- 2-partition keypad
- See Features Common to All Magellan Hardwired Keypads on page 20

**MG10LEDV: 10-Zone Hardwired LED Keypad (Vertical)**

**MG10LEDH: 10-Zone Hardwired LED Keypad (Horizontal)**

- 10-zone LED display
- StayD status LED
- Separate Arm, Sleep, Stay and Off LEDs per partition
- Patented Key Light display (button lights up to indicate an open zone)
- Adjustable backlight
- 2-partition keypad
- See Features Common to All Magellan Hardwired Keypads on page 20



MG10LEDV



MG10LEDH



**K636:**



Available  
Q2 2008

**10-Zone Hardwired LED Keypad**

- Single partition keypad
- 10-zone LED display
- StayD status LED
- Patented Key Light display (button lights up to indicate an open zone)
- Arm, Sleep, Stay and Off keys illuminate to indicate partition status
- Adjustable backlight
- See Features Common to All Magellan Hardwired Keypads on page 20

## Hardwired Zone Expansion Modules

**APR-ZX8: 8-Zone Expansion Module**

- Compatible with E55, MG5000, MG5050, Spectra SP and Digiplex EVO
- Add 8 zones
- 1 PGM output
- Use zone input as an anti-tamper switch input



## System Accessories

**VDMP3: Plug-In Voice Module**

- Dial up to 5 telephone numbers to report a burglar, panic or fire alarm using pre-recorded voice messages (8 telephone numbers when used with EVO panels)
- Arm/disarm the system and receive status reports remotely via telephone
- Control PGMs and toggle utility keys remotely via telephone
- Voice-guided menu
- In-field firmware upgradeable via a 307USB and WinLoad
- Compatible with E55, MG5000, MG5050, Spectra SP and EVO control panels
- Connects directly onto the control panel



**307USB: Direct Connect Interface**

- Includes 3 LED status indicators (PC, Panel and RX/TX)
- Incorporates a USB port and a serial port (DB-9)
- Enables control panel to communicate with a PC at 60m (200ft)
- Connect control panel's serial port connector to a PC's serial (DB-9) or USB port
- 57.6k baud communication (Magellan console), 38.4k baud communication (EVO) or 9.6k baud communication (E55, MG5000, MG5050 and Spectra SP)





**IP100:**

**Internet Module**

- Control and monitor an E55, MG5000, MG5050, Spectra SP or EVO control panel through an IP network (LAN/WAN/Internet)
- Use WinLoad to access your system through the Internet
- Receive notification of system alarms via email
- Arm/disarm individual partitions via web browser
- View live status of all zones and partitions (i.e. open/close, arm/disarm, troubles and alarms) via web browser
- Upgrade the firmware of the IP100 using the IP Exploring Tools through the Internet
- DNS service available for dynamic IP address
- Very low bandwidth consumption
- Data sent and received using 128-bit (MD5 and RC4) or 256-bit (AES) data encryption
- Two-way dynamic authentication



**APR-PGM4:**

**4-PGM Expansion Module**



Available  
Q1 2008

- Current version is compatible with 1728/1738 control panels and Digiplex EVO, next version will also be compatible with **MG5000, MG5050 and Spectra SP**
- **In-field firmware upgradeable via a 307USB and WinLoad**
- 4 programmable 5A relay outputs
- Deactivate PGM after event or timer
- Pulse PGM output for fire alarms
- Will replace currently available APR3-PGM4



**APR3-HUB2:**

**2-Port Hub and Bus Isolator**

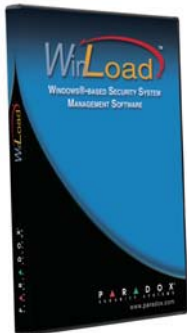
- Divide the communication bus into multiple completely isolated outputs (if one output fails, the others will continue to function)
- One input port, 2 completely isolated output ports  
Each output port provides communications up to 75m (250ft)
- Compatible with E55, MG5000, MG5050, Spectra SP Series and Digiplex EVO



**PMC5:**

**Hand-Held Plug-in USB Memory Key**

- Includes USB connector to download or upload system programming to or from a PC with WinLoad
- Lock switch to prevent accidental loss of data
- LED status indication
- Download or upload control panel/console programming within seconds
- Connect directly to memory connector on the control panel/console
- No need for a telephone line, PC or any other peripheral device



**UDS2000:**

**WinLoad Installer Upload/Download Software**



- **Now supports TCP/IP connections through the IP100**
- User-friendly programming and monitoring of the Digiplex EVO, Magellan, Spectra SP Series and E55 control panels and modules
- Remote uploading and downloading using most standard modems at 300 baud
- On-site (local) uploading and downloading at 57.6k baud (Magellan console), 38.4k baud (EVO) or 9.6k baud (E55, MG5000, MG5050 and Spectra SP series) using a 307USB Direct Connect Interface (60m/200ft) or a CONV4USB Converter (300m/1000ft)
- New in-field firmware upgrading feature that allows WinLoad to upgrade the firmware of certain control panels/modules via a 307USB interface or a CONV4USB converter
- Multiple users, groups and databases
- Network-compatible database
- Advanced printing of reports and zone/user programming
- Supports 15 user-selectable languages