

# MG6250

## 2-Partition 64-Zone Wireless Console with GPRS/GSM

### Description

The MG6250 has been developed with the latest industry requirements in mind regarding multi-channel reporting. Paradox's Simultaneous Five-channel Reporting offers reporting via GPRS, GSM, SMS, Voice, and traditional landline. Simultaneous Five-channel Reporting was designed to be highly reliable and economical, with minimal programming. Under normal conditions, the console uses pre-determined reporting sequences based on channel availability, speed, and cost-effectiveness. In case of a panic or alarm, the console will report on all five channels, making sure the report is transmitted. This ensures worry-free, reliable communication with the central station or the user.

The MG6250 supports two partitions for two separate security-monitored areas, with up to 64 wireless zones. In addition, the console also offers three arming levels: Stay, Sleep, and Full arming, as well as StayD-Paradox's patented protection level that ensures better, adaptable, protected living. Offered in both white and silver, the MG6250 blends into any decor.

### Features

- 2 partitions and up to 64 wireless zones
- Simultaneous Five-channel Reporting (GPRS, GSM, SMS, Voice, and traditional landline)
- Voice and SMS (text message) reporting
- Firmware upgradeable via GPRS
- Speakerphone via GSM or landline
- Three arming levels (Stay, Sleep, and Full) and StayD
- Built-in transceiver (433 or 868 MHz)
- 16 users, 16 remote controls
- User access system menus via telephone
- Installer and user menu-driven programming



### Highlights

- **Simultaneous Five-channel Reporting**  
Offers reporting via GPRS, GSM, SMS, Voice, and traditional landline, with pre-defined communication sequences to save installation time.
- **Speakerphone via GSM or Landline**  
Provides a fully-functional speakerphone that uses either GSM or a landline.
- **GPRS14 Plug-in Communicator Module**  
This integrated, concealed module provides reporting via GPRS, GSM, and SMS (featuring dual SIM cards for provider redundancy).
- **All-in-one 2-Partition 64-Zone Wireless Console**  
Two partitions for two separate security monitored areas with up to 64 wireless zones (Stay, Sleep, and Full arming per partition). Supports the full Magellan line of wireless products (keypads, motion and smoke detectors, sirens, PGMs, remotes, and repeaters).
- **Intuitive Menu-driven Programming**  
Programming the console is performed via the unit's menu-driven user interface, allowing system set-up to be quick and effortless.
- **StayD - Always Armed, Never Disarmed**  
Provides Paradox's patented protection level that maximizes security for easier, better living.

## Console Feature Details

### **Simultaneous Five-channel Reporting**

Reporting on the MG6250 was designed to use a wide range of communication technology (GPRS, GSM, SMS, Voice, and traditional landline) to ensure optimum reporting capabilities. It was also developed to be installer-friendly, as it requires very little programming to set-up.

In case of an alarm or panic, all channels are used simultaneously to make sure the report is sent instantly to the central station, without wasting valuable time like backup systems do.

Under normal reporting conditions, the MG6250 uses pre-determined channel priorities based on channel availability, speed, and cost. This ensures efficient, reliable, non-stop communication with the central station at the lowest possible cost.

### **Installer-friendly**

The MG6250 console was designed to make the setup of the system to be as simple as possible. Programming the console is accomplished via the menu-driven interface, which provides a clear and easy menu structure that guides you every step of the way. This saves installation time, as well as minimizes the time required to familiarize yourself with the system.

Also, after visiting the site once to install and program the system, there is virtually no need to visit the site again. All firmware upgrades are done remotely via GPRS.

### **GPRS14 Plug-in Communicator Module**

This integrated, concealed communicator module provides reporting via GPRS, GSM, and SMS. There is no need for an external module, as the optional GPRS14 plugs in directly to the console's PCB for greater convenience.

The GPRS14 also features two SIM cards, which offer redundancy of your GPRS/GSM service provider. This ensures the highest level of reporting reliability in the industry.

### **End-user Communication**

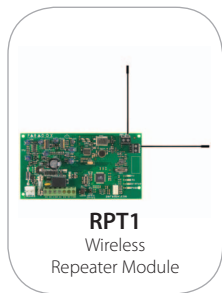
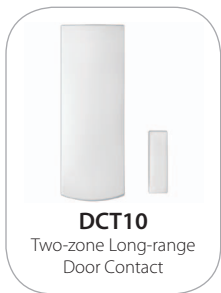
The MG6250 offers many convenient end-user communication features. For example, the system owner can receive a voice call from the console describing in detail the reported events (up to ten users can be notified). The end-user can also receive an SMS notification of select events such as an alarm, system trouble, etc.

The console also features remote system access, where the end-user can call the console via GSM or landline to arm/disarm the system, as well as listen-in or speak via the built-in speakerphone. This same hands-free phone can also be used as an additional regular landline or GSM line.

## System Overview

The MG6250 console supports the full Magellan line of wireless products. The following is a selection of compatible accessories.

To view the complete line of Magellan wireless accessories, visit us at [paradox.com](http://paradox.com).



## Security Features

StayD - Paradox's patented protection level
Built-in transceiver (433 or 868 Mhz)
64 maximum zones (2 I/Os can be hardwired)
2 partitions
16 users and 16 remote controls
8 wireless PGMs (2 I/Os can be hardwired)
256 events buffered
Supports 4 wireless sirens (SR150)
Supports 4 wireless keypads (K32RF / K37)
Supports 4 wireless repeaters (RPT1)
Range extension: 75m / 240 ft. (433 MHz) 50m / 160 ft. (868 MHz)
Supports 16 two-way remotes (REM2 / REM3)
Built-in 90 dB siren
Remote firmware upgrade via GPRS

## Communication Features

Quad-band GPRS/GSM module with 2 SIM cards (GPRS14)
Built-in voice and utility reporting (up to 10 telephone numbers)
Two-way voice communication (via GSM or landline**)

## End-user Features

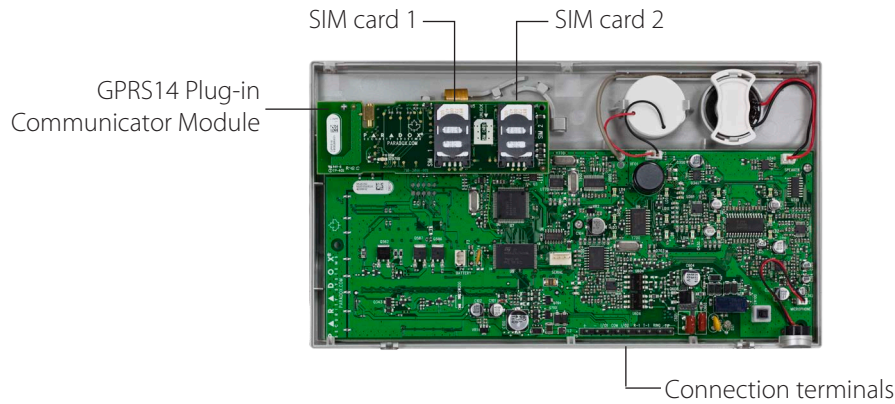
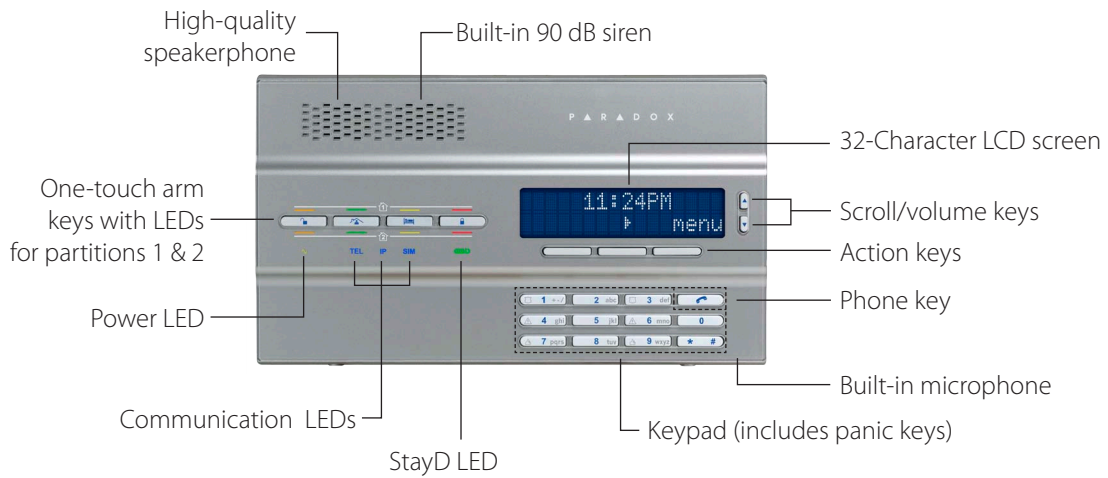
Speakerphone via GSM or landline
Full voice-assisted remote system access via GSM
High-quality sound for voice tags and menu guidance
Family message center (up to 30 sec. w/ time stamp)
Clock with alarm

\*\* Patented 2-optocoupler dialer circuit (US patents 5751803, RE39406)



\* Displays first 32 zones only

# Console Overview



## Specifications

Power input	7.5Vdc (PA7 Power Adapter Plug)
Current consumption	1A (max.)
Wireless frequencies	433 or 868 MHz
Weight	670 g (1.48 lb)
Battery pack	4.8V NiMH, rechargeable
Operating temperature	0°C to 40°C (32°F to 104°F)
Humidity	5-90%
Dimensions (L x W x D)	24.6 x 14 x 3.9 cm (9.7 x 5.5 x 1.5 in.)
GPRS14 specifications	Quad-band GPRS/GSM module with 2 SIM cards