

Operation Description

The PowerMax Express is a user and installer-friendly, 29zone fully-supervised wireless control system. The PowerMax Express includes an optional partition feature. Partitioning allows you to have up to four independently controllable areas with different user codes assigned to each partition. A partition can be armed or disarmed regardless of the status of the other partitions within the system. For example, you can define the garage as partition 1, the basement as partition 2, the house as partition 3 and a safe as partition 4. Since each partition is independent of other partitions, you can arm or disarm each partition as desired without altering the states of the other partitions. Therefore, while arming or disarming your home this will not interfere with the safe that you desire to arm most of the time.

Electrical Data

External AC/AC adapter:

- **Europe:** 230VAC 50Hz input, 9VAC 700mA output.
- **USA:** 120VAC 60Hz input, 9VAC 1000mA output.

Current Drain: Approx. 70 mA standby, 1600 mA peak at full load.

Minimum battery voltage: 4.8V

Backup Battery Pack: 4.8V 1300 mAh, rechargeable NiMH battery pack, p/n GP130AAM44MX, manufactured by GP – Backup period of 16 hours.

Maximum battery recharge time: 72 hours

Battery Test: Once every 10 seconds.

RF Section

Operating Frequencies (MHz): 315 (in USA & Canada), 433, 868.95 or other UHF channel per local requirement in the country of use.

Receiver Type: Super-heterodyne, fixed frequency

Receiver Range: 600 ft (180 m) in open space

Antenna Type: Spatial diversity

Coding: PowerCode and/or CodeSecure™

Communication

Built-in Modem: 300 baud, Bell 103 protocol

Data Transfer to Local Computer: Via RS232 serial port

Report Destinations: 2 central stations, 4 private telephones.

Reporting Format Options: SIA, Pulse 4/2 1900/1400 Hz, Pulse 4/2 1800/2300 Hz, Contact ID, Scancom.

Pulse Rate: 10, 20, 33 and 40 pps - programmable

Message to Private Phones: Tone

Ring Detection: The unit does not support ring detection without DC voltage present on the telephone lines.