

A New Standard in Stand-Alone Wireless!

PowerMax™ is a new type of advanced wireless security system with the full range of features you need to serve any residential and many commercial applications. PowerMax's elegant console design houses a sophisticated 30 zone integrated security/fire/ automation system with built-in control panel, keypad, graphic LCD display, 85db sounder, speaker and microphone, all in one package. The speaker enables a host of digital audio features including voice prompt operator instructions, message center record and playback as well as 2-Way voice monitoring. PowerMax™ also introduces a new level of communications performance with pager formats, and the option to deliver audio messages to private telephone numbers (in addition to signals to the monitoring station). Upload/download programming is a snap through direct RS232 transfer or remotely via modem.



Telephone Access



Built-in Message Center



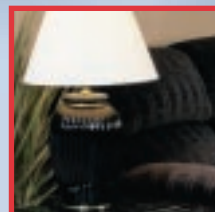
Code-Secure™ Encrypted Keyfob



Pager Communications



Command First™ Intuitive System Operation



X-10 Lighting Control



Features

- Console available in Ivory or Charcoal Gray
- 29 Wireless Zones
- 1 Hardwired Zone
- 1 PGM Output
- 2 Sounder Outputs
- RS232 Programming Port
- 8 User Codes
- Up to 8 Encrypted Keyfobs
- Control of up to 7 X-10 powerline carrier automation devices
- Rechargeable Nicad batteries included
- A full selection of Visonic PowerCode™ Sensors and control transmitters
- Full Voice Response
- Message Center
- Built in Voice Dialer
- Chime by zone
- Two Way Voice Monitoring
- 100 Event log
- Single Button Operation
- "Follow Me" Telephone Number
- Full Paging Capability

PowerMax

General Specifications

Number of Zones:

30, 1 accepts hard wired detectors

Zone Types:

Interior
Perimeter
Delay 1
Delay 2
24 hours – audible
24 hours – silent
Fire
Non-alarm
Emergency

User Codes:

8 codes, 4 digits each

Control Facilities:

Integral Keypad
PowerCode™ / CodeSecure™
Hand-held transmitters
Remote Telephone
Local or Remote Computer

Alarm Loop Type:

E.O.L. 2.2 K Ω (Zone 1 only)

Display:

Single line, back lighted
16 character LCD
4 LED Indicators

Arming Modes:

Away
Home
Away-Instant
Home-Instant
Latchkey
Forced

Alarm Types:

Silent Alarm
Siren Alarm or Sounder
(internal)
Alarm, in accordance with zone attributes

Siren Signals:

Intrusion – Continuous
Panic – Continuous
Fire – Temporal

Siren Timeout:

Programmable 1-20 minutes

Internal Sounder Output:

at least 85 dBA at 10 ft. (3 m)

Supervision:

Programmable time frame for inactivity alert

Data Retrieval:

Status
Alarm Memory
Trouble
100 Event Log

Real Time Clock:

The control panel keeps and displays time and date

Transmitters compatible with PowerMax™

MCT-234 – Keyfob Transmitter
MCT-231 – Pendant Transmitter
MCT-231WP – Waterproof Pendant Transmitter
MCT-131 – Single Button Hand Held Transmitter
MCT-132 – Dual Button Hand Held Transmitter
MCT-134 – Four Button Hand Held Transmitter
MCT-211 – Wrist Band Transmitter
MCT-302 – Magnetic Contact Transmitter
MCT-501 – Wireless Glassbreak

MCPIR2000 – 60' Wireless PIR
MCT-100 – 2 Input Universal Transmitter
MCT423 – Wireless Smoke Detector
K940MCW – Pet Immune Wireless PIR, 40lb Pet Immunity
K980MCW – Pet Immune Wireless PIR, 80lb Pet Immunity

Compliance with Standards:

Designed to comply with UL 1023 Grade A
UL 1635 Grade C and FCC part 68.
Designed to meet FCC Part 15
ETS 300-220
ETS 300-683 and MPT 1340 requirements

Electrical

Power Transformer

9 VAC / 700 mA – 120 VAC, 60 Hz

Current Drain:

Approx. 95 mA standby, 500mA on alarm

Sounder Output Current Supply Capability:

Internal: 6 – 14 V, 30 mA max.
External: 6 – 14 V, 130mA max.

PGM (auxiliary) Outputs Current Sinking:

100 mA max.

Fuse Ratings:

1 A for battery protection
0.5 A for siren/sounder circuit protection

Backup Battery:

7.2 V, six AA Ni-Cd rechargeable cells

Battery Supervision:

Trouble message for low backup battery and for low battery in any wireless device.

Physical Properties

Operating Temperature Range:

0°C to 49°C (32°F to 120°F)

Storage Temperature Range:

-20°C to 60°C (-4°F to 140°F)

Weight:

905g (2 pounds) less batteries

Size:

250 x 190 x 44 mm
(9-13/16 x 7-1/2 x 1-3/4 inches)

Colors:

Ivory
Charcoal Gray

RF Section

Operating Frequencies:

Per local requirement in country of use.
315 MHz
404 MHz
418 MHz
433.92 MHz

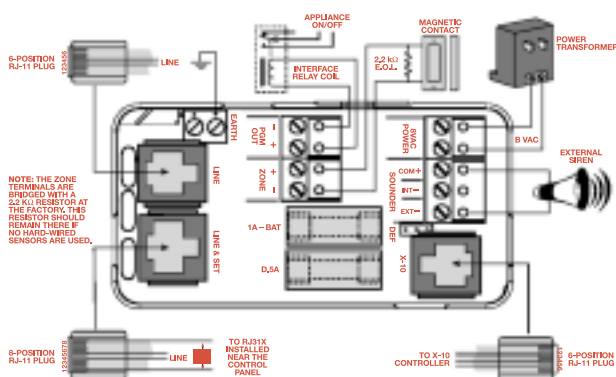
Receiver Type:

Super-Heterodyne, fixed frequency

Coding:

PowerCode™ and/or CodeSecure™

Wiring Diagram



Communication

Upload/download Software:

Available on CD Rom

Report Destinations:

2 central stations
4 private telephones
1 pager

Built in Modem:

300 baud, Bell 203 protocol

Message Type:

Digital for central stations
Speech for private telephone

Data Transfer to Local Computer:

RS232 Serial port



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Find out more by visiting the PowerMax™ web site at www.coolsecurity.com



PowerMax™ uses PowerCode™ supervised sensors and encrypted devices.