

## Home Guard™ Model VM500-2

### General Description

The **Home Guard™** is a simple to use, temperature monitor and callout alarm in a tabletop package.

The **Home Guard™** monitors the temperature and power wherever it is located.

If the temperature goes below 45 degrees or the power fails, the **Home Guard™** will call and alert you at up to two different phone numbers.



### Features

- Easy to program following spoken instructions
- Easy to setup!
- Built in temperature sensor
- Calls up to two programmable phone numbers
- Call and hear the temperature and power status any time
- Power monitoring, get a call if the power fails
- Programmed settings are never lost!
- Recordable greeting message
- Rechargeable backup battery (included)

### Functional Description

#### Monitoring

The Home Guard continuously monitors the local temperature with its integrated solid state temperature sensor. The Home Guard also monitors the power via its wall mount transformer.

#### Remote Status Checking

The Home Guard can be called anytime to check the temperature and power.

#### Emergency Phone Calls

When the temperature is below 45°F or the power is out, the Home Guard will dial all programmed phone numbers until contact is made. If contact has not been made after dialing both phone numbers, the Home Guard will wait twenty minutes and then begin calling again. This sequence is repeated until contact is made.

When the Home Guard is calling it will play recordable greeting message and the current temperature and power status. The Home Guard will then prompt the user to enter the PIN. When the correct PIN is entered, contact has been made. The Home Guard will stop calling until a new alarm condition occurs. If the Home Guard calls an answering machine or voice mail, the Home Guard will leave the warning message and will continue to call.

#### Battery Backup

The Home Guard's rechargeable backup battery is continuously maintained in a charged state.

## Specifications

|                               |  |
|-------------------------------|--|
| Temperature Sensing Range:    | 32°F to 125°F  |
| Temperature Accuracy:         | ±2°F   |
| Power Requirements:           | 120VAC at 50/60 Hz wall mount transformer (included)             |
| Material:                     | Flame retardant ABS plastic, 94-5VA                              |
| Dimensions:                   | Enclosure: 5.00" x 5.250" x 1.630"                               |
| Ambient Operating Conditions: | 32°F to 125°F  |
| Shipping Weight:              | 2 lbs  |
| Agency Compliance:            | Home Guard FCC Approved and Registered<br>Power Supply UL listed |

## User Programmable Features

|  |            |
|--|------------|
| Maximum number of programmable callout numbers:        | 2          |
| Maximum number of digits for callout numbers:          | 20         |
| Length of recordable message:                          | 10 seconds |
| Range of incoming rings before the Home Guard answers: | 1 to 20    |
| Number of digits in programmable PIN:                  | 4          |

## Factory Settable Features

|  |   |
|--|---|
| Maximum time delay between notification calls: | 900 minutes (default 20 minutes)  |
| Maximum power outage alarm time delay:         | 900 minutes (default 5 minutes, factory settable time delay dependent on battery model purchased) |

## Ordering Options

| Option                           | Part Number Suffix | Description  |
|----------------------------------|--------------------|--|
| 20 Hour battery backup           | B20                | The 20 hour battery backup allows the Home Guard to make and receive telephone calls in the event of a power outage for up to 20 hours, depending on the number and duration of telephone calls. |
| 30 Hour battery backup           | B30                | The 30 hour battery backup allows the Home Guard to make and receive telephone calls in the event of a power outage for up to 30 hours, depending on the number and duration of telephone calls. |
| Disable Temperature Annunciation | DTA                | The Home Guard will not broadcast the temperature information, until the PIN has been entered.   |
| Celsius mode                     | C                  | The Home Guard will function with Celsius temperature output   |