

# E1000 CENTRAL STATION CONTROL



## Activation Control

**Control and monitor your Mass Notification product from a central location. The E1000 allows the user to issue system activations and collect remote siren status via RF link or landline.**

Features Whelen's field proven COMM/STAT™ Command and Status Monitoring protocols. For fast, secure, and reliable communication.

The E1000 supports all of the features that are available in Whelen's high-powered Voice and Siren product line, from individual command selection to user programmed command scenarios or call keys. With the selection of one call key, an operator may prompt the encoder to issue multiple commands.

With the included computer accessory software, you can connect the E1000 to a PC for Windows® based programming and data archiving.

### **E1000 FEATURES**

- 16 row by 40 character backlit LCD display
- 20 "HOT" call keys
- 4 time of day call key activations
- 2 remote input call keys

- Automatic system polling
- Base radio interface
- Channel grant input for trunking radio systems
- Super Capacitor back-up for time and date
- Rugged membrane keyboard
- Microphone for live public address
- Computer interface USB
- Speaker driver/amplifier status availability
- 28 RDVM message capability
- 24 hour clock, day of the week, month, date, year, and stand-by message displayed when encoder is not in use
- May be used for mobile applications

### **COMPUTER INTERFACE FEATURES**

- CD-ROM and USB cable included
- Designed to communicate over a USB port with the E1000
- Enables user to make configuration changes to the E1000
- Extracts current configuration
- Records a log file of activity



# E1000 CENTRAL STATION CONTROL

# WHELEN®

## Specification Data

### GENERAL

The E1000 is configured to make maximum use of call keys or pre-programmed scenarios. In addition, commands are grouped into easy to follow categories for warning tones, digital voice messages, speaker rotor direction (if applicable), test, and status. A numeric keypad section allows for individual remote addressing.

A 16 row by 40 character LCD display shows all keyboard and status activity. Command and status information can also be sent to E1000 USB port.

All pre-programmed functions are stored in non-volatile memory. Time and date are protected by a maintenance free internal super capacitor that never needs to be replaced.

### COMPUTER REQUIREMENTS

- Intel Pentium 4 processor
- Microsoft Windows Vista, Windows 7, Windows 8, Windows 10
- 512 MB of RAM (1GB recommended)
- 10MB of available hard disk space

#### Additional Prerequisites

- Windows Installer 3.1
- NET Framework 3.5

### COMMUNICATIONS

#### Transmitter Connection:

- Squelch
- Push to Talk (PTT) (normally open contacts)
- Transmit audio, 600 Ohm transformer coupled
- Receive audio, 600 Ohm transformer coupled
- Channel grant active (for trunking)

#### Signaling:

DTMF 2 of 8 format

10 digit transmit

14-18 digit receive

#### Tone level:

DTMF audio level adjustable

PA Mic audio level adjustable

#### Transmitter Delay:

User selectable delay times

### DIMENSIONS

Height: 3"

Width: 11"

Depth: 8"

Weight: 1.8 lbs (0.82 kg)

### ELECTRICAL SPECIFICATIONS

#### Input Power:

- 120VAC UL® listed wall mount transformer
- 12VDC nominal, 185mA typical, 300mA maximum

### ENVIRONMENTAL

- Operating temperature, 0°C to +60°C
- Storage temperature, -20°C to +60°C
- Humidity, 0-95%, non-condensing

### AUDIO

- 2-wire, 600 Ohm transformer coupled, adjustable

### CONTROL

- Normally open relay for Push to Talk
- Contact rating: ½A @120VAC, 1A @24VDC

### REAR PANEL

#### DTMF Tone Level:

Variable, 0-4 Vpp

#### Microphone Volume:

Variable, 0-6 Vpp

#### Microphone Jack:

Ground, signal, PTT

#### Relay Closure Output (PTT):

½A @120VAC, 1A @24VDC

#### Connectors:

Two part, screw terminal, Phoenix brand, or equivalent

### MASS NOTIFICATION PRODUCTS

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Speak for Themselves"™*

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