

# E969 ENCODER

**WHELEN<sup>®</sup>**

## Activation Control

Ideal for medium sized warning systems.

The E969 encoder's four "Hot Keys" reduce complicated warning command scenarios to a simple two button procedure. A built-in time clock provides for "time of day" and "noon test" activation.

### FEATURES

- Provides the state-of-the-art features and capabilities of more expensive encoding devices at an affordable price
  - Easy to operate sealed 26 key membrane switch panel
  - Battery back-up 24 hour clock, day of the week and stand-by message displayed when encoder is not in use
  - Audio output, PTT (push to talk), squelch monitor input and channel grant input (for trunking radio environment)
  - Microphone input and microphone level adjustment
- May be used for mobile applications
  - Whelen ten digit DTMF signaling code provides extensive system configuration and security from false activation
  - Durable and attractive ABS housing
  - Includes two inputs for encoder "Call Keys" activation by a remote device with the use of a dry contact closure or equivalent
  - Four "Call Keys" on the front panel for manual activation of user programmed command scenarios (multiple commands). Additional four "Call Keys" can be used by the remote inputs and time of day transmits
- Individual commands are simply selected by:
    1. Pressing a "Command Group" key
    2. SCROLL (with either the UP or DOWN scroll key) to select a command
    3. Enter the siren address by pressing the number keys or the "ALL" key
    4. Press the "SEND" key



# E969 ENCODER

## Specification Data

### SPECIFICATION DATA

**E969:** 35 function encoder permitting individual selection of 1-9999 warning sirens or system "All Call." Compact desktop design with inclined sealed membrane keyboard.

Encoder can be set-up with a user friendly menu by using the display and keyboard, or with a personal computer with an RS-232 port. 12VDC nominal operation, furnished with U.L. listed wall mount transformer.

### PHYSICAL DATA

Height: 10.9 cm  
Width: 25.4 cm  
Length: 20.3 cm  
Weight: 0.50 kg

### ELECTRICAL DATA

**Power:** 12VDC, nominal. The E969 is furnished with a UL listed 120 or 240VAC/12VDC wall mount transformer.

**Current:** 85 mA @12VDC typical, 300mA maximum.

**Microphone:** Ground, signal, PTT.

**Connections:** 2 part screw terminal.

**Audio:** 2 wire, 600 ohm transformer balanced, output adjustable 0-4vpp.

**Control:** 2 wire, transmitter PTT.

### SIGNALLING

1 N.O. relay contact.

**Contact Rating:** 1/2a @ 120VAC, 1a @ 24VDC.

**DTMF** 2 of 8 format, Whelen 10 digit protocol.

### REAR PANEL CONTROLS

**DTMF tone level:** variable, 0-4vpp.

**Microphone level:** variable, 0-6vpp.

### ENVIRONMENTAL DATA

**Operating temperature:** 0°C to +60°C.

**Storage temperature:** -20°C to +60°C.

**Humidity:** 0-95% non-condensing.

### ORDERING INFORMATION

**E969:** 35 function

**FSKCEO:** Option to convert to FSK format

**Optional:** WPSNCMIC microphone

# WHELEN<sup>®</sup>

ENGINEERING COMPANY, INC.  
PUBLIC WARNING PRODUCTS

**hss Engineering**  
Bredskiftevej 12  
DK 8210 Aarhus V  
Phone + 45 70 22 88 44  
Fax + 45 70 22 88 66  
[www.hss.dk](http://www.hss.dk)  
email [hss@hss.dk](mailto:hss@hss.dk)

Whelen Engineering Company, Inc. reserves the right to upgrade its products with design improvements without notification.  
© 2006 Whelen Engineering Company, Inc.  
Printed in the U.S.A.  
011206-11696B