

# E747 ENCODER

**WHELEN®**

## Activation Control

### E747 FEATURES

Ideal for small warning systems and easy to use, the E747 encoder aids dispatchers in quickly activating sirens when disaster strikes. The E747 is provided in a compact and attractive desktop design for applications where space is at a premium.

- Simple 3 step operation:
  1. Select command.
  2. Select individual siren or "All Call".
  3. Press send.
- Whelen 10 digit DTMF activation protocol is fast, secure and reliable.
- Selection of 18 activation commands.
- Selection of 1-10 sirens individually.
- System "All Call".
- Inclined keyboard for easy access and viewing.
- Membrane keypad features raised keys with tactile response.
- LED indicators illuminate upon key selection.
- Command key LED flashes when activation has been sent.
- Keyboard on/off switch and LED indicator.
- Microphone input and microphone level adjustment.
- May be used for mobile applications.



# E747 ENCODER

## Specification Data

### SPECIFICATION DATA

**E747:** 18 function encoder permitting individual selection of 1-10 warning sirens or system "all call". Compact desktop design with inclined sealed membrane keyboard. LED key select indicators illuminate upon key selection. Command key LED flashes upon transmission of activation sequence. 12VDC nominal operation, furnished with UL listed wall mount transformer. May be used for mobile applications.

### PHYSICAL DATA

**Height:** 2.1"

**Width:** 6.9"

**Depth:** 6.7" (including mic plug)

**Weight:** 1.1 lb.

### ELECTRICAL DATA

**Power:** 12VDC, nominal. The E747 is furnished with a UL listed 120VAC/12VDC wall mount transformer.

**Current:** 60ma 12VDC typical, 150ma maximum.

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

**Outputs:** 4 wire cable, audio - 2 wires, PTT - 2 wires.

**Audio:** 2 wire, 600 ohm transformer balanced, output adjustable 0-2v P-P.

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

### SIGNALING

1 N.O. relay contact. Contact rating: 1/2a @120VAC, 1a 12VDC.

DTMF 2 of 8 format, Whelen 10 digit protocol.

### REAR PANEL CONTROLS

**Transmitter Warmup:**  
4 selections: 100ms, 500ms, 1 sec. & 2 sec.

**DTMF Tone Level:**  
Variable, 0-4vpp.

**Microphone Level:**  
Variable, 0-6vpp.

### ENVIRONMENTAL DATA

**Operating Temperature:**  
-20°C to +60°C.

**Storage Temperature:**  
-40°C to +60°C.

**Humidity:**  
0-90% non-condensing.

### ORDERING INFORMATION

**E747:** 18 Function

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

**Optional:**  
**WPSMIC** Microphone

# WHELEN®

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