



# Informer

## *Tone Alert Receiver*

- Instant alert and notification of emergency situations
- High efficiency 85dB(A) 4" speaker for tone and voice
- DTMF and Two-tone decoding - standard
- RS232 port for unlimited reprogramming of the operating system
- Windows based software for easy programming
- Optional EAS/SAME or Federal Signal Digital Protocols
- Easily adaptable for the hearing impaired
- Battery Back-up
- Tone-Coded or Digital Coded Squelch - Standard

*"Warning the World"*

**A**lerting the public to emergency events is now easier than ever with Federal Signal's Informer. This high-end radio receiver is designed to stringent specifications making it a clear performance leader.

The Informer includes a commercial grade radio receiver available in Low, High, and UHF bands. The standard product will decode DTMF, Single-Tone, and Two-Tone Sequential, and optionally, EAS/SAME or Federal Signal Digital protocols.

The Informer is capable of generating four (4) separate alarm sounds. This alarm can be followed by a voice message. The Informer also has a clearly marked LED panel which will flash to indicate an emergency alert has been received. Other features include a low battery indicator, built in diagnostics, and a test indicator LED. Furthermore, this receiver can be programmed to disable the Monitor button to prevent end-users from listening to local channel activity.

The Informer comes with a UL Listed wall transformer and a battery back-up system that can provide more than 1-1/2 hours of full monitoring or multiple hours in standby.

Designed to be an attractive and durable product, the Informer can be wall mounted and comes with a one-year warranty (see owner's manual).



**FEDERAL SIGNAL CORPORATION**  
Federal Warning Systems

## INFORMER SPECIFICATIONS

Frequency Range (MHz)	33-50	150-174	450-470
Intermodulation Rejection per EIA-603, part 4.1.9	≥-67	≥-70	≥-62
Adjacent Channel Selectivity per EIA-603, part 4.1.6	≥-64	≥-80	≥-55
Spurious Response & Image Rejection (dBm) per EIA-603, part 4.1.8	≥-80	≥-80	≥-75
Frequency spread allowable without re-tuning (MHz)	+/-4.9	+/-1.5	+/-10.6

### REFERENCE SENSITIVITY\*

(12dB SINAD): ≤ 0.35 microvolts

### HUM AND NOISE\*

Squelched: ≥ -57 dB

Unsquelched: ≥ -37 dB

### AC WALL TRANSFORMER (UL LISTED)

Input: 108 to 128 VAC, 60 Hz

Output: 9VDC @ 500 mA

Operating Environment: -30 to +60C

Operating Current: <100mA. standby  
<400mA. Max.

### STANDARD SIGNALING FORMATS

Number of codes: Up to 6 Activation Codes,  
programmable

#### Two-Tone Sequential or Single Tone:

300 Hz-3000 Hz, tolerance +/- 1.5%

DTMF: 1-12 digits

#### Two-Tone and DTMF Decode Sensitivity:

≤20 dB Sinad

### OPTIONAL SIGNALING FORMATS

#### Federal Signal (MSK) Digital Option:

1200,N,8,1 Synchronous, 1200 Hz mark tone,  
1800Hz space tone

Digital Decode Sensitivity: ≤12 dB Sinad

#### EAS/SAME Option:

User Programmable to any EAS Event codes and up  
to three (3) location codes

EAS/SAME Decode Sensitivity: ≤18 dB Sinad

#### CTCSS/CDCSS:

Decode with Two-Tone codes ≥ 400 Hz only.

Tone Frequency Range 36.6 to 254.1 Hz,

Tone Accuracy > .05Hz

Tone Decode Bandwidth +/- 1.1%

#### CTCSS/CDCSS (Continued):

Digital, Golay (23,12) 23 bit digital word

Digital Data Rate 134.4 Hz nominal

Decode: Turn on Time < 250ms., Turn off Time < 1.2s.

Acoustic Output: 85 dBA\*\*

### RECHARGEABLE BATTERY

Type: Sealed Lead Acid

Rating: 6 VDC, 1.2 A/H

Minimum life without AC power:

6 Hours @ 25% run time, full volume

### DRSO600 Option

#### Dual Relay Output (optional):

5a @ 30 VDC

#### 600 Ohm Output (optional):

50mv - 2.5vpp into 600 Ohms

Antenna: Removable rubber duck

External Antenna Connector: 50 ohm, BNC female

Model IS2 Strobe (optional): 100 Candela,  
60 flash min.

### DIMENSIONS

Height x Width x Depth: 5" x 7" x 2-1/2" (10° incline)

Weight: 4 lbs

### ORDER INFORMATION

I-L' VHF Low Band, 33-50 MHz

I-H' VHF High Band, 151-174 MHz

I-U' UHF Band, 450-470 MHz

#### Options

I-EAS Installed EAS

I-EAS-KIT Field Installable EAS Kit

I-FSK Installed FSK

I-FSK-KIT Field Installable FSK Kit

I-SW Programming Software

Compatible with Windows 95, 98, 2000, and XP

'Dual Relay/600 ohm output models are also available.

Add **IO** to the model number when ordering. The Dual  
Relay/600 ohm option must be ordered with the Informer  
model.

There is a programming fee associated with Informers  
programmed at the factory. Contact your local  
representative for a quotation.

The Informer is designed for wall mounting. Mounting  
screws are not included.

\*Receiver Specifications referenced to TIA/EIA 603

\*\*Acoustic Output measured at 10' on axis in an anechoic  
environment. User configurable soft-tones (aproximately,  
55d BA)

**OSI International**

164 West Royal Palm Road, Boca Raton, FL 33432

Sales: (800) 394-9508 • Fax: (561) 394-9354

Visit us at [www.osiinternational.com](http://www.osiinternational.com)

