



# 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
<b>Intermodulation Rejection</b> per EIA-603, part 4.1.9	≥-67	≥-70	≥-62
<b>Adjacent Channel Selectivity</b> per EIA-603, part 4.1.6	≥-64	≥-80	≥-55
<b>Spurious Response &amp; Image Rejection (dBm)</b> per EIA-603, part 4.1.8	≥-80	≥-80	≥-75
<b>Frequency spread allowable</b> 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<sup>1</sup> VHF Low Band, 33-50 MHz

I-H<sup>1</sup> VHF High Band, 151-174 MHz

I-U<sup>1</sup> 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

<sup>1</sup>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 (approximately, 55d BA)



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