



# 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
- Federal Signal ISO9001 Quality Assurance

"Warning the World"

The Federal Signal Informer is a high end radio receiver designed specifically to assist emergency managers in alerting the general population in the event of an emergency and delivering audible instructions.

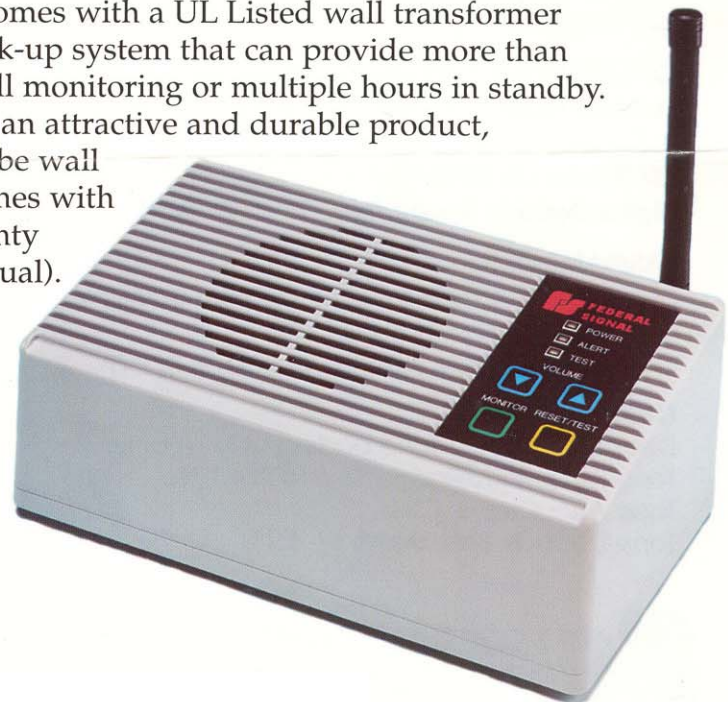
This receiver is designed to stringent specifications making it a clear performance leader.

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).



## 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

Unsquelled: ≥ -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

### DRSO600 Option

Relay Output (optional):

SPST 8A @ 24 VDC, 8 A @ 115 VAC

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 Candella,  
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

<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



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