



INFORMER TONE-ALERT RADIO



> Features

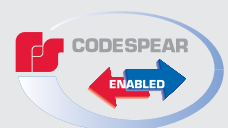
- Instant alert and notification for emergency situations
- Highly efficient 85 dB(C) 4" speaker for tone and voice
- DTMF and two-tone decoding – standard
- Windows-based software for easy programming
- Optional EAS/SAME or Federal Signal digital protocols
- Battery back-up

Alerting 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 VHF (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 that can be followed by a live 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 includes a UL Listed wall transformer and battery back-up system that will provide more than 1.5 hours of full monitoring or multiple hours in standby. Designed to be an attractive and durable product, the Informer is wall-mountable and comes with a one-year warranty (see owner's manual).



> Specifications

Order Information

I-L¹ VHF low band, 33-50 MHz
I-H¹ VHF high band, 151-174 MHz
I-U¹ 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
I-S2 Informer strobe light

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 dB(C)**

Rechargeable Battery

Type: Sealed lead acid
 Rating: 6v DC, 1.2 A/H
 Minimum life without AC power:
 6 Hours @ 25% run time, full volume

Dual Relay/600 Ohm Option

Dual relay output (optional):
 5a @ 30v DC
 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.

¹Dual 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. For narrow band models (12.5 KHz spacing), add "N" to the model number.

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 55 dB(C))

Specifications						
Frequency Range (MHz)	30-50		150-170		405-420/ 450-470	
	W	N	W	N	W	N
Wide/Narrow band:						
Intermodulation Rejection per EIA-603, part 4.1.9	>-70	>-70	>-75	>-75	>-70	>-70
Adjacent Channel Selectivity per EIA-603, part 4.1.6	>-75	>-70	>-75	>-70	>-70	>-65
Spurious Response & Image Rejection (dBm) per EIA-603, part 4.1.8	>-75	>-70	>-80	>-75	>-75	>-70

Physical Dimensions	
Height x Width x Depth	5" x 7" x 2-1/2" (10° incline)
Weight	4 lbs
Specifications	
Reference Sensitivity*	(12dB SINAD): < 0.35 microvolts
Hum and Noise*	
Squelched	> -57 dB(C)
Unsquashed	> -37 dB(C)
AC Wall Transformer (UL Listed)	
Input	108 to 128v AC, 60 Hz
Output	9v DC @ 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(C) Sinad
Optional Signaling Formats	
Federal Signal (MSK) Digital Option	1200,N,8,1 Synchronous,1200 Hz mark tone, 1800Hz space tone
Digital Decode Sensitivity	<20 dB(C) Sinad
EAS/SAME Option	User programmable to any EAS event codes and up to three (3) location codes
EAS/SAME Decode Sensitivity	<20 dB(C) 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%



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 For more public safety information, visit federalsignal.com/publicsafety

