

Farenhyt



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by Honeywell

Emergency Communication System

Emergency Communication System with Fire Alarm Control Panel

IFP-100ECS

The IFP-100ECS is an intelligent analog/addressable fire alarm control panel combined with an Emergency Communication System (ECS). When the ECS features are enabled, they are integrated with the fire alarm and voice evacuation functions of the control panel. The IFP-100ECS panel and accessories provide features to meet the requirements for Mass Notification Systems as described in UL 2572.

The IFP-100ECS has four notification appliance circuits that can be programmed for notification outputs or auxiliary power. The FACP also has a built-in, dual-line digital fire communicator, Form C trouble relay, and two programmable Form C relays. The firmware has powerful features such as detector sensitivity, day/night thresholds, drift compensation, pre-trouble maintenance alert, and calibration trouble alert.

The IFP-100ECS supports a variety of devices, including RA-100 or RA-1000 remote annunciators, 5824 serial/parallel printer interface module (for printing system reports), 5496 or RPS-1000 intelligent power modules, and IDP or SD devices.

The IFP-100ECS system is scalable from 50 to 1000 watts using a distributed amplification scheme to provide the power to the appropriate areas for evacuation coverage.

Features

- 15 Recordable one minute messages that can be mapped to eight ECS buttons.
- Can select ECS message as priority over fire.
- Support of up to seven ECS-RCU's. The ECS-RCU meets the requirements for a LOC.
- Programmable trigger inputs from an external source, such as a Monaco system, to either the VCM, RVM or 5880. Up to eight inputs available on the 5880 module.
- Built-in support for up to 99 IDP detectors and 99 IDP modules or 127 SD devices.
- All the features of the IFP-100 Fire Alarm Control Panel combined with an emergency communication system.
- Support for up to eight ECS-50W's, ECS-125W's, or ECS-DUAL50W's (SBUS addressable amplifiers) for a maximum of 1000 watts per system.
- Single enclosure for both fire and emergency control system components.
- On-board supervised microphone.
- Up to 64 mappable speaker circuits using a combination of ECS-50W / 125W's and ECS-CE4's mappable to 40 buttons controlling selected output groups.
- Supports 25 Vrms or 70.7 Vrms speaker circuits using ECS-50W's.
- UL listed for 520Hz signaling with ECS-DUAL50W and compatible speakers.

Agency Listings



SIGNALING



**City of
New York**



IFP-100ECS

- Built-in RS-232 and USB interface for programming.
- All call and Non-Active Call buttons to quickly select all active or all the non-active output groups.

Installation

The IFP-100ECS can be surface or flush mounted.

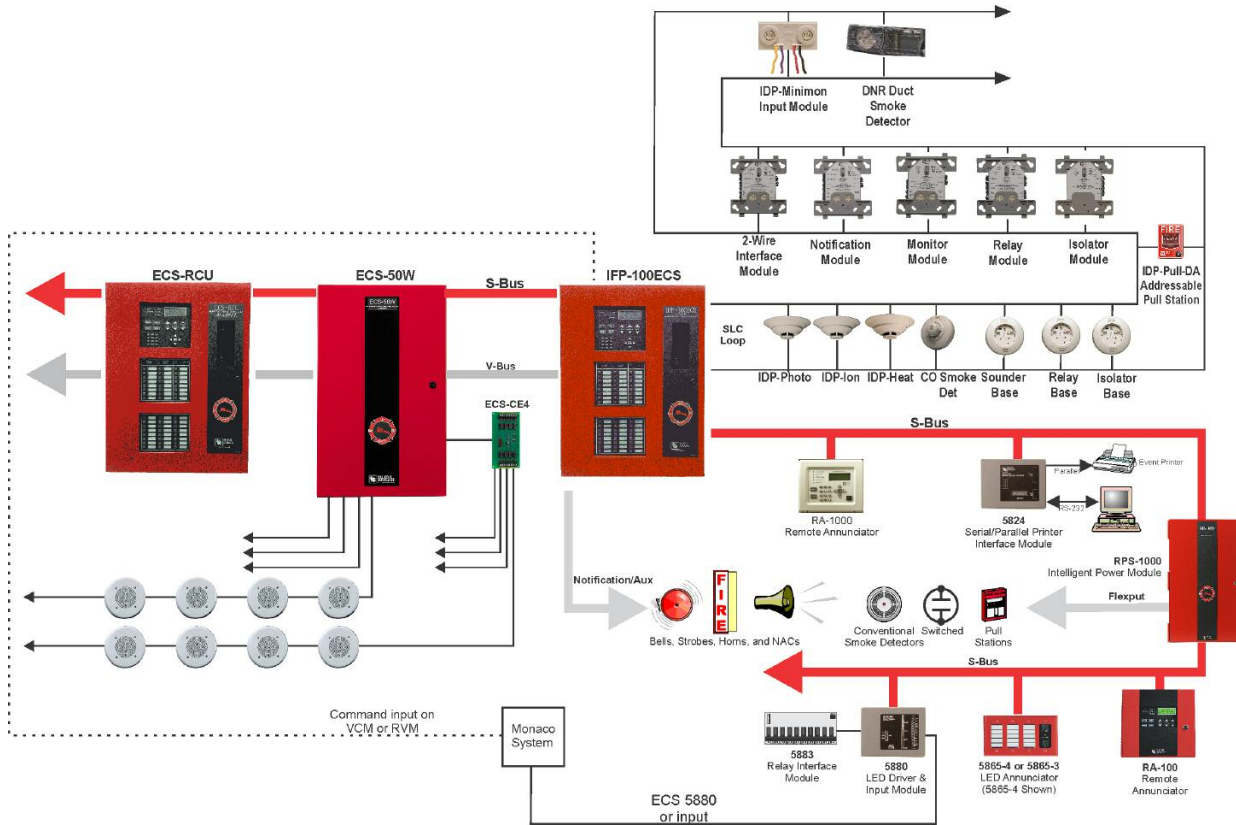
Compatibility

The IFP-100ECS is compatible with the following voice evacuation components:

- ECS-50W or VIP-50 - 50 watt amplifier
- ECS-125W or VIP-125 - 125 watt amplifier
- ECS-DUAL50W - 50/100 watt amplifier
- ECS-RVM - remote voice microphone
- ECS-SW24 - 24 switch expander
- ECS-VCM - voice control module (included)

P/N 350770 Rev G

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Specifications

Physical

Overall Dimensions: 20"W x 26 1/2"H x 4 13/16"D
Color: Red

Environmental

Operating Temperature: 32°F – 120°F (0°C – 49°C)
Humidity: 10% – 93% non-condensing

Electrical

Primary AC: 120 VAC @ 60 Hz, 2.5A or
240 VAC @ 50 Hz, 1.5A max.

Standby Current: 170 mA

Alarm Current: 365 mA

Battery Charging Capacity: 7 – 35 AH

Battery Size: 18 AH max allowed in cabinet. Use RBB accessory cabinet for larger batteries up to 35 AH per system.

Voice Integration Wiring: Six conductor
Two voice bus
Four SBUS

Compatible Devices

See the data sheets listed below for a complete listing of the IDP or SD devices.

350361 IDP Device Protocol data sheet

350360 SD Device Protocol data sheet

Approvals

NFPA 13, NFPA 15, NFPA 16, NFPA 70, & NFPA 72: Central Station; Remote Signalling; Local Protective Signalling Systems; Auxiliary Protected Premises Unit; & Water Deluge Releasing Service
UL listing; CSFM; COA; OSHPD (CA) OSP-0065-10

Ordering Information

IFP-100ECS FACP with Emergency Control System

ECS Accessories

ECS-50W or VIP-50	50 Watt Amplifier
ECS-125W or VIP-125	125 Watt Amplifier
ECS-DUAL50W	50/100 Watt Amplifier
ECS-RVM	Remote voice module
ECS-CE4	4 Circuit Audio Expander
ECS-SW24	24 Switch Expander
ECS-VCM	Voice Control Module
SK-SCK	Seismic Compliance Kit



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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact Silent Knight 12 Clintonville Road, Northford, CT 06472-1610 Phone: (800) 328-0103, Fax: (203) 484-7118. For Technical Support, Please call 800-446-6444.
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