

# Farenhyt



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KNIGHT**

by Honeywell

Emergency Communication System

## Emergency Communication System with Fire Alarm Control Panel

### IFP-2000ECS

The IFP-2000ECS 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-2000ECS panel and accessories provide features to meet the requirements for Mass Notification Systems as described in UL 2572.

The basic IFP-2000 panel contains one built in signaling line circuit (SLC), which can support 159 IDP sensors and 159 IDP modules or 127 SD devices per loop. Additional SLC loops can be added using the model 5815XL SLC expander to increase the overall point capacity to a maximum of 636 points per panel.

IFP-2000 has the interconnection capability for up to 16 panels. The system has two modes of operation, Multiple panels covering one larger building, or multiple independent buildings.

The IFP-2000ECS supports a variety of devices, including RA-2000 remote annunciator, 5824 serial/parallel printer interface module (for printing system reports), RPS-1000 intelligent power module, and IDP or SD devices.

### Features

- Can select ECS message as priority over fire.
- Support of up to 15 ECS-RCU2000's. The ECS-RCU2000 meets the requirements for an 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 159 IDP detectors and 159 IDP modules or 127 SD SLC devices.
- A network setup can contain up to 16 IFP-2000/ECS panels connected within a networked system providing a maximum point capacity of 10,176.
- All the features of the IFP-2000 Fire Alarm Control Panel combined with an Emergency Communication System.
- 15 Recordable one minute messages that can be mapped to eight ECS buttons.
- Support for up to 16 SBUS addressable amplifiers using a combination of ECS-50W, ECS-125W or ECS-DUAL50W for a maximum of 2000 watts per system and up to 128 mappable speaker circuits to 64 audio switches.
- Support for dual channel and backup audio using the ECS-DUAL50W amplifier.
- Supports up to 16 Amplifiers for up to 2000 watts per system max.
- Single enclosure for both fire and emergency control system components.

### Agency Listings



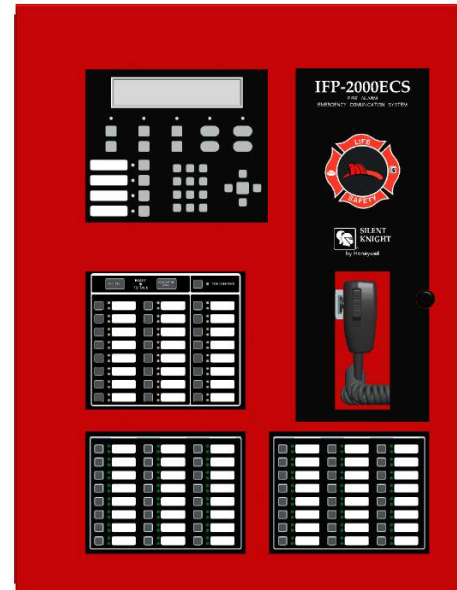
**SIGNALING**



**LISTED**

**COA**

**# 6122**



### IFP-2000ECS

- Built-in USB interface for programming.
- On-board supervised microphone.
- All Call and Non-Active Call buttons to quickly select all active or all the non-active output groups.
- Supports 25 Vrms or 70.7 Vrms speaker circuits using ECS-50W's and ECS-DUAL50W.
- Capable of producing 520 Hz tones to meet NFPA 72 Requirements.

### Installation

The IFP-2000ECS can be surface or flush mounted.

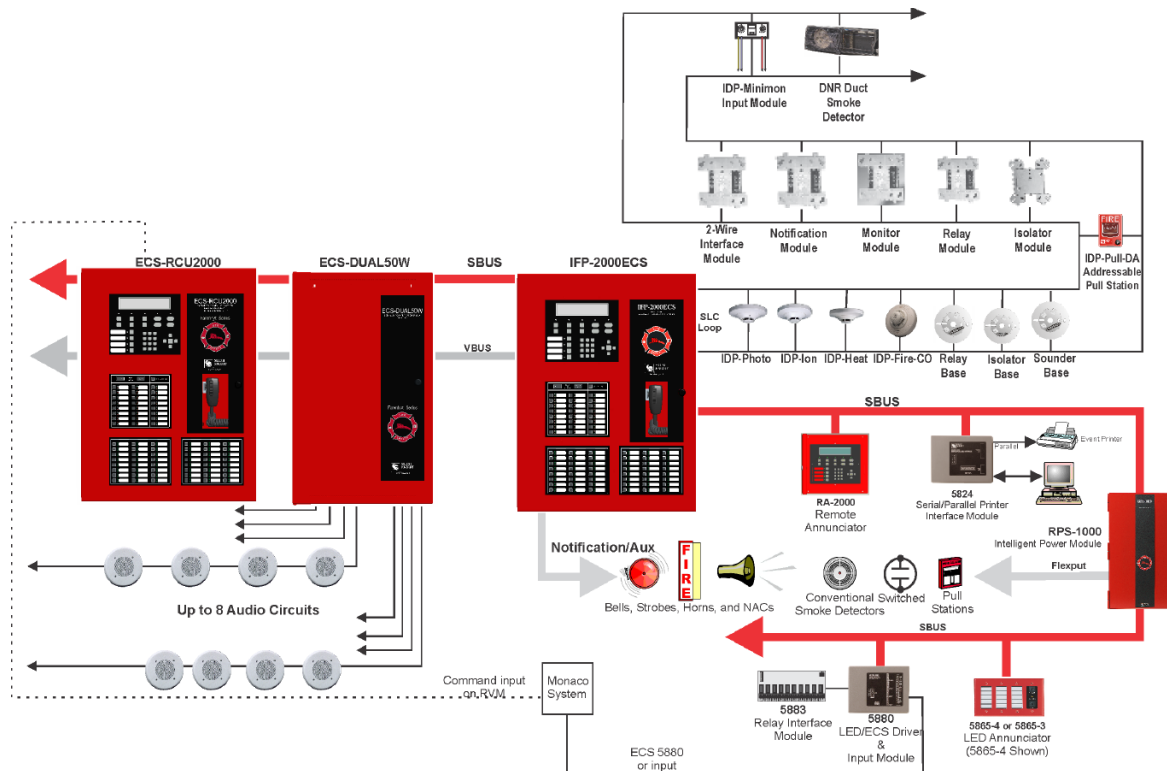
### Compatibility

The IFP-2000ECS is compatible with the following ECS components:

- ECS-50W, ECS-125W or ECS-DUAL-50W Amplifier
- ECS-RVM - Remote voice module
- ECS-SW24 - 24 switch expander (max 2)
- ECS-VCM - Voice Control Module (included)

P/N 350600 Rev E

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## Specifications

### Physical

Overall Dimensions:  
20.362" W x 27" H x 5.054" D

Color: Red

### Environmental

Operating Temperature: 32°F – 120°F (0°C – 49°C)

Humidity: 10% – 93% non-condensing

### Electrical

IFP-2000ECS Primary AC: 120 VAC @ 60 Hz, 2.5A

IFP-2000ECSHV Primary AC: 240 VAC @ 50 Hz, 1.25A

Total Accessory Load: 9A @ 27.4 VDC power-limited

Standby Current: 290 mA

Alarm Current: 570 mA

Battery Charging Capacity: 7 to 55 AH

Battery Size: 18 AH max. allowed in control panel cabinet.  
Larger capacity batteries can be housed in RBB accessory cabinet.

Six Conductor Wiring: Two voice bus & four SBUS

### Flexput Circuits

Eight circuits that can be programmed individually as:  
Notification Circuits: 3A per circuit @ 27.4 VDC, power limited

Auxiliary Power Circuits: 3A per circuit @ 27.4 VDC, power-limited.

Initiation Circuit: 100 mA per circuit @ 27.4 VDC, power-limited

## 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

Other Approvals:

UL Listing; CSFM; COA; OSHPD (CA) OSP-0065-10

### 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

## Ordering Information

IFP-2000ECS Emergency Communication System with FACP

### ECS Accessories

ECS-50W	50 Watt Amplifier
ECS-125W	125 Watt Amplifier
ECS-DUAL50W	50 Watt Dual Amplifier
ECS-50WBU	External Backup Amplifier
ECS-RVM	Remote voice module
ECS-SW24	24 Switch Expander
ECS-VCM	Voice Control Module
ECS-RCU2000	Remote Command Unit
ECS-RPU	Remote Paging Unit
VIP-TR	Panel Trim Ring to flush mount
SK-SCK	Seismic Compliance Kit



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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