

Farenhyt



**SILENT
KNIGHT**

by Honeywell

Voice Evacuation

Intelligent 125 Watt Amplifier

ECS-125W

The ECS-125W is an intelligent 125 watt amplifier for use with the IFP-100ECS, IFP-1000ECS and IFP-2000ECS. The ECS-125W is used to amplify the audio message for distribution throughout the facility. Since it is designed as a self-contained distributed amplifier it can be conveniently located near the area of protection to reduce wiring demands.

Each ECS-125W is capable of producing 125-watts of audio power. Up to eight ECS-125Ws can be used on the voice evacuation system. The ECS-125W has its own power supply with battery backup and four speaker circuits which can be expanded to eight speaker circuits with the optional ECS-CE4. The ECS-125W is fully supervised by the main panel for trouble conditions.

Features

- SBUS addressable, up to eight ECS-125Ws per system for a total of 1000 watts
- Each ECS-125W is supervised and has four onboard audio circuits expandable to eight with the ECS-CE4 for a system total of 64 audio circuits
- ECS-125W uses an easy to install wire harness to connect the ECS-CE4 audio circuit expander
- Can be mounted up to 6000 feet away from ECS-Series control panel
- The ECS-125W has it's own power supply and backup battery
- Six-wire connection to ECS system: Two-wires for the voice bus and four-wires for the SBUS connections
- 120 VAC or 240 VAC operation
- UL 864 and UL 2572
- CSFM 7300-0559:0173

Agency Listings



COA
6122



ECS-125W

Installation

The ECS-125W can be surface or flush mounted.

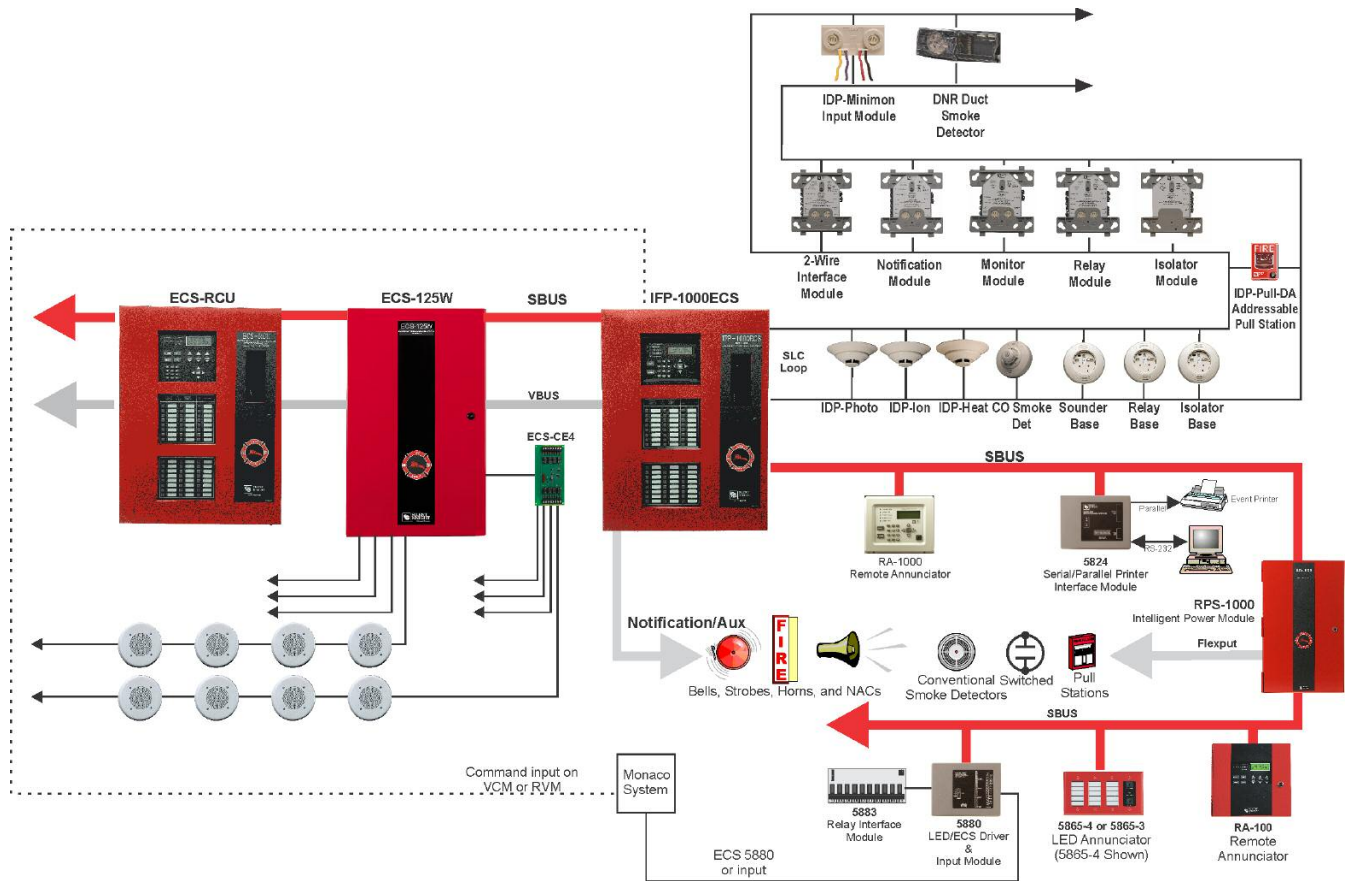
Compatibility

The ECS-125W is compatible with the following voice evacuation components:

- IFP-1000ECS Voice Integration Panel with Fire Alarm Control
- IFP-100ECS Voice Integration Panel with Fire Alarm Control
- IFP-2000ECS Voice Integration Panel with Fire Alarm Control

P/N 350772 Rev E

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Specifications

Physical

Flush Mount Dimensions:
14.5"W x 24.75"H x 3.4"D
(36.8 W x 62.9 H x 8.7 D cm)

Overall Dimensions:
16"W x 26.25"H x 4.1"D
(40.6 W x 66.7 H x 10.5 D cm)

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
240 VAC @ 50 Hz

Standby Current: 375 mA

Alarm Current: 700 mA

Total Power: 125 W @ 25 VRMS

- Circuit 1: 100 W max.
- Circuit 2-8: 50 W max.

Main ECS Panel SBUS Standby & Alarm: 10 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

Approvals

NFPA 13, NFPA 70, NFPA 72, UL 2572 UL 1711 & UL 864: Local Protective Signalling Systems

Other Approvals: UL Listing; CSFM, COA, OSHPD (CA) OSP-0065-10

Ordering Information

ECS-125W Intelligent 125 Watt Amplifier
ECS-125WHV Intelligent 125 Watt Amplifier @ 240 V

Accessories

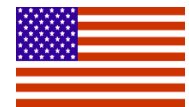
ECS-CE4 Adds four additional audio circuits to the ECS-125W.

RBB Remote Battery Box Accessory Cabinet. Use for backup batteries up to 35 AH.

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. www.farenhyt.com



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