

# EVS-125W

## Intelligent 125 Watt Amplifier

The EVS-125W is an amplifier compatible with the Silent Knight Emergency Communication System. The EVS-125W is used to amplify audio messages for distribution throughout entire facilities.

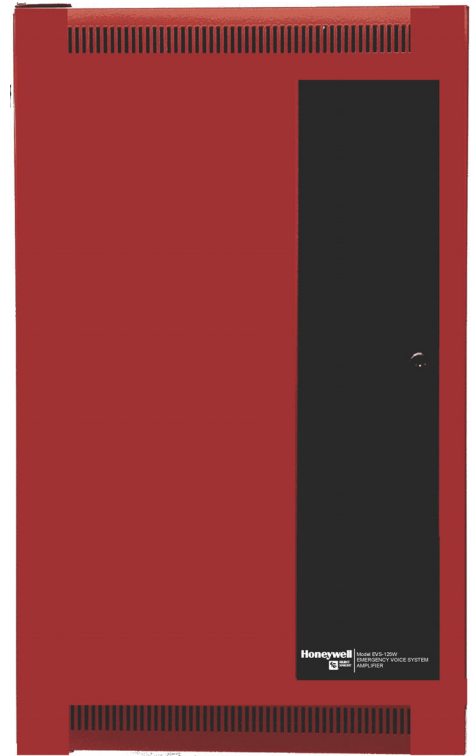
Since the EVS-125W is designed as a self-contained distributed amplifier, it can be conveniently located near the area of protection to reduce wiring demands. Each EVS-125W is capable of producing 125-watts of audio power. Up to four EVS-125W amplifiers can be used on the Emergency Communication System. The EVS-125W has its own power supply with battery backup and includes four speaker circuits which can be expanded to eight speaker circuits when used with the optional EVS-CE4. The EVS-125W is fully supervised by the main panel to identify the trouble conditions.

### INSTALLATION

The EVS-125W Series can be surface- or flush-mounted.

### COMPATIBILITY

The EVS-125W is compatible with the 6820EVS Addressable FACP with Emergency Voice System.



## FEATURES AND BENEFITS

- Complies with UL 864 10th Edition and UL 2572 2nd Edition Standards
- Meets NFPA 72 standards
- Provides SBUS addressable to support up to four EVS-125W amplifiers per system for a total of 500 watts
- Each EVS-125W amplifier is supervised and has four onboard audio circuits expandable to eight with the EVS-CE4 expander for a system total of 32 audio circuits
- Uses an easy-to-install wire harness to connect the EVS-CE4 audio circuit expander
- Extends remote installations up to 6,000 feet away from the EVS panel
- Includes its own power supply and backup battery
- Selectable for 25V or 70.7V operation
- Provides six-wire connection to the EVS System:
  - Two-wires for the voice bus connections
  - Four-wires for the SBUS connections
- Can be surface- or flush-mounted

**Honeywell**



# EVS-125W TECHNICAL SPECIFICATIONS

## PHYSICAL

### Flush Mount Dimensions:

14.05"W x 24.75"H x 3.04"D  
(36.08 W x 62.09 H x 8.07 D cm)

### Overall Dimensions:

16.0"W x 26.25"H x 4.01"D  
(40.06 W x 66.07 H x 10.05 D cm)

**Color:** Red

## ENVIRONMENTAL

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

**Humidity:** 10% to 93% relative humidity  
(non-condensing)

## ELECTRICAL

**Primary AC:** 120 VAC @ 60Hz

**Standby Current:** 375mA

**Alarm Current:** 700mA

**Total Power:** 125W @ 25VRMS

• Circuit 1: Rated at 100W each

• Circuit 2-8: Rated at 50W each

**EVS-CE4 Circuits 5-8:** Rated at 50W each

**Main ECS Panel SBUS:**

**Standby Current:** 10mA

**Alarm Current:** 10mA

**Battery Charging Capacity:** 7 – 35AH

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

**Voice Integration Wiring:**

- Six conductor
- Two voice bus
- Four SBUS

## ORDERING INFORMATION

**EVS-125W:** Intelligent 125W Amplifier, red

## ACCESSORIES

**EVS-CE4:** Adds four additional audio circuits to the EVS-125W

**RBB:** Remote Battery Box accessory cabinet. Use for backup batteries up to 35AH and batteries too large to fit into an EVS-50W cabinet.

## STANDARDS AND CODES

The EVS-125W Series complies with the following standards and codes.

- UL 864, 10th Edition: Standard for Control Units for Fire Alarm Systems
- UL 864, Local Protective Signaling Systems
- UL 2572, 2nd Edition: Standard for Mass Notification Systems
- UL 1711
- NFPA:
  - NFPA 13
  - NFPA 70
  - NFPA 72

Local Protective Signaling Systems  
Emergency Communication Systems

## AGENCY LISTINGS AND APPROVALS

- UL Listed: S2766
- CSFM Approved: 7165-0559:0500
- FDNY: Approved

Honeywell® and Silent Knight® are registered trademarks of Honeywell International, Inc.

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.

Country of origin: U.S.A.

## Honeywell Silent Knight

12 Clintonville Road  
Northford, CT 06472-1610  
203.484.7161  
www.silentknight.com

350606 | C | 04-22  
©2022 Honeywell International Inc.

