

Honeywell



EVS-125W

Intelligent 125 Watt Amplifier

The EVS-125W is an intelligent 125 watt amplifier for use with the 5820XL-EVS or 6820EVS. The EVS-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..

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

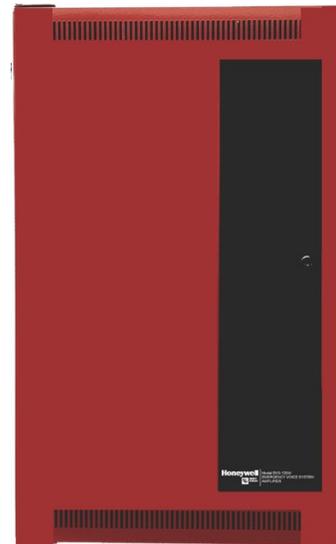
INSTALLATION

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

COMPATIBILITY

The EVS-125W is compatible with the following Honeywell Silent Knight Series FACPs:

- 6820EVS: Addressable fire alarm control panel with an emergency voice system, up to 1,110 addressable points, and four programmable buttons that can be programmed for routine or complex tasks
- 5820XL-EVS: Addressable fire alarm control panel with an emergency voice systems and up to 792 addressable points



EVS-125W

FEATURES & BENEFITS

- SBUS addressable, up to four EVS-125w per system.
- Each EVS-125W is supervised and has four onboard audio circuits expandable to eight with the EVS-CE4
- EVS-125W uses an easy to install wire harness to connect the ECS-CE4 audio circuit expander
- The EVS-125W has it's own power supply and backup battery
- Six-wire connection to EVS 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

EVS-125W Technical 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)Electrical

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 EVS Panel SBUS Standby & Alarm: 10mA

Battery Charging Capacity: 7 – 35AH

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

Voice Integration Wiring:

- Six conductor
- Two voice bus
- Four SBUS

ENVIRONMENTAL

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

Humidity: 10% – 93% non-condensing

ORDERING INFORMATION

EVS-125W: Intelligent 125 Watt Amplifier

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.

AB55: Remote Battery Box Accessory Cabinet Use for back batteries up to 55AH and too large to fit into EVS-125W Cabinet

AGENCY LISTINGS AND APPROVALS

UL 864 and UL 2572

Meets the requirements for NFPA 72 Local Protective Signaling Systems & Emergency Communication Systems.

CSFM: 7165-0559:0500

For a complete listing of all compliance approvals and certifications, please visit www.silentknight.com.

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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 Technical Support, Please call 800-446-6444.

For more information

Learn more about Honeywell Silent Knight and other products by visiting www.silentknight.com

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