

FIK-125W / FIK-125WHV

Intelligent 125 Watt Amplifier

The FIK-125W is an intelligent 125 watt amplifier used to amplify audio messages 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 FIK-125W is capable of producing 125 watts of audio power. Up to eight FIK-125W's can be used on the voice evacuation system.

The FIK-125W has its own power supply with battery backup and four-speaker circuits, which can be expanded to eight speaker circuits with the optional FIK-CE4. The FIK-125W is fully supervised by the main panel for trouble conditions.

COMPATIBILITY

The FIK-125W is compatible with the following voice evacuation panels:

- FCP-300ECS
- FCP-2100ECS
- FCP-2100ECSHV

FEATURES

- SBUS addressable, up to eight FIK-125W per system for a total of 1000 watts
- Each FIK-125W is supervised and has four onboard audio circuits expandable to eight with the FIK-CE4 for a system total of 64 audio circuits
- FIK-125W uses an easy to install wire harness to connect the FIK-CE4 audio circuit expander
- Can be mounted up to 6000 feet (1,828 m) away from the FIK FCP series panel
- FIK-125W has its own power supply and battery backup
- Six-wire connection to ECS system: Two wires for the voice bus and four wires for the SBUS connections
- UL 864 and UL 2572
- FIK-125W can be surface or flush-mounted
- 120 VAC or 240 VAC operation



AGENCY LISTINGS AND APPROVALS

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

- UL Listed
- Factory Mutual Approved
- CSFM

For exact certification listings, please reference the respective agency website.

SPECIFICATIONS

Physical	
Flush Mount Dimensions (WxHxD):	14.5" x 24.75" x 3.4" (36.8 cm x 62.9 cm x 8.7 cm)
Overall Dimensions (WxHxD):	16" x 26.25" x 4.1" (40.6 cm x 66.7 cm x 10.5 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:	FIK-125W, 120 VAC @ 60 Hz FIK-125WHV, 240 VAC @ 50 Hz
Standby Current:	FIK-125W, 25V, 300 mA FIK-125WHV, 25V, 250 mA
Alarm Current: (fully loaded system)	FIK-125W, 25V, 2200 mA FIK-125WHV, 25V, 1250 mA
Total Power:	Circuit 1: 100 W maximum Circuit 2-8: 50 W maximum
Main ECS Panel SBUS:	10 mA standby and alarm
Battery Charging Capacity:	7 – 35 AH
Battery Size:	18 AH max in-cabinet. Use RBB accessory cabinet for batteries up to 35AH. Use AB-55 accessory cabinet for batteries up to 55AH.
Voice Integration Wiring:	Six conductors (two voice bus and four SBUS)

ORDERING INFORMATION

Part Number	Description
FIK-125W	Intelligent 125 watt amplifier, 120 VAC
FIK-125WHV	Intelligent 125 watt amplifier, 240 VAC
Accessories	
FIK-CE4	Audio circuit expander
RBB	Remote battery box accessory cabinet (up to 35 AH batteries)
AB-55	Remote battery box accessory cabinet (up to 55 AH batteries)
SK-SCK	Seismic compliance kit