



SILENT KNIGHT

by Honeywell

ECS-VCM Voice Control Module Installation Instructions

The ECS-VCM Voice Control Module is contained within the Silent Knight ECS Series panel enclosure. It provides a supervised microphone for live communication and an interface for the Emergency Communication System.

Note: Installation and wiring of this device must be done in accordance with NFPA 72 and local ordinances.

Compatibility

The ECS-VCM is compatible with the Silent Knight IFP-2000ECS, IFP-1000ECS and IFP-100ECS FACP's. For programming and addressing, refer to Installation manuals for IFP-2000ECS (PN 151430-L8), IFP-1000ECS (PN 151460) or IFP-100ECS (PN 151458).

Board Layout & Mounting

1. Open the cabinet door and the dead front panel.
2. Remove AC power and disconnect the backup batteries from the main control panel.

Mount the ECS-VCM in the middle section of the dead front on the six mounting studs. See Figure 1.

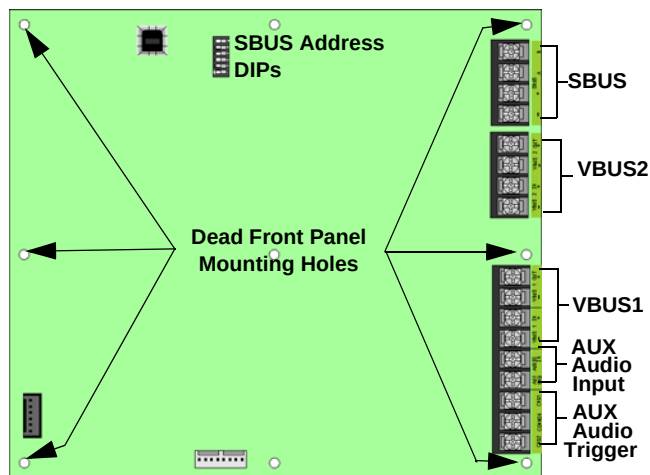


Figure 1: Back View of ECS-VCM

Specifications

Standby Current: 60 mA

Alarm Current: 80 mA

Wiring to a FACP

See Figure 2 to properly wire the ECS-VCM to the FACP SBUS.

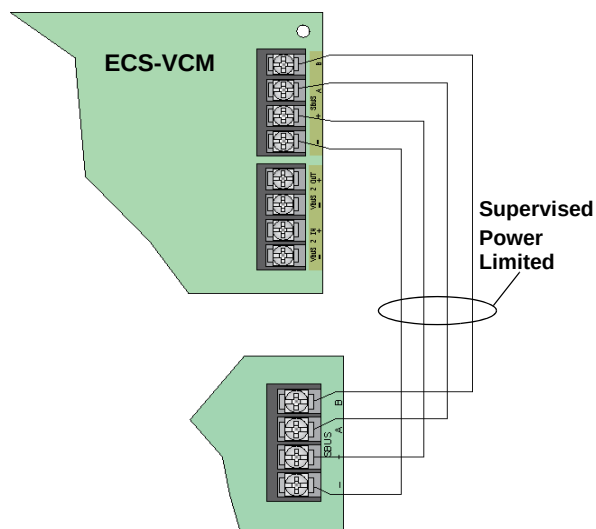


Figure 2: Wiring the ECS-VCM to the FACP

Installing the Microphone

To install the microphone:

1. Clip the microphone into the microphone clip. See Figure 3.

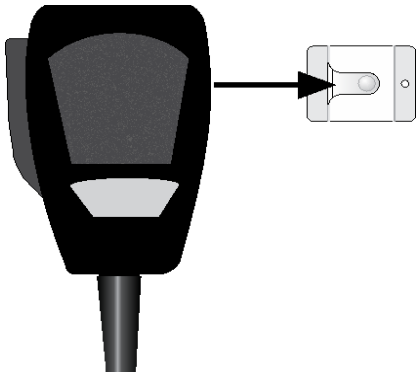


Figure 3: Sliding Microphone into Microphone Clip

2. Insert microphone cord through hole at the bottom of the dead front panel. See Figure 4.

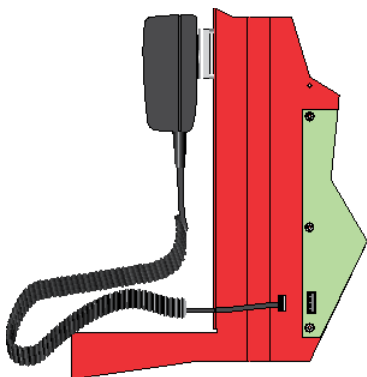


Figure 4: Microphone Cord Inserted Through Dead Front Panel Hole

3. Attach strain relief clip to microphone cord. The strain relief clip should have about 2¾" of microphone cord through it.

See Figure 5.

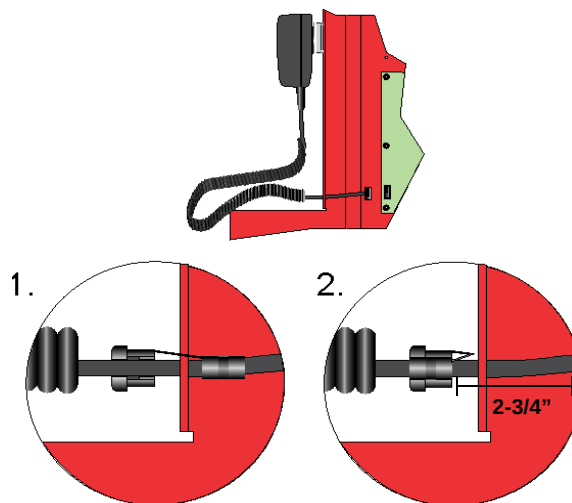


Figure 5: Installing Strain Relief Clip

4. Push the strain into the hole in the dead front panel.
5. Restore AC power and reconnect the backup batteries.



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