SILENT KNIGHT

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EVS-RVM Remote Voice Module Installation Instructions

The EVS-RVM Remote Voice Module is contained within the EVS-RCU Remote Command Unit. It provides a supervised microphone for live communication and an interface for the Emergency Voice System.

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

Compatibility

The EVS-RVM is compatible with the IntelliKnight 5820XL-EVS. For programming and DIP switch settings, refer to Installation manual for 5820XL-EVS (PN LS10061-001SK-E).

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.
3. Mount the EVS-RVM in the middle section of the dead front on the six mounting studs. See Figure 1.
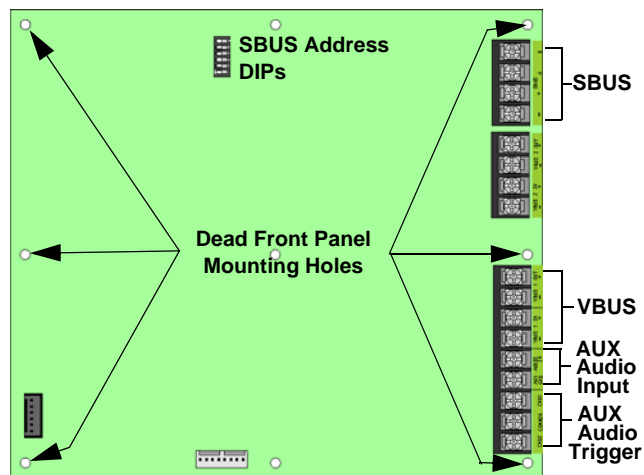

Figure 1: Back View of EVS-RVM

Specifications

Standby Current: 60 mA

Alarm Current: 80 mA

Wiring to a FACP

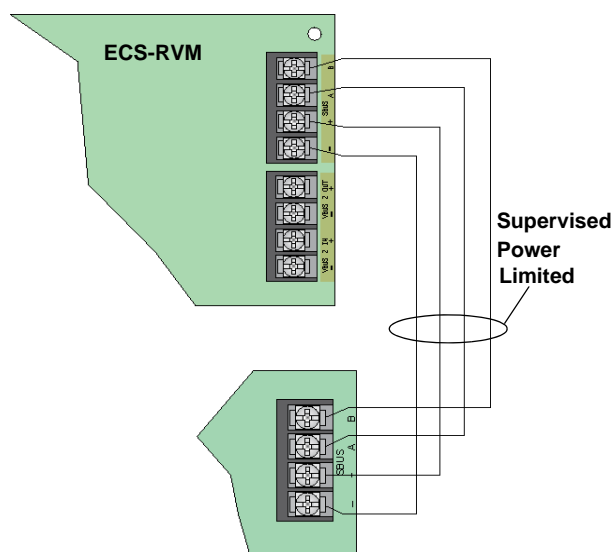See Figure 2 to properly wire the EVS-RVM to the FACP SBUS.

Figure 2: Wiring the EVS-RVM to the FACP

Installing the Microphone

To install the microphone:

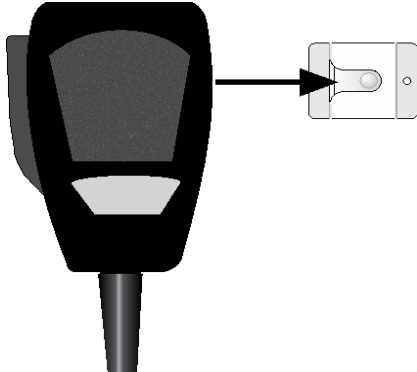1. Clip the microphone into the microphone clip. See Figure 3.

Figure 3: Sliding Microphone into Microphone Clip

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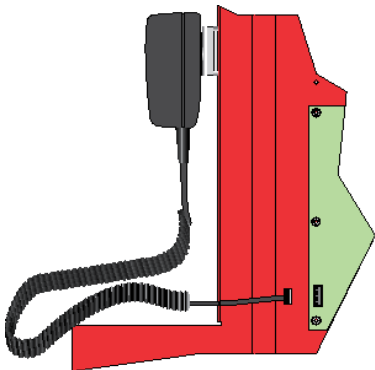

Figure 4: Microphone Cord Inserted Through Dead Front Panel Hole

3. Attach strain relief clip to microphone cord. The strain relief clip should have about 2¾" of microphone cord through it.
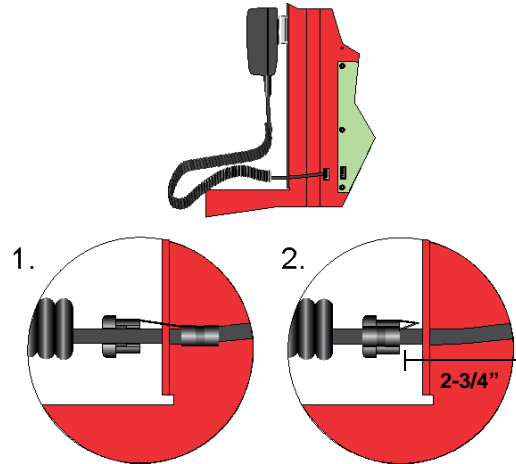
See Figure 5.

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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