SILENT KNIGHT
by Honeywell

# ECS-RVM Remote Voice Module Installation Instructions

The ECS-RVM Remote Voice Module is contained within the ECS-RCU Remote Command Unit. 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-RVM is compatible with the Silent Knight IFP-2000ECS, IFP-1000ECS and IFP-100ECS FACPs. For programming and DIP switch settings, refer to Installation manuals for IFP-2000ECS (PN 151430-L8), IFP-1000ECS (PN 151460) and 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.
3. Mount the ECS-RVM in the middle section of the dead front on the six mounting studs. See Figure 1.

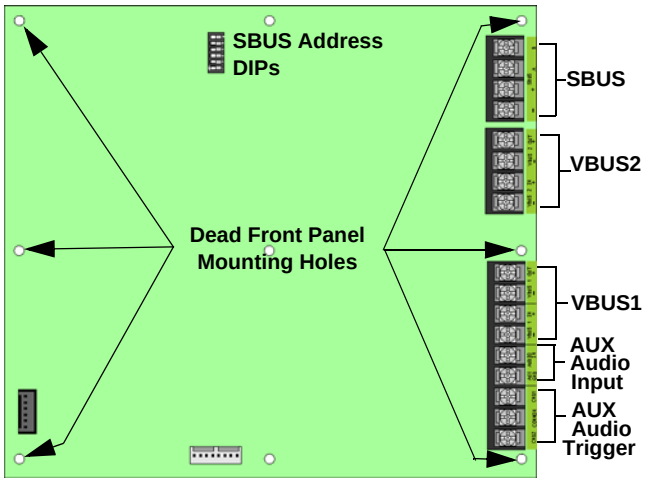



**Figure 1: Back View of ECS-RVM**

## Specifications

Standby Current: 60 mA

Alarm Current: 80 mA

## Wiring to a FACP

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

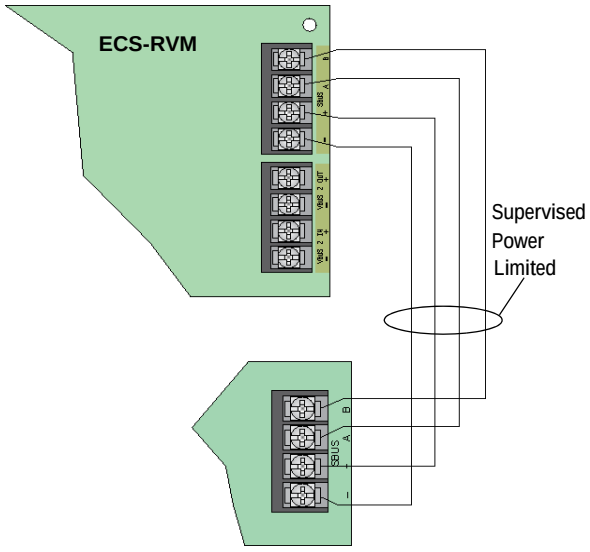



**Figure 2: Wiring the ECS-RVM to the FACP**

*P/N 151451 Rev B*
*ECN: 12-0880*

## Installing the Microphone

**To install the microphone:**

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

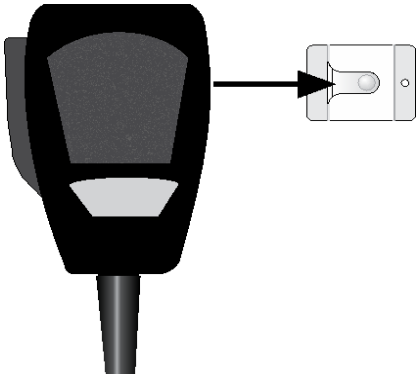


**Figure 3: Sliding Microphone into Microphone Clip**

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

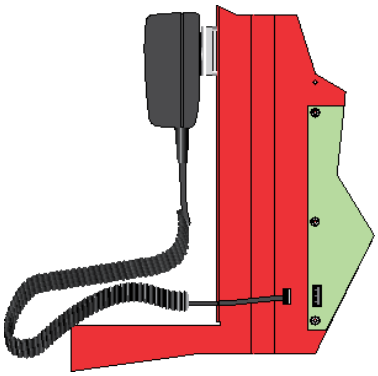


**Figure 4: Microphone Cord Inserted Through Dead Front Panel Hole**

3. Attach strain relief clip to microphone cord. The strain relief clip should have about 2-¾” of microphone cord through it. See Figure 5.

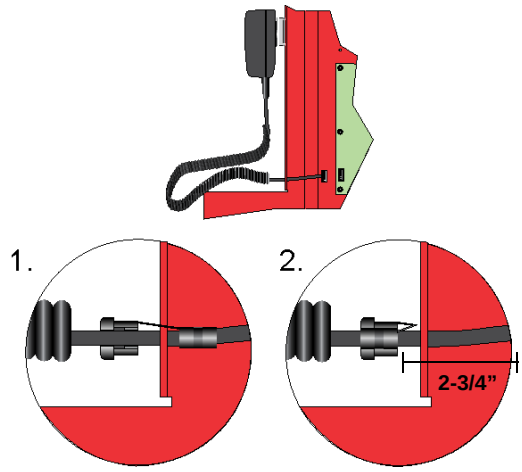



**Figure 5: Installing Strain Relief Clip**

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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