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FIK-RVM Remote Voice Module

PN LS10311-000FK-E:A 03/04/2021 ECN: 2890

1 Description

The FIK-RVM Remote Voice Module is contained within the FIK-LOC or FIK-2100LOC Local Operator Console. It provides a supervised microphone to be used for live communication and operates as an interface for the Emergency Communication System.

NOTE: The installation and wiring of this device must be done in accordance with the NFPA 72 and the local ordinances.

1.1 Compatibility

The FIK-RVM is compatible with the following Fike Series, Fire Alarm Control Panels (FACPs).

- FCP-2100ECS
- FCP-300ECS

For information on the programming, the DIP switch settings, the addressing and the wire connections, refer to following FACP Installation Manuals. The documents are located on the Fike Series website, www.fike.com.

Document	Document Part Number
FCP-2100ECS Manual	LS10143-002FK-E
FCP-300ECS Manual	LS10145-002FK-E

1.2 Specifications

The following list the specifications.

- Standby Current: 60mA
- Alarm Current: 80mA

2 Board Layout and Mounting

1. Open the cabinet door and the dead front panel.
2. Remove the AC power and disconnect the backup batteries from the Main Control Panel.
3. Mount the FIK-RVM in the middle section of the dead front on the six mounting studs. See Figure 1.1.

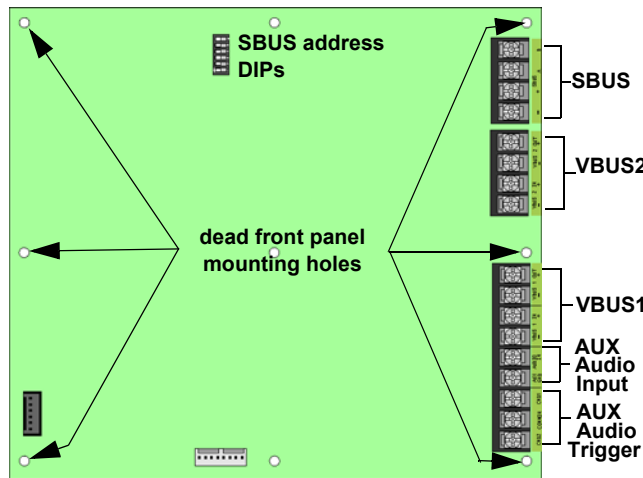


Figure 1.1 FIK-RVM Back View

3 Wiring to a FACP

To properly wire the FIK-RVM to the FACP SBUS, see Figure 1.2.

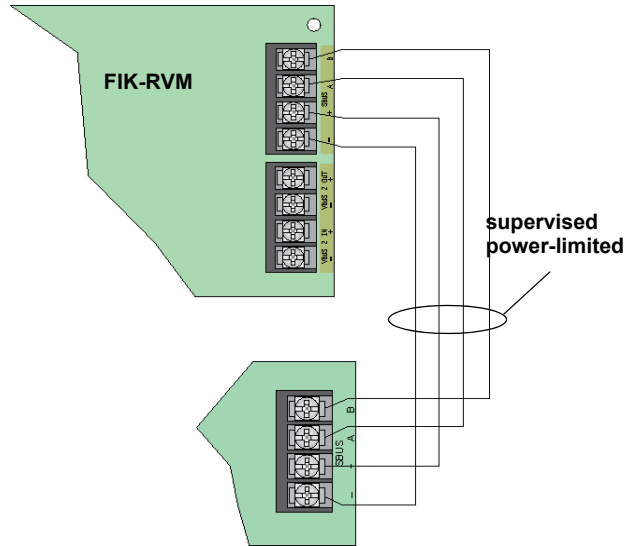


Figure 1.2 Wiring the FIK-RVM to the FACP

3.1 Microphone Installation

1. Clip the microphone into the microphone clip. See Figure 1.3.

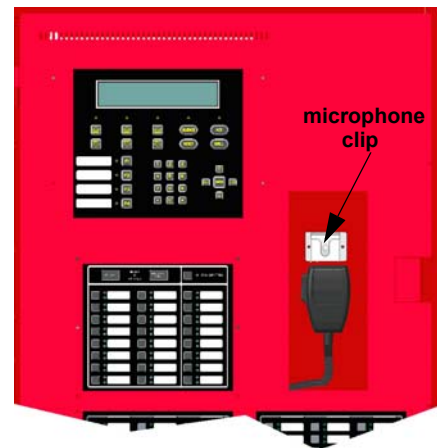


Figure 1.3 Hang Microphone into the Microphone Clip

2. Insert the microphone cord through the hole at the bottom of the dead front panel. See Figure 1.4.

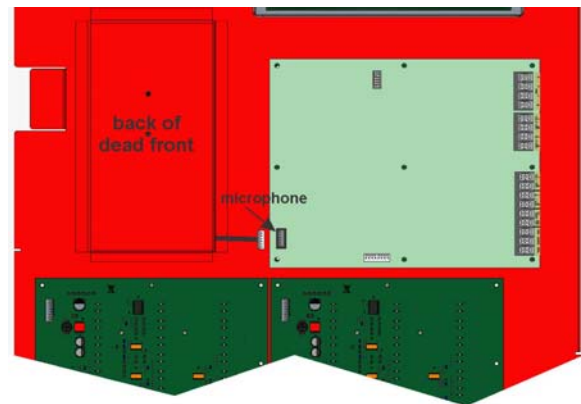


Figure 1.4 Microphone Cord Inserted Through the Dead Front Panel Hole

3. Attach the strain relief clip to the microphone cord. The strain relief clip should have about $2\frac{3}{4}$ " (6.98cm) of the microphone cord through it. See Figure 1.5.
4. Push the strain into the hole in the dead front panel.
5. Connect to the FIK-RVM board.
6. Restore the AC power and reconnect it to the backup batteries.

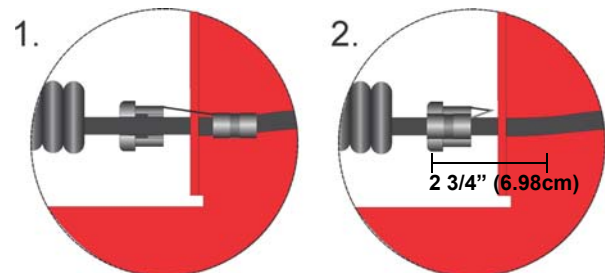


Figure 1.5 Strain Relief Clip Installation