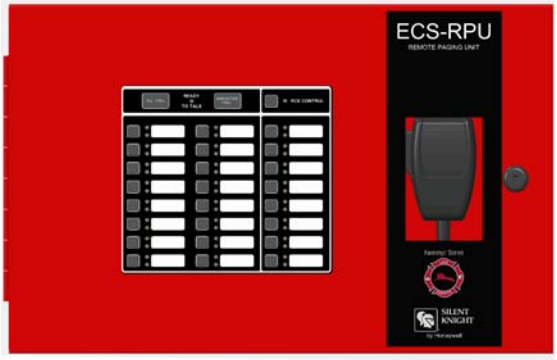
SILENT KNIGHT
by Honeywell

ECS-RPU Remote Paging Unit Installation Instructions

The ECS-RPU Remote Paging Unit provides a supervised microphone for live communication and an interface for the Emergency Communication System.

If the ECS-RPU is intended to be fully functional as an LOC, it requires the installation of an associated RA-100 (used with IFP-100ECS and IFP-1000ECS) or RA-2000 (used with IFP-2000ECS).

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



Compatibility

The ECS-RPU is compatible with the Silent Knight IFP-2000ECS, IFP-1000ECS and IFP-100ECS FACPs. For more information, refer to Installation manuals for IFP-2000ECS (PN 151430-L8), IFP-1000ECS (PN 151460) and IFP-100ECS (PN 151458).

Mounting the Cabinet

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

When mounting on interior walls, use appropriate screws such as #10 sheet rock or concrete screw to anchor into plaster. When mounting on concrete, especially when moisture is expected, attach a piece of ¾ inch plywood to the concrete surface and then attach the ECS-RPU to the plywood.

Surface Mounting

The cabinet can be mounted on the wall surface by using the mounting holes in the back of the cabinet.

1. Insert two screws level with each other, 12" apart for the top cabinet key shaped holes.
2. Hang the cabinet onto the two screws. Tighten the screws down.
3. Insert two screws into the two bottom mounting holes and tighten them snug to the cabinet. See Figure 1.

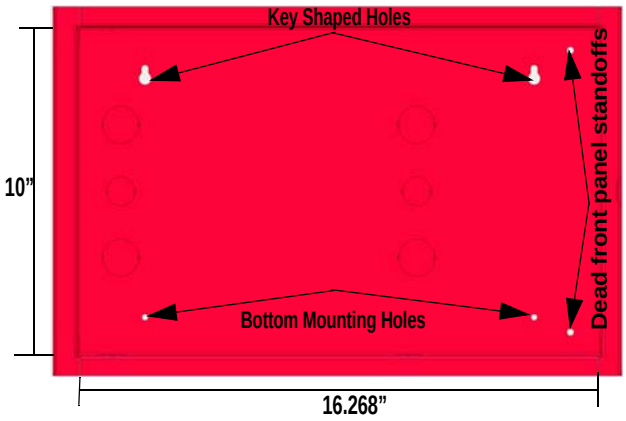


Figure 1: Cabinet Mounting Holes

Recessed Mounting

Follow these steps to recess mount the cabinet:

1. Remove the cabinet door and the dead panel front.
2. Cut a recess hole 16 3/8” W x 10” H. There should be 1.5" to 1.75" of cabinet extruding from the wall, this should be measured from either the top edge or bottom edge to the exterior side of the sheet rock.
3. Mount the cabinet to wall studs by inserting a screw through the cabinets side mounting holes into the wall stud.
4. Re-attach the cabinet door and dead front panel assembly.

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ECN: 15-0248

Accessing Board

When it is necessary to access the board, follow the below steps to open the dead front panel 180°.

1. Remove the 2 dead front panel screws near microphone.
2. Loosen the two dead front panel hinge plate nuts that are in the long slots.
3. Open the dead front panel 90 degrees and then pull the dead front forward. Tighten the two nuts. The dead front panel will be able to swing open 180°. See Figure 2

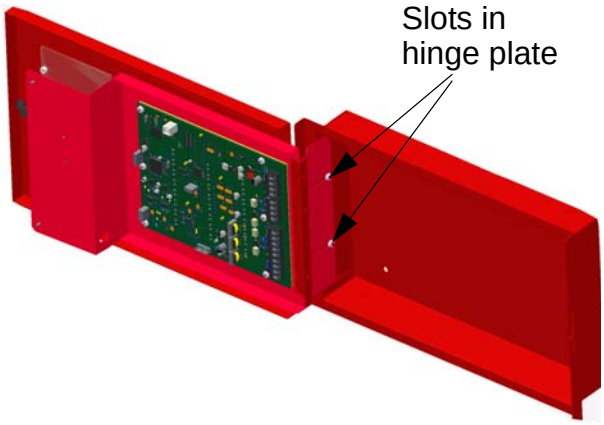


Figure 2: ECS-RPU Open 180°

Board Layout

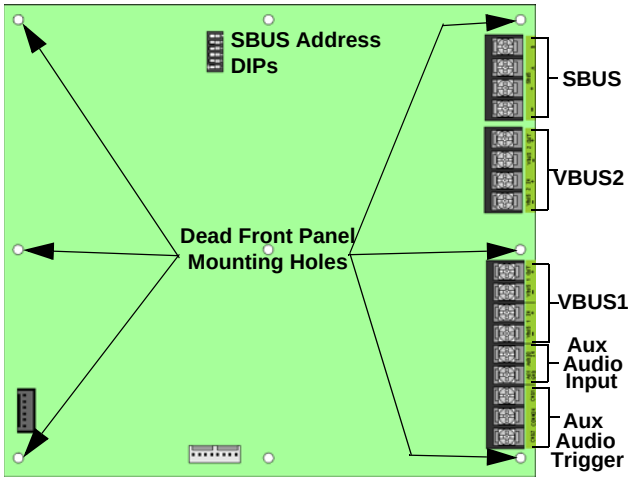


Figure 3: Back view of ECS-RPU board

Wiring to a FACP

See Figure 4 to properly wire the ECS-RPU to the FACP SBUS.

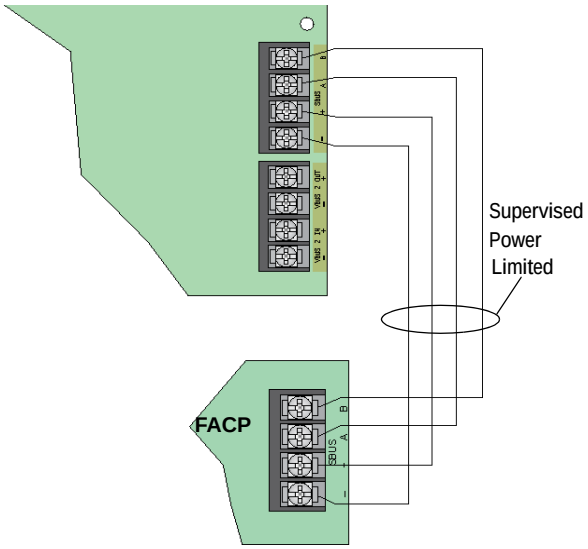


Figure 4: Wiring the to the FACP

Installing the Microphone

To install the microphone:

1. Clip the microphone into the microphone clip. See Figure 5.

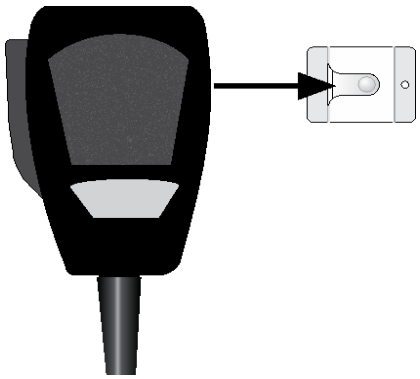


Figure 5: Sliding Microphone into Microphone Clip

2. Insert microphone cord through hole at the

bottom of the dead front panel. See Figure 6.

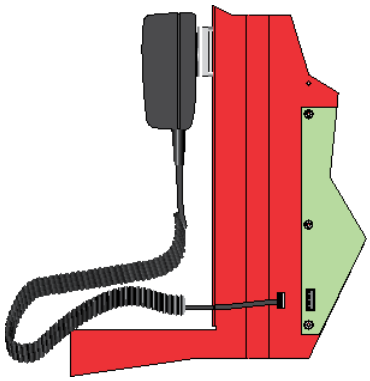


Figure 6: Microphone Cord Inserted Through Dead Front Panel Hole

3. Attach strain relief clip to microphone cord. The strain relief clip should have about 2¾" of microphone cord through it. See Figure 7.

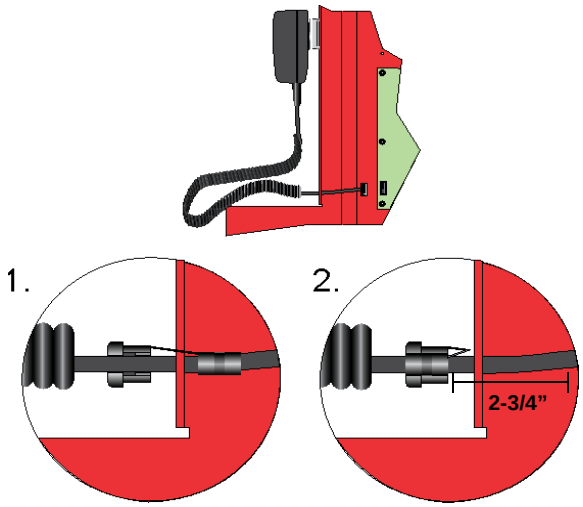


Figure 7: Installing Strain Relief Clip

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

Electrical Ratings

Standby Current: 70 mA

Alarm Current: 100 mA

Optional Accessory

THUMBLTCH - Turn latch lock (not intended for UL installations)

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