

12 Clintonville Road, Northford, CT 06472-1610 USA 203-484-7161 • FAX 203-484-7118 • www.silentknight.com

# **EVS-LOC Local Operator Console Product Installation Document**

PN LS10189-001SK-E:A 07/01/2017 ECN 16-0218

### **EVS-LOC Local Operator Console**

The EVS-LOC Local Operator Console is a combination EVS-RVM Remote Voice Module and its associated 6860 annunciator which is compatible with the Emergency Voice System.

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

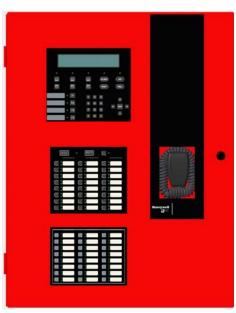


Figure 1: EVS-LOC cabinet

## Compatibility

The EVS-LOC is compatible with the Honeywell Silent Knight 5820XL-EVS or 6820EVS.

For more information refer to the FACP Installation manual.

## **Electrical Ratings**

Standby Current: 100 mA Alarm Current: 150 mA

## **Mounting the Cabinet**

1. Remove doors by sliding them over the two pins in the hinge bracket of the base. The

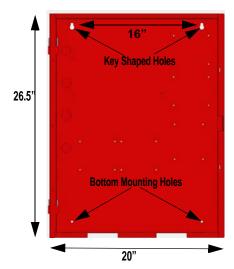
- outer hinge pins are for the door, the inner hinge pins are for the dead front. See Figure 3.
- Remove AC power and disconnect the backup batteries from the main control panel.

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 3/4" plywood to the concrete surface and then attach the EVS-LOC 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. Mark and predrill holes in the wall for the center top keyhole mounting bolts using the dimensions in Figure 2.
- 2. Place backbox over the top screws, level and secure.
- 3. Install remaining fasteners and tighten.



**Figure 2: Cabinet Mounting Holes** 

#### **Recessed Mounting**

Follow these steps to recess mount the cabinet:

 Cut a recess hole. There should be 1.5" to bottom edge to the exterior side of the

- 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.
- 2. Mount the cabinet to wall studs by inserting a screw through the cabinets side mounting holes into the wall stud.
- 3. To reinstall the doors, the top hinge should be aligned first, followed by the lower.

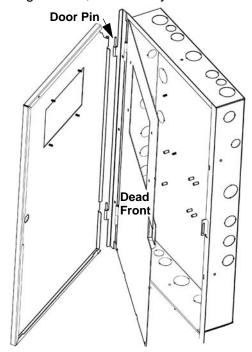


Figure 3: EVS-LOC Cabinet

## **Board Layout**

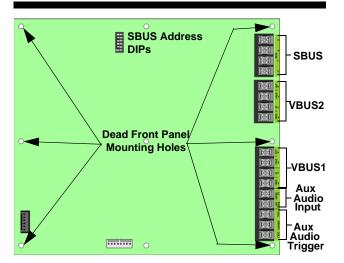


Figure 4: Back view of ECS-LOC board

#### Wiring to a FACP

See Figure 5 to properly wire the EVS-LOC to the FACP SBUS.

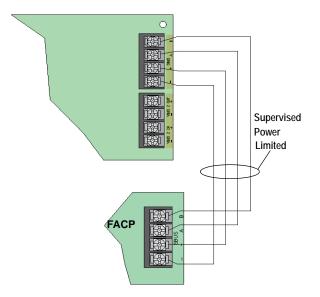


Figure 5: Wiring the to the FACP

## **Installing the Microphone**

#### To install the microphone:

1. Clip the microphone into the microphone clip. See Figure 6.



Figure 6: Hang Microphone into Microphone Clip

2. Insert microphone cord through hole at the bottom of the dead front panel. See Figure 7.

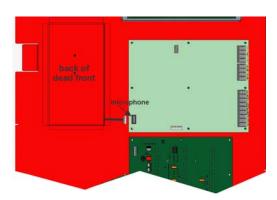


Figure 7: Microphone Cord Inserted Through Dead Front Panel Hole

3. Attach strain relief clip to microphone cord. The strain relief clip should have about 2¾" of microphone cord through it. See Figure 8.

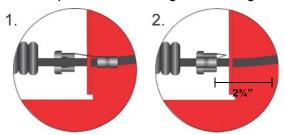


Figure 8: Installing Strain Relief Clip

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

## **Optional Accessory**

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

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