Honeywell
SILENT KNIGHT

EVS-RCU
Remote Command Unit
Product Installation Document

1 Description

The EVS-RCU Remote Command Unit is a combination EVS-RVM Remote Voice Module and its associated 6855 annunciator which is compatible with the Emergency Voice System.

1.1 Compatibility

The EVS-RCU is compatible with the Silent Knight 6820EVS and 5820XL-EVS panels. For more information, refer to the FACP or EVS Series manual.

2 Board Layout & Mounting

The EVS-RCU may be surface or flush-mounted. An optional trim ring, VIP-TR, is available for a more finished look.

2.1 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 pre-drill holes in the wall for the top keyhole mounting bolts using the dimensions illustrated in Figure 1.
2. Install top fasteners in the wall with the screw head protruding.
3. Place backbox over the top screws, level and secure.
4. Mark and drill the left and right lower mounting holes.
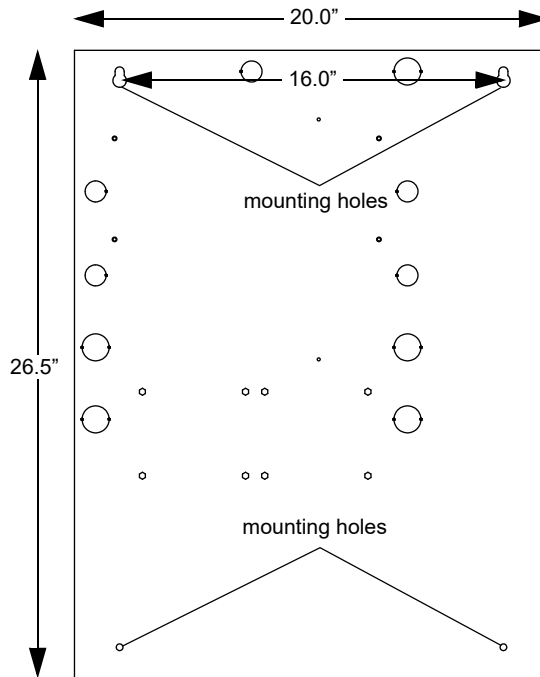5. Install remaining fasteners and tighten.

Figure 1 Cabinet Mounting Holes

2.2 Flush Mounting

To flush-mount the cabinet, the trim ring, VIP-TR (ordered separately), must be used.

1. Remove the cabinet door and the dead front panel.
2. Cut a recess hole in the wall. There must be 1.5" to 1.75" of cabinet extruding from the wall. This should be measured from either the top edge or bottom edge of the door face to the exterior side of the sheet rock. (See Figure 2.)
3. Mount the cabinet to wall studs by inserting a screw through the cabinets side mounting holes into the wall stud.
4. Place the trim ring around the cabinet. See Figure 3.
5. Secure the trim ring to the cabinet using the self-tapping sheet metal screws from the inside of the cabinet into the trim ring.
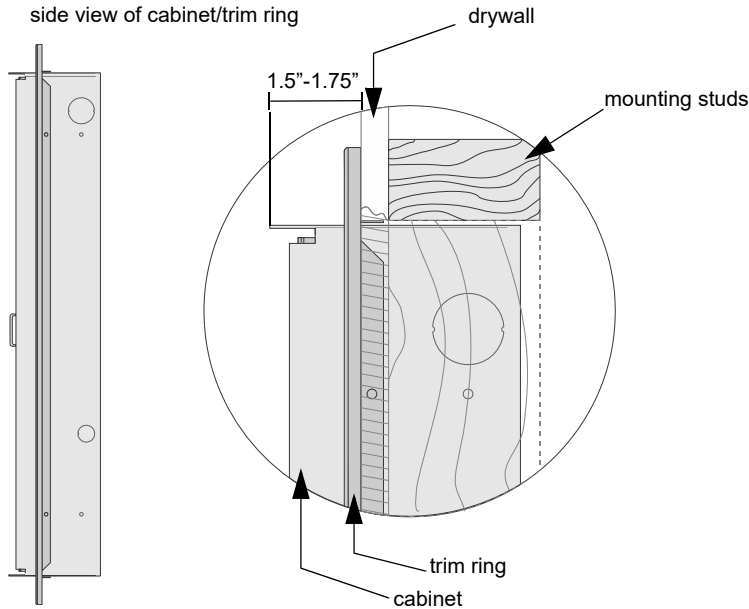6. Re-attach the cabinet door assembly.
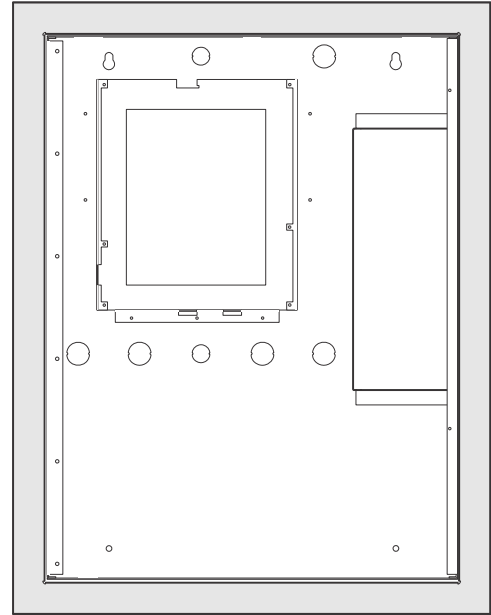
Figure 2 Detail of Flush Mounting with Trim Ring

Figure 3 Trim Ring Around Cabinet

2.3 Cabinet Door and Dead Front Removal

While installing the cabinet, it may be necessary to remove the cabinet door and the dead front panel.

1. Disconnect the SBUS connection between the EVS-RVM and the FACP.
2. Disconnect VBUS wiring from EVS-RVM.
3. Using a Phillips head screw driver, remove the six screws that hold the dead front panel in place. See Figure 4.
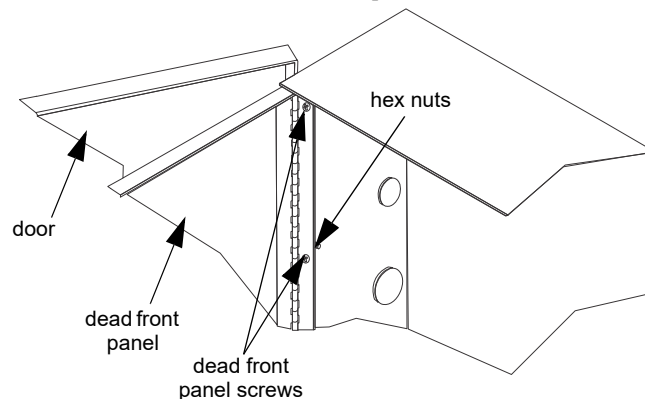4. Using a 1/4" hex drive, remove the six hex nuts that hold the cabinet door in place.

Figure 4 Cabinet Door and Dead Front Panel Removal

3 Wiring

For wiring information, refer to the EVS-RVM Installation Instructions PN LS10065-001SK-E and the EVS Series Manual P/N LS10062-001SK-E.

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