



Installation Instructions

Security Speaker/Mic with Call Switch

78-6911-2297-8

Purpose:

The Security Speaker/Mic with Call Switch is designed for surface applications where maximum protection from vandalism and theft is required. While the primary application is for drive-thru pickup window communications, the speaker/mic can also be used with any of the 3M intracoms for virtually any application, indoors or out.

Procedures:

Mounting the Housing:

1. Remove the two screws attaching the speaker/mic assembly to the housing and remove the speaker/mic assembly.
2. Drill three 1/4-inch holes through the housing as shown in Figure 1.

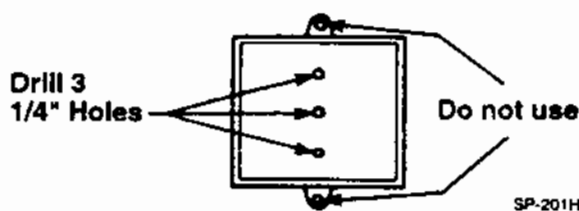


Figure 1.

3. If no cable hole exists in the mounting surface, drill a 1/4-inch cable hole at the desired location. Figure 2 shows a typical pickup window mullion.

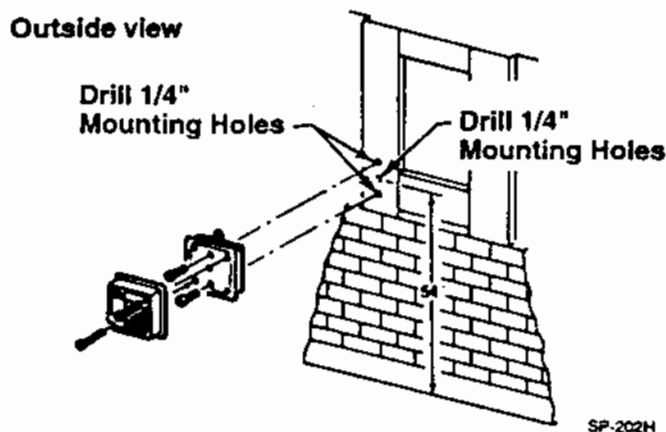


Figure 2.

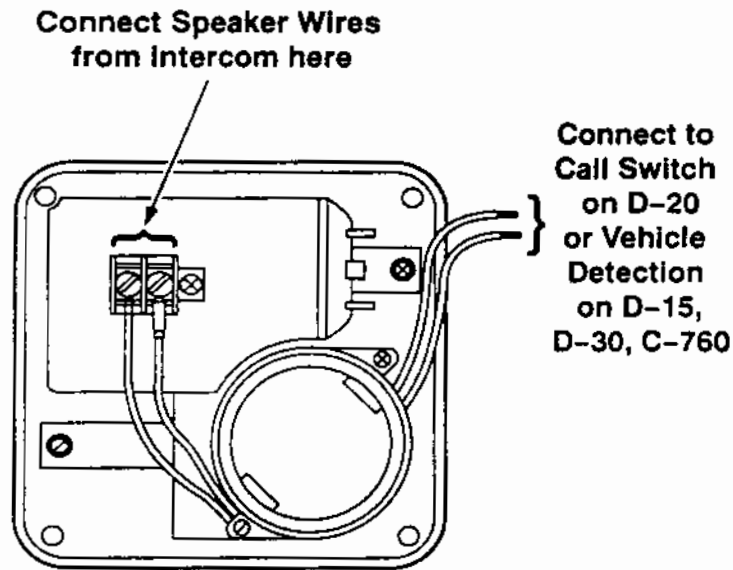
4. Center the housing over the cable hole and mark the mounting holes.
5. Drill two 1/4-inch mounting holes.
6. Attach the housing to the mullion with 10-32 x 3/4-inch screws and nuts. Refer to Figure 2.

Note

To prevent theft, do not use the external mounting tabs to mount the housing. Refer to Figure 1.

Connecting and Mounting the Speaker/Mic Assembly to the Housing:

1. Connect twisted pair cables (#20 AWG or heavier wires) to the CALL SWITCH and SPEAKER terminals at the Intracom.
2. Route the two cables from the Intracom through the cable (center) hole in the housing.
3. Using wire nuts, connect the wires from the CALL SWITCH/VEHICLE DETECT cable to the call switch wires at the speaker/mic assembly as shown in Figure 3.
4. Connect the wires from the SPEAKER cable to the speaker terminals at the speaker/mic assembly as shown in Figure 3.
5. Attach the speaker/mic assembly to the housing using the two screws removed previously.
6. To prevent theft, fill the screws slots with epoxy.



SP-200A

Figure 3.



Media InTouch
 3M Center, Building 551-1E-02
 St. Paul, MN 55144-1000

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