

**Electro-Voice®**

a MARK IV company

## Model SRB7 Sentry Rack/Wall Mounting Bracket

### DESCRIPTION

The SRB-7 Rack/Wall Mounting Bracket Kit consists of two aluminum brackets, four 1/4 x one inch long hex head lag screws, four 10-32x5/8-inch long hex socket flat head screws and four number 10 nylon finishing washers.

This kit is specifically designed for rack mounting or wall mounting the Electro-Voice Sentry® 100 monitor loudspeaker system. The SRB-7 may also be used for wall mounting other small or bookshelf size loudspeaker systems.

### RACK MOUNTING

Rack mounting the Sentry® 100 loudspeaker system may be desirable in studio or other environments where wall space is at a premium or unavailable such as small editing booths, production/control rooms and mobile facilities.

The SRB-7 kit provides the necessary hardware for mounting the Sentry 100 system in 12-1/4 inches of vertical space in a standard 19-inch wide electronic equipment rack. **All mounting procedures may be performed from the front of the equipment rack. This means that the loudspeaker system may be easily mounted in racks that have limited or no rear access.**

Mounting the Sentry 100 consists of properly affixing the two brackets to the small (12-inch) sides of the loudspeaker system using the four one-inch long lag screws and then mounting the assembly into the equip-

ment rack using the 5/8-inch long flat head screws plus finishing washers. Figure 1 indicates the manner in which the brackets are attached to the system. It is important to affix the appropriate bracket of the pair to the correct side of the Sentry 100. This is done by selecting the brackets so that the two angled slots for the lag screws have their open ends facing what will be the system's top when it is mounted in the rack. The brackets may be used as templates for locating the position of the 1/8-inch diameter pilot holes drilled through the cabinet wall for the lag screws. **Note:** it is recommended that the rack attachment "wings" on the brackets be located immediately in back of the beveled cabinet front edge and that the lag screws be located at the bottom of the two angled slots cut in the bracket for them.

### WALL MOUNTING — SYSTEM NOT ANGLED

It is possible to wall mount the Sentry 100 (or other small systems) in either a horizontal or vertical position by utilizing the brackets in conjunction with suitable wall fasteners supplied by the user.

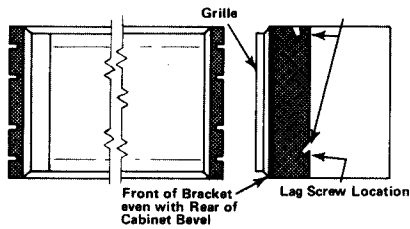
The basic wall mounting methods are as follows.

1. Vertical mount with bracket wings outboard (see Figure 2).
2. Vertical mount with bracket wings inboard (see Figure 3).
3. Horizontal mount with bracket wings outboard.

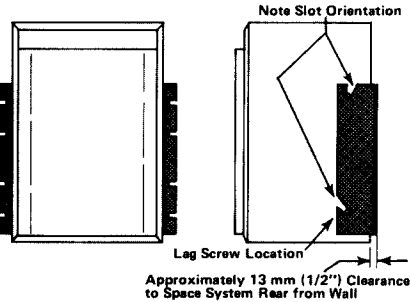
4. Horizontal mount with bracket wings inboard.

If it is anticipated that angling the system away from the wall may be desired at a future date, consult the section WALL MOUNTING — SYSTEM ANGLED for special instructions on lag screw locations.

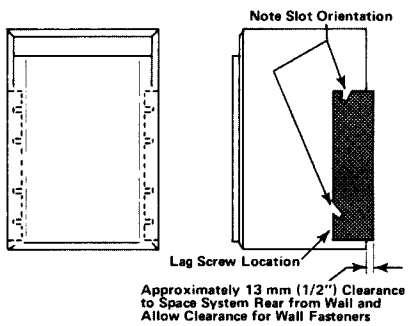
All mounting methods involve using the bracket as a template for locating the 1/8-inch diameter lag screw pilot holes used to affix the brackets to the Sentry 100. It is important to attach the appropriate bracket of the pair to the correct side of the system. This is done by selecting the brackets so that the two angled slots for the lag screws have their open ends facing what will be the system's top when mounted. Figures 2 and 3 illustrate brackets attached for vertical system mounting. Horizontal mounting involves placing the brackets on the small sides of the Sentry 100 in a similar manner and is not illustrated. The outboard bracket wing arrangement (see Figure 2) simplifies the use of mounting hardware as all fasteners are readily accessible to the installer. The inboard bracket wing arrangement (see Figure 3) is somewhat more difficult to execute but is nearer in appearance. With all these methods, the loudspeaker system's rear surface should be located approximately 1/2 inch from the wall to avoid possible buzzing caused by wall contact and provide clearance for input leads. In the case of the inboard bracket wing arrangement, this wall spacing is also necessary to provide clearance for the screw



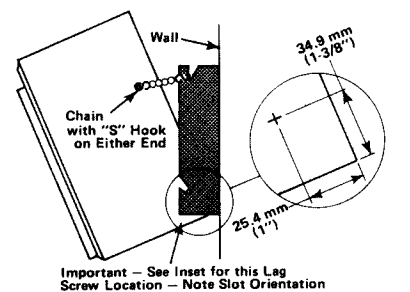
**FIGURE 1**  
**Bracket Locations for**  
**Rack Mounting Sentry® 100**



**FIGURE 2**  
**Vertical Wall Mount with**  
**Bracket Wings Outboard**



**FIGURE 3**  
**Vertical Wall Mount with**  
**Bracket Wings Inboard**



**FIGURE 4**  
**Angled Mount with**  
**System Vertical**

heads used to affix the brackets to the wall. If desired, the lag screws may be "backed off" a small amount after completing the installation. This will permit the Sentry 100 to be removed and re-inserted into the brackets as needed.

The fasteners required affix the bracket to the wall will need to be selected by the user to fit his particular installation. Long number 12 round head wood screws should be utilized when the Sentry 100 is to be mounted to relatively thick wall surfaces. Thin wood or dry wall panels may be fastened to by means of suitable "blind" fasteners such as screw anchors. An alternative method of dealing with thin or weak walls would be to attach a thick plywood or particle board support piece to adjacent joists and then screw the brackets to the support piece.

**WALL MOUNTING — SYSTEM ANGLED**

Any of the four wall mounting methods mentioned earlier may be further modified so as to permit angling the system away from the wall. Angling will permit a high mounted system to be pointed toward the listener. Figure 4 (showing an angled vertical mount) illustrates the basic method. In this case, care must be exercised in the location of the lower lag screw so as to permit the Sentry 100 to rotate around it without contacting the wall. Figure 4 shows an appropriate location for this screw relative to the bottom rear edge of the system. Once this screw location is established, the upper lag screw can be located as before by using the bracket as a template for drilling the 1/8-inch pilot holes. Brackets should be affixed so that the open end of the angled slot intended for the lag screw faces what will be the Sentry 100's top when it is mounted.

Suitable lengths of stout chain with "S" hooks on either end can be used to support the upper end of the system at an appropriate angle. One "S" hook would be affixed to the upper lag bolt and the other to the upper bracket slot. Care should be

exercised in affixing the "S" hooks, especially if the system can be accidentally bumped, so as to avoid the upper end of the system coming loose. One method of doing this would be to crimp the "S" hook around both the lag screw and bracket notch with pliers.

**WARRANTY (Limited)**

Electro-Voice Speakers and Speaker Systems (excluding active electronics) are guaranteed for five years from date of original purchase against malfunction due to defects in workmanship and materials. If such malfunction occurs, unit will be repaired or replaced (at our option) without charge for materials or labor if delivered prepaid to the proper Electro-Voice service facility. Unit will be returned prepaid. Warranty does not extend to finish, appearance items, burned coils, or malfunction due to abuse or operation under other than specified conditions, including cone and/or coil damage resulting from improperly designed enclosures, nor does it extend to incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you. Repair by other than Electro-Voice or its authorized service agencies will void this guarantee. A list of authorized warranty service agencies is available from Electro-Voice, Inc., 600 Cecil Street, Buchanan, MI 49107 (AC/616-695-6831); or Electro-Voice West, 8234 Doe Avenue, Visalia, CA 93291 (AC/209-651-7777). This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Service and repair address for this product: Electro-Voice, Inc., 600 Cecil Street, Buchanan, Michigan 49107.

Specifications subject to change without notice.



**ELECTRO-VOICE, INC., 600 Cecil Street, Buchanan, Michigan 49107**

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