**Installation Instructions**

**STEP 1** - For easier installation, remove the mounting base from the speaker by unscrewing the wing nut while at the same time pressing inwardly on the wing nut. Place the mounting base flush on the mounting surface and mark the location of the three holes with either a marker or chisel. It is important that the three holes be exactly aligned with the mounting base, otherwise you might stress the base or make the connection unsteady. Use appropriate hardware for your specific mounting surface.

**NOTE:** Speaker may also be strap-mounted through the slot in mounting base using standard 1/2-inch industrial strapping (not included).

**STEP 2** - After mounting the base, reattach the speaker and aim the speaker for the desired coverage angle. A 45° downward angle is recommended, but this may vary depending upon speaker layout. Unless otherwise indicated, do not aim speakers directly at each other or poor paging intelligibility may occur.

**STEP 3** - Remove the plastic cover to expose the connecting screws (see Figure 2). Strip the ends of the connecting wires about 1/4" and connect them to the terminals. The terminals are numbered to indicate phasing.

Provide cable strain relief by laying the cables within the recess on the casting and holding it tight with the plastic cover. The narrow recess is for zip or two-conductor cable; the wide recess is for shielded cable.

Connect wires as listed below:

<table>
<thead>
<tr>
<th>Amplifier Output</th>
<th>Speaker Connections</th>
</tr>
</thead>
<tbody>
<tr>
<td>70V, 25V, or 8 ohms</td>
<td>Terminal 1</td>
</tr>
<tr>
<td>COM</td>
<td>Terminal 2</td>
</tr>
</tbody>
</table>

**NOTE:** These are recommended connections. The speaker will also work perfectly well with these connections reversed, but be consistent in wiring connections.

**STEP 4** - Adjust the tap set control to the desired setting. See table (Figure 3 on next page) for tap settings and sound pressure levels for the different horn loudspeakers. Replace the plastic protective cover back over the exposed area.
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