Sunshade Assembly & Universal mounting kit
SSK-5 series & UN-MK-3 series

Net Safety has specially designed the SSK-5(SSK-5X) series sunshade assembly and the UN-MK-3(UN-MK-3X) series mounting bracket for the millennium transmitter and junction box enclosures. The UN-MK-3 series mounting bracket is to assist in firmly mounting housing enclosures in different configurations depending on installation needs. The 3 different types of UN-MK-3X are; the UN-M-31, UN-MK-32 and UN-MK-33. All three mounting brackets are similar, except for the size U bolt each uses. The UN-MK-31 comes with a 3/8 x 1” U bolt, the UN-MK-32 uses a 3/8 x 2” U bolt and the UN-MK-33 has a 3/8 x 3” U bolt.

Figure 1 Typical mounting of UN MK 3X with housing enclosure to a vertical pole

Steps in mounting UN-MK-3X to a vertical pole

⚠️ WARNING

Torque should be less than 2-4 ft. lbs when tightening nuts.

1. Position the UN-MK-3X with its ‘V’ slot making contact with the specific pole. See figures on next page.

2. Place U bolt around pole and fit to mounting bracket. Ensure U bolt threaded ends pass through two (13/32") slots on mounting bracket.

3. Fit screws, washers and nuts provided to the threaded ends of the U bolt. Ensure a tight fit with appropriate tools (9/16” open ended wrench, 9/16” socket).
Steps in mounting SSK-5X to a vertical pole

1. Assemble the sunshade kit; using screws, washers and nuts provided, fit the sunshade to its mounting bracket with the aid of appropriate tools (7/16 open ended wrench, 7/16” socket).

2. Position completed sunshade kit assembly above the transmitter (or junction box) enclosure. With U bolt in position around the pole, ensure its threaded ends pass through the (13/32") slots of mounting bracket. See Figure 3 below (orientation B).

3. Adjust the positioning of the assembly to cover housing enclosure. *Tighten with appropriate tools (9/16" open ended wrench, 9/16” socket).

Various mounting orientations are allowed when using the UN-MK-3 series mounting bracket and the SSK-3 series sunshade kit. The type of set up will depend on installation requirements. See Figure 3 below.

The sunshade assembly (SSK-5X) series is designed to provide shade for housing enclosures that are continuously exposed to direct sunlight, which may result in very high temperature exposure. The assembly comprises a sunshade and a mounting bracket. The three types of sunshade assembly available are: SSK-51, SSK-52 and SSK-53; the SSK-51 is used when mounting to a 1” pipe, the SSK-52 is for a 2” pipe and the SSK-53 is for a 3” pipe.

Figure 2 Typical mounting of the SSK-5X with UN-MK-3X to a vertical pole

4. Align housing enclosure mounting holes with the two (17/64") screw slots on the UN-MK-3. Position two ¼" screws in slots and with the aid of screws and appropriate tools (7/16” open ended wrench, 7/16” socket) ensure a *tight fit.

Figure 3 Various mounting orientations
Figure 3 Various mounting orientations

- A. Orientation with a horizontal pole
- B. Orientation with a vertical pole

Figure 4 UNMK-3X & SSK-5X dimensional drawing

Notes:
- Sizes can be 1, 3 and indicating use with 11/2” or 3” pipes.
Figure 5 UNMK-3X with SSK-5X parts list

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UNMK-3X MOUNTING BRACKET ASSEMBLY</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>SSK-5X SPLIT CONNECTOR ADAPTOR</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>UNMK-3X BRACKET</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>UNMK-3X MOUNTING BRACKET</td>
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<tr>
<td>5</td>
<td>SSK-5X SPLIT CONNECTOR</td>
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<td>6</td>
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<td>7</td>
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</tr>
<tr>
<td>8</td>
<td>SSK-5X SPLIT CONNECTOR</td>
<td>1</td>
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</table>

Note: X can be 1, 2 or 3 depending on use with 1", 2" or 3" pipe.