# **VLA SERIES**

### VLA-601/901STEP VLA 601-901 STEP BRACKET

The VLA-601/901STEP Bracket kit gives designers, contractors and audio consultants the ability to connect the VLA 901and the VLA601 loudspeaker together to create a continuous line array system with the two different size loudspeakers.

#### Installing speakers must be performed by experienced professionals. If

in doubt about the integrity of the structure you are mounting or suspending to or not sure about the proper hardware or method to use, consult a certified rigging company.

#### Package contents:

- 2 pcs Rear Step Channel
- 2 pcs Rear Link
- 4 pcs Hex bolt, 3/8-16x4", G8
- 8 pcs Flat washer, 3/8, SAE
- 4 pcs Nylock nut, 3/8-16, G8
- 4 pcs Flat head sckt screw, M10x1.5-40mm, 10.9
- 1 pc Instruction sheet

#### CAUTION: PLEASE READ CAREFULLY BEFORE PROCEEDING

Due to the wide variety of building structures, materials and suspension methods, the installing contractor/installer should exercise good judgment in selecting the proper mounting area and hardware. The structure where the system is suspended must be capable of supporting at least 5 times the actual load.

## Follow building code requirements to safely suspend the speakers to the building structure

#### Step 1.

Unscrew existing speaker rear screws and discard. If a Rear Channel strap is already install, remove Rear Channel Strap.

#### Step 2.

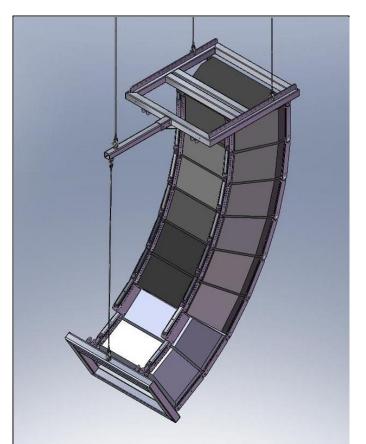
Install the Rear Step Channel to the rear of the VLA901speaker using the provided M10 flat head screws. Tighten permanently. Make sure that the single hole of the Rear Step Channel is on the lower side. (Figure 2)

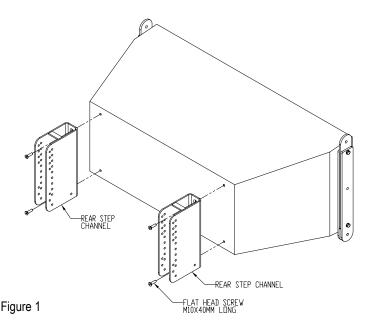
#### Step 3.

Attached the Rear Link to the Bottom of the Rear Step Channel using the provided 3/8-16x4" hex bolt, flat washer and 3/8-16 nylock nut (Figure 3).

#### Step 4. Assemble one speaker to another:

Align and insert the top male tongues of the front straps from the lower speaker to the bottom female tongue of the upper speaker. Align the holes then secure with the provided ½-13x2" hex bolts and flat washers. Tighten permanently (See VLA901-STRAP product instruction sheet)





#### Step 4.Replace Rear Link:

Replace the VLA601 Rear Link above the VLA601/901STEP with the VLA901 Rear Link (with a hole on the center) taken from the bottom VLA901 Loudspeaker (Figure 3)

#### Step 5. Set Tilt Angle:

VLA901

REAR LINK-WITH HOLE

0°, .5°-

1°, 1.5° 2°, 2.5°-3°, 3.5°-

4°

6

7°.9°

8°,10°

Figure 3

1.5

2.5°

3.5°

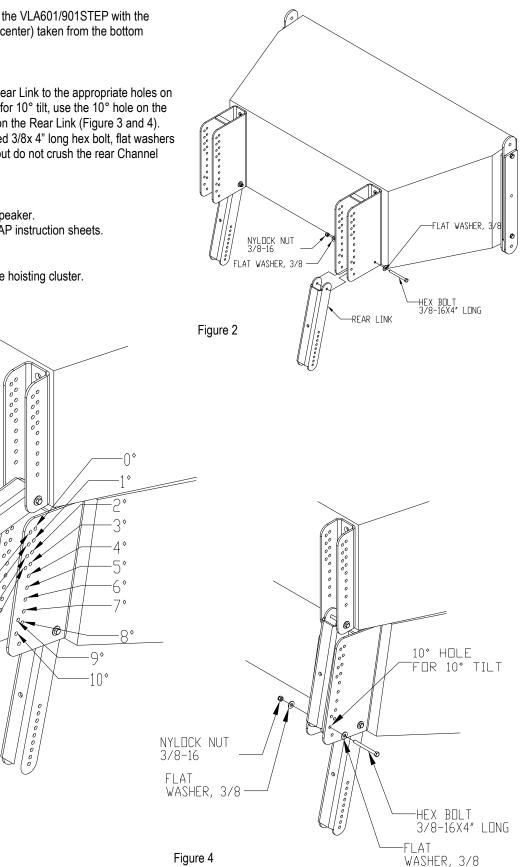
Match the appropriate hole from the Rear Link to the appropriate holes on the Rear Step Channel, For example; for 10° tilt, use the 10° hole on the Rear Step Channel and the 10° hole on the Rear Link (Figure 3 and 4). Secure the Tilt angle using the provided 3/8x 4" long hex bolt, flat washers and nylock nut, Tighten permanently but do not crush the rear Channel Strap (Figure 4)

#### Step 6.

Repeat procedure for the next lower speaker. See VLA601-STRAP or VLA901-STRAP instruction sheets.

#### Step 7.

Check all hardware connections before hoisting cluster.



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