

Figure 1

The FP-DX12-2X1 planar array kit gives designers, contractors and audio consultants the ability to join two Fulcrum DX12 series speakers in a tight pack or up to 60° splayed configurations. The FP-DX12-2X1 Kit allows the speaker cabinets to be adjusted relative to each other to achieve the optimum sound directivity. A label with angle indicator are provided to easily adjust the splay angle from tight pack to 40° at an increment of 2.5° between speakers.

#### Note to installers

Due to the wide variety of wall structures, materials and mounting methods, these instructions assume that the installing contractor will exercise proper judgment in selecting the mounting area and hardware.

As a guide, the installation, when complete should be capable of supporting 5 to 10 times the actual applied load. Always use a back up safety system such as a safety cable.

To assure a trouble free installation, read through and follow these instructions carefully before beginning. If you have doubts about the integrity of the structure you are mounting to or you are not sure about the proper hardware to use, consult a structural and/or hardware specialist.

Follow these instructions for the most efficient and safest mounting results.

- 2 pcs Joiner plate
- 2 pcs M01x1.5-35mm long eyebolt
- 2 pcs M10x1.5-50MM long eyebolt
- 8 pcs Hex bolt, M10x1.5-50MM long
- 10 pcs M10 Flat washer
- 8 pcs M10 SPlit Washer
- 1 pc Instruction sheet

#### Planar Array Orientation:

##### Step 1:

Remove and discard the screws from the top and bottom of the speaker that will be used for attaching the joiner plate.

##### Step 2:

Flip the speakers so the bottom is facing up. Position speakers side by side. Determine the desired splay angle between speakers (Figure 1.) Attach a joiner plate to the bottom side of the speakers using supplied M10 screws and flat washers (Figure 2.) Do not permanently tighten until all plates are installed.

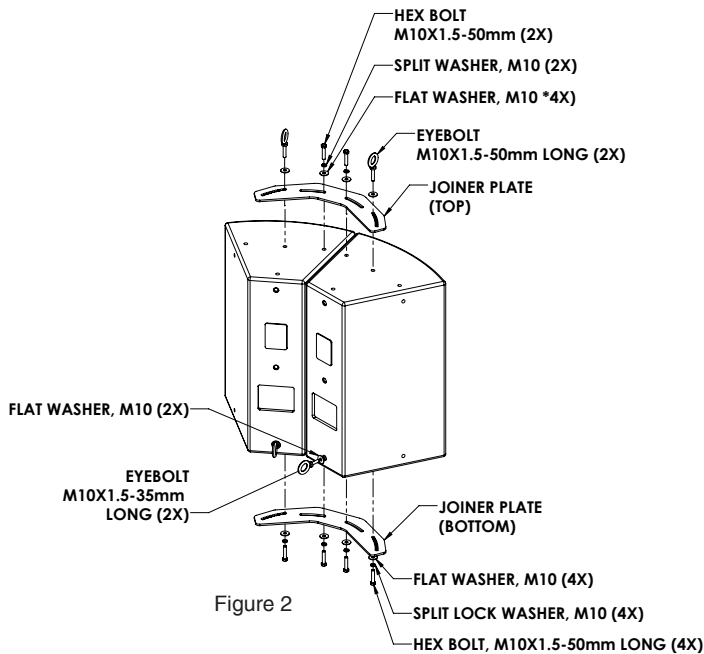


Figure 2

#### Step 3:

Slowly flip the speakers so the top is facing up. Attach the other joiner plate to the top with two button head screws and flat washer through the joiner plate's slot and into the inner/top edge rigging holes of the speaker. Install the two M10X1.5X50mm long eyebolts, and flat washers on the designated holes for the selected splay angles. Use the same holes as on the bottom plate (Figure 2.)

#### Step 4:

Install two M10X1.5-35MM long eyebolts with flat washers to the lower back rigging points of speakers for pull back attachment (Figure 2.)

#### Step 5:

Use the eyebolts on top of the speakers for primary suspension points. Use the rear eyebolts for pull back points to adjust the tilt angle of the cluster. Bridle two pull back points if necessary to create a single pull back cable (Figure 3, Figure4.)

#### Step 6:

Tighten all bolts permanently.

#### Step 7:

Check all hardware connections before hoisting cluster.

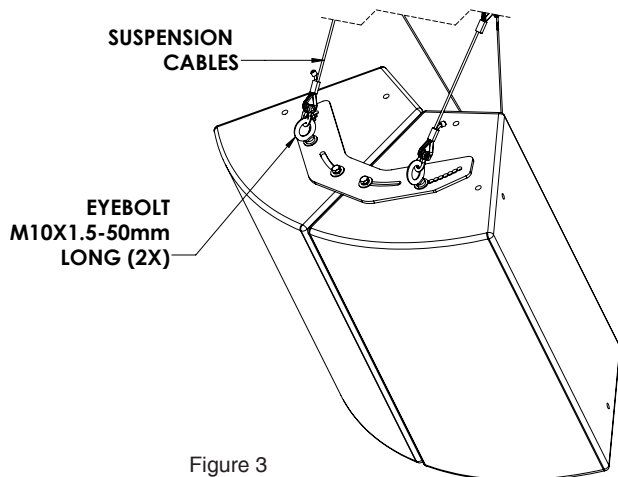


Figure 3

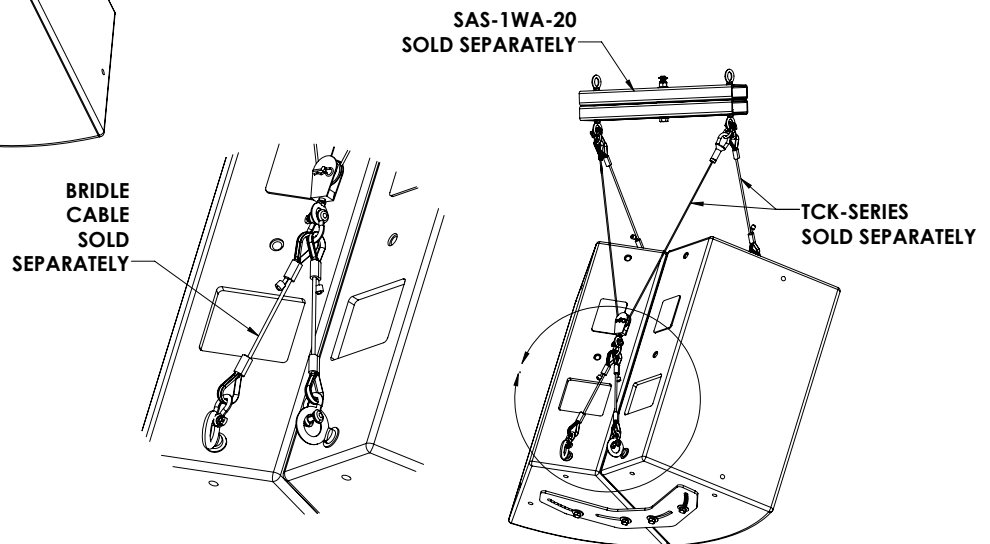
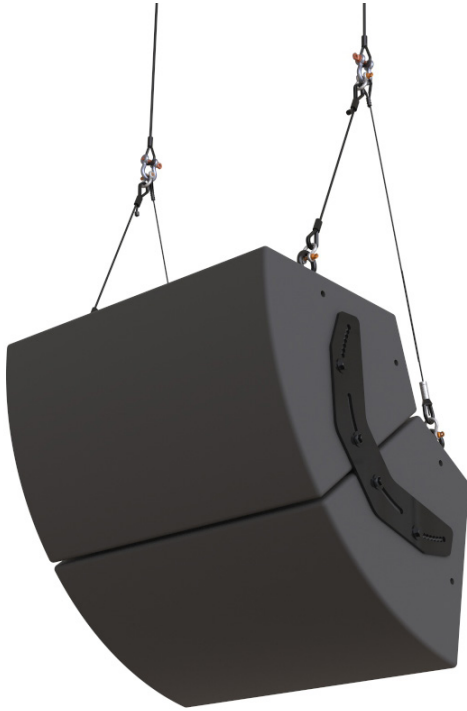


Figure 4



#### Line Array Orientation:

##### Step 1:

Remove and discard the screws from the top and bottom of the speaker that will be used for attaching the joiner plate.

##### Step 2:

Flip the speakers so the bottom is facing up. Position speakers side by side. Determine the desired splay angle between speakers (Figure 1.) Attach a joiner plate to the bottom side of the speakers using supplied M10 screws and flat washers (Figure 2.) Do not permanently tighten until all

##### Step 3:

Slowly flip the speakers so the top is facing up. Attach the other joiner plate to the top with two button head screws and flat washer through the joiner plate's slot and into the inner/top edge rigging holes of the speaker.

##### Step 4

Install the two M10X1.5X50mm long eyebolts, and flat washers on the side holes of the speaker for primary suspension points (Figure 5).

##### Step 5:

Install two M10X1.5-35MM long eyebolts with flat washers to the lower back rigging points of the bottom speakers for pull back attachment (Figure 5.)

##### Step 6:

Use the eyebolts on the speakers for primary suspension points. Use the rear eyebolts on the bottom speaker for pull back points and to adjust the tilt angle of the cluster.

##### Step 7:

Tighten all bolts permanently.

##### Step 8:

Check all hardware connections before hoisting cluster.

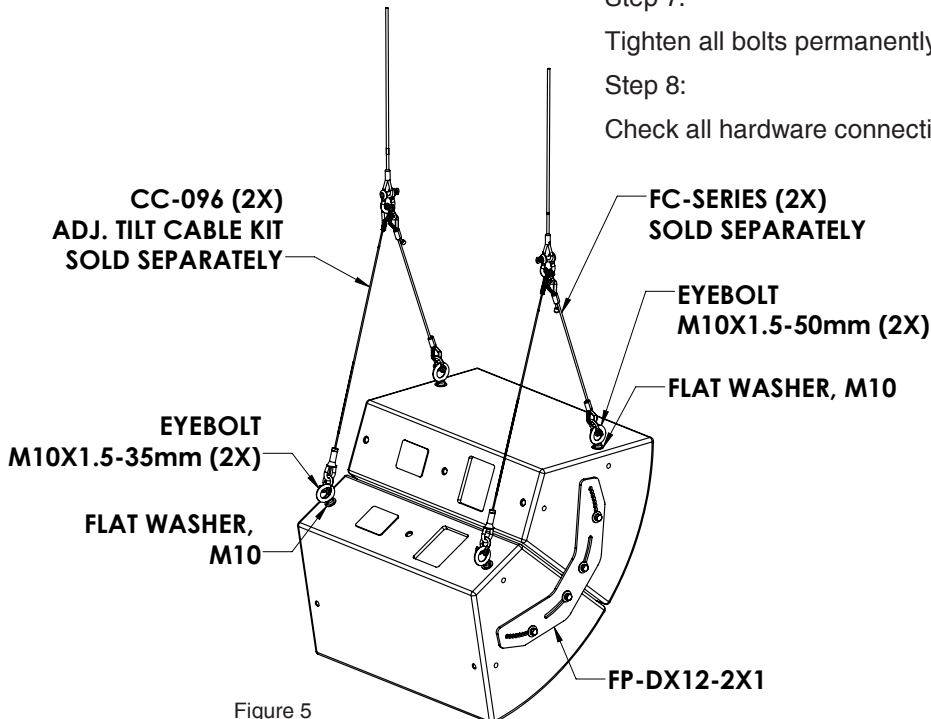


Figure 5