

### 3 WIDE X1 DEEP PLANAR ARRAY CONFIGURATION

The FP-AM7215-3X1 planar array kit give designers, contractors and audio consultants the ability to create a three wide AM7215, or AM5215 speakers in a tight pack planar array configurations. The FasPac™ provides a method of flying a tight pack array while offering the capability of allowing cabinets to be adjusted relative to each other to find the optimum sound directivity. A series of holes are provided to easily adjust the splay angle from 0° to 30° at an increment of 2.5 degree.

**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:**

- 4 pcs            7-2645 Front Joiner Plate
- 2 pcs            7-2647 Rear Joiner Plate
- 14 pcs          Button head socket screw, M10x1.5-45MM long
- 15 pcs          M10 flat washers
- 2 pcs            M10 x 50mm long eyebolt
- 2 pcs            M10 x 35 mm long eyebolt

**CAUTION: PLEASE READ CAREFULLY BEFORE PROCEEDING**

Due to the wide variety of building structures, materials and suspension methods, these instructions assume that the installing contractor/installer will exercise good judgment in selecting the proper mounting area and hardware. As a guide, the installation, when complete, should 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:**

Flip speakers so that the bottom is facing up. Unscrew existing speaker screws and discard.

**Step 2:**

Determine the splay angle of the speaker and the holes to use on the front joiner plate (Figure 2).

**Step 3:**

Install the rear joiner plate on the rear rigging inserts to secure the side speakers to the center using the slots of the plates. Use the provided M10 screws and washers (Figure 1). Install two front joiner plates on the two front rigging inserts of the speakers using the corresponding holes for the appropriate splay angles using the, screws, and washers (Figure 1). Make sure the markings on the plates are facing up. Do not tighten screws; leave it snug until all plates are in position.

**Step 4:**

Slowly flip the speaker assembly so that the tops of the speakers are facing up. Unscrew the speaker screw and discard (Figure 1).

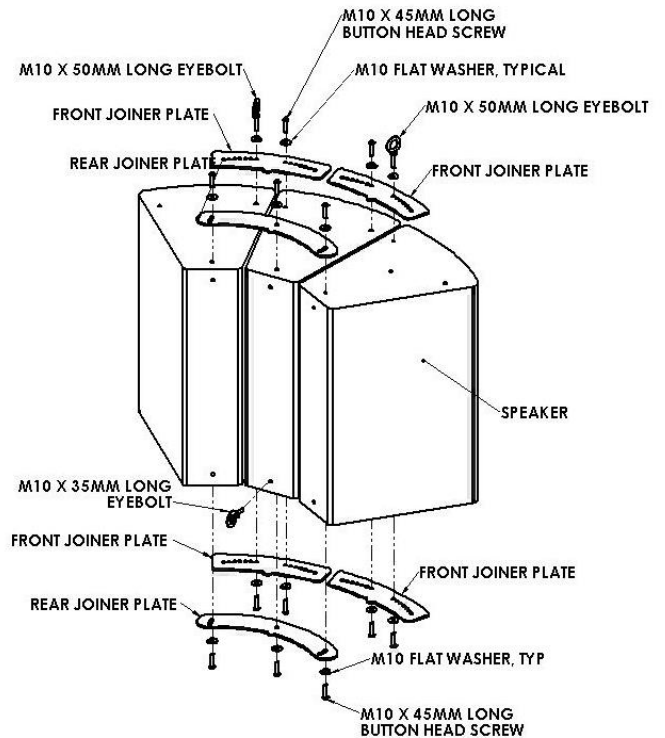
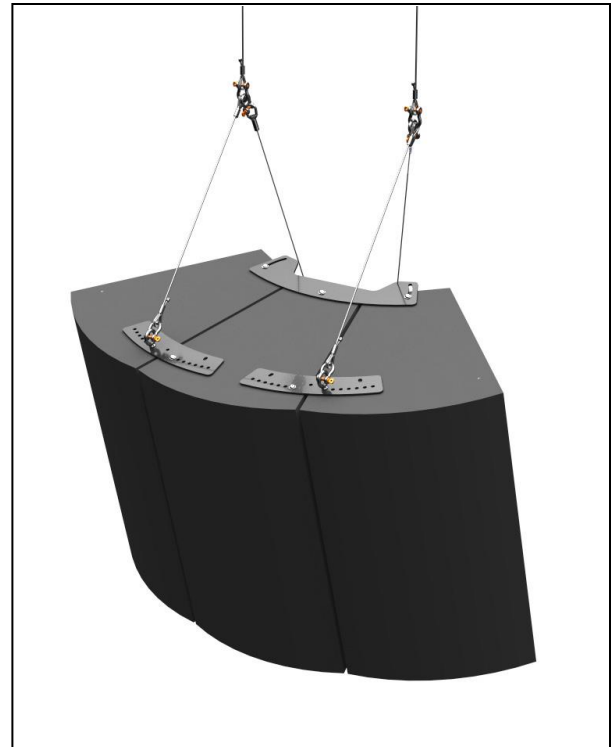


Figure 1

**Step 5:**

Install a M10 eyebolt on the rear plate and into the rear rigging point of the center speaker for shallow tilt angles.

**For steeper angles, install the M10 x 35mm long eyebolt on the bottom rear of the center speaker. This will be used for the pull back (Figure 3).**

**Step 6:**

Secure the front joiner plates to the top front of the speakers. Use the M10x50mm long eyebolts to secure the side speakers to the front joiner plate (Figure 1).

**Step 7:**

When all plates are in position, tighten all screws permanently.

**Step 8:**

Use the two front M10 eyebolts from the front joiner plates as the main speaker suspension points. Use the back eyebolt as a pullback point to adjust the tilt angle of the speaker cluster (Figure 3).

**For steep angles, use eyebolt installed on the bottom rear of the center speaker as the pull back point to achieve the desired tilt angle (Figure 3).**

**Step 9:**

Check all hardware connections before hoisting cluster.

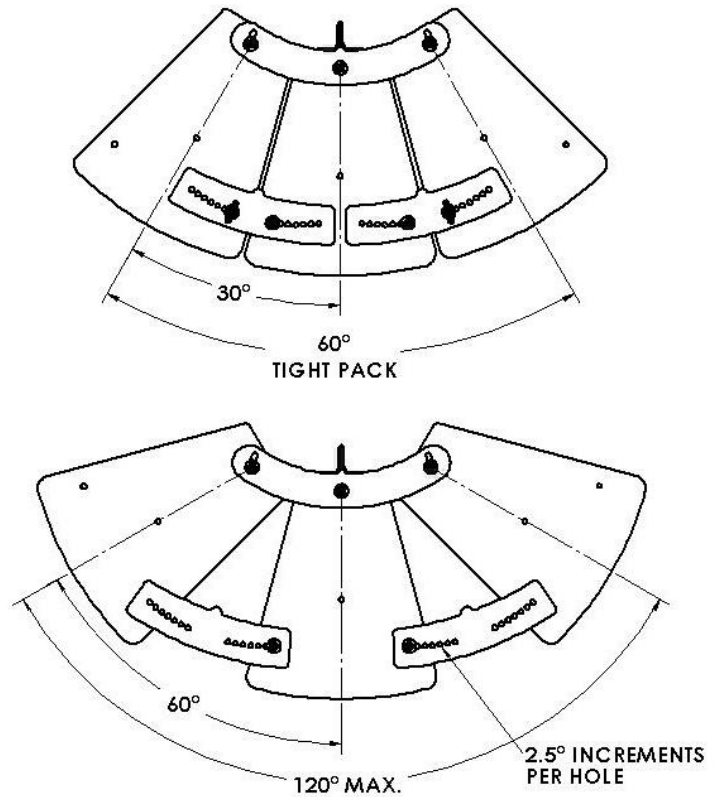


Figure 2

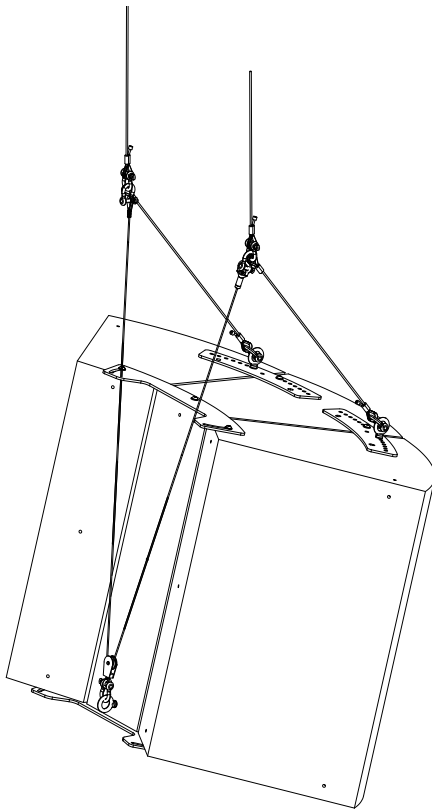


Figure 3

### 1 WIDE X 3 DEEP PLANAR ARRAY CONFIGURATION

The FP-AM7215-3X1 planar array kit give designers, contractors and audio consultants the ability to create a three deep AM7215, or AM5215 speakers in a tight pack line array configurations. The FasPac™ provides a method of flying a tight pack array while offering the capability of allowing cabinets to be adjusted relative to each other to find the optimum sound directivity. A series of holes are provided to easily adjust the splay angle from 0° to 30° at an increment of 2.5 degree.

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**Package contents:**

- 4 pcs 7-2645 Front Joiner Plate
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- 15 pcs M10 flat washers
- 2 pcs M10 x 50mm long eyebolt
- 2 pcs M10 x 35 mm long eyebolt

**CAUTION: PLEASE READ CAREFULLY BEFORE PROCEEDING**

Due to the wide variety of building structures, materials and suspension methods, these instructions assume that the installing contractor/installer will exercise good judgment in selecting the proper mounting area and hardware. As a guide, the installation, when complete, should 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:**

Flip speakers so that the bottom is facing up. Unscrew existing speaker screws and discard.

**Step 2:**

Determine the splay angle of the speaker and the holes to use on the front joiner plate (Figure 2).

**Step 3:**

Install the rear joiner plate on the rear rigging inserts to secure the side speakers to the center using the slots of the plates. Use the provided M10 screws and washers (Figure 1). Install two front joiner plates on the two front rigging inserts of the speakers using the corresponding holes for the appropriate splay angles (Figure 2). Do not tighten screws; leave it snug until all plates are in position.

**Step 4:**

Slowly flip the speaker assembly so that the tops of the speakers are facing up. Unscrew the speaker screw and discard. Repeat Step 3 to attach the plates on the other end of the speaker cluster.

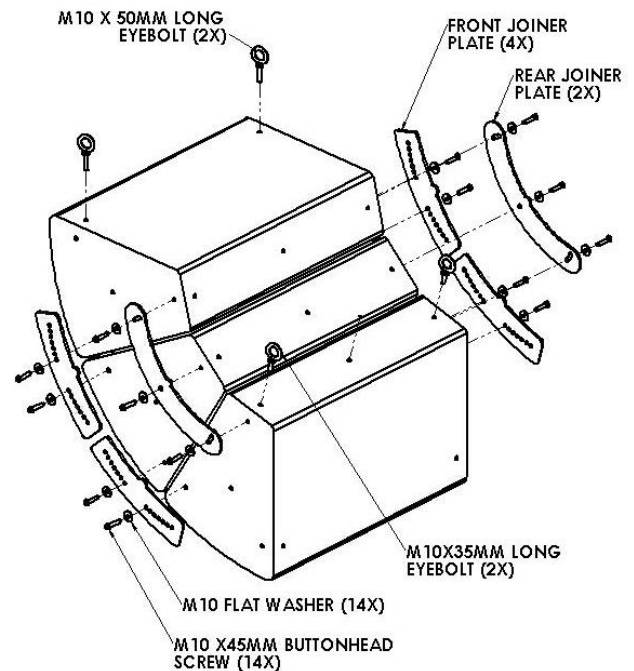
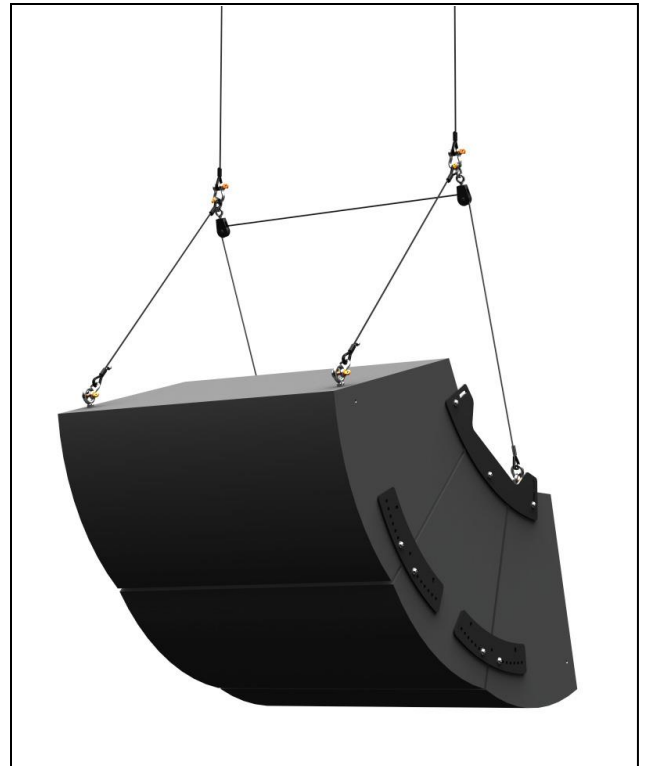


Figure 1

**Step 5:**

When all plates are in position, tighten all screws permanently.

**Step 6:**

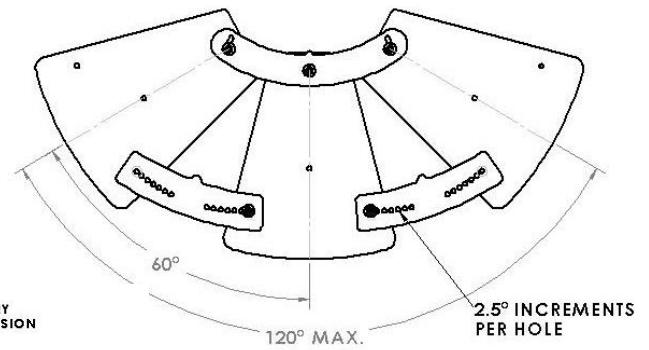
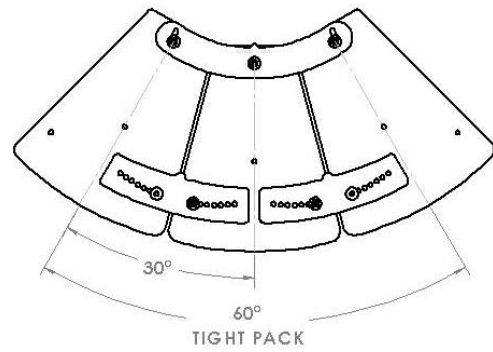
Lay the speaker cluster on its side the install eyebolts to the side rigging points (now top) of the speaker as shown (Figure 3A). Install eyebolts on the rear rigging points of the lower speaker. Use either double pull back points (Figure 3A) or single point pull back (Figure 3B).

**Step 7:**

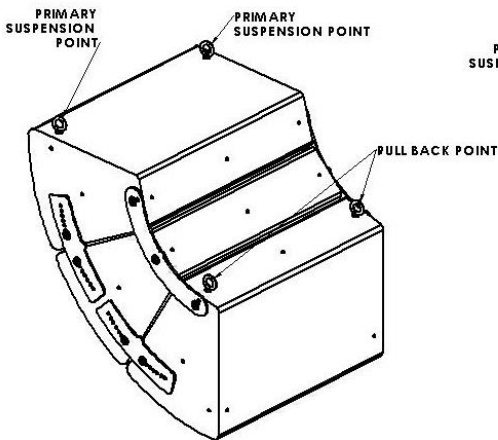
Use the eyebolts on the top of the speaker cluster as the main speaker suspension points. Use the lower eyebolts of the lower speaker for pull back points and to adjust the tilt angle of the speaker cluster assembly (main illustration and Figure 4).

**Step 8:**

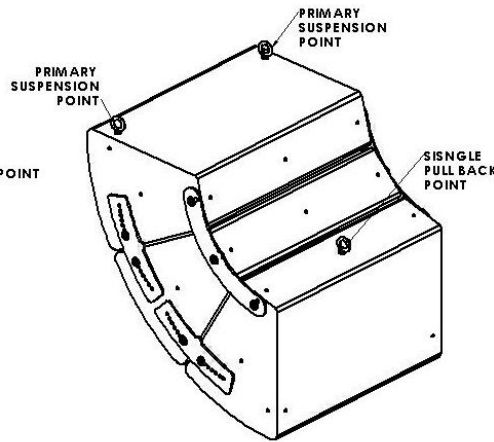
Check all hardware connections before hoisting cluster.



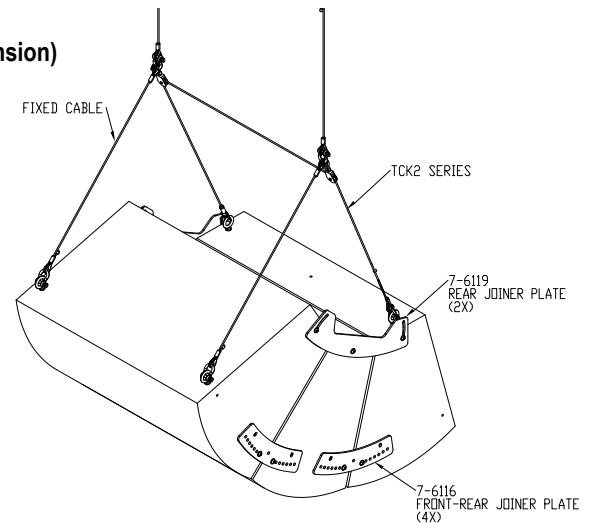
**Figure 2**



**Figure 3A (Four point suspension)**



**Figure 3B (three point suspension)**



**Figure 4 (With TCK2 Adj. Tilt cable Kit, sold separately)**