

Installation Guide

FP-EVH1152-2X1

ELECTRO-VOICE CLUSTER PACK PLANAR ARRAY KIT



The FP-EVH1152-2X1 planar array kit gives designers, contractors and audio consultants the ability to create two EVH 1152 speakers in a tight pack or splayed configurations. The FP-EVH1152-2x1 kit provides a method of flying a planar or line array configuration while offering the capability of allowing cabinet's splay angle to be adjusted relative to each other to find the optimum sound directivity. A series of holes are provided to easily adjust the splay or tilt angle from 20° to 60° at an increment of 2.5° between speakers.

Contents:

Be sure that all of the following items are included in this kit before proceeding:

- 2pcs** Joiner Plates
- 8pcs** Button head screw, M10X45mm
- 8pcs** Split lock washer, M10
- 8pcs** Flat Washer, M10
- 4pc** Eyebolt, M10x 35mm

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.

Installation Procedure:

Step 1: Flip the two speakers so that the bottoms are facing up and lay them side by side. Unscrew existing speaker screws where the joiner plate will be installed. Discard removed screws.

Step 2: Decide the splay angles of the loudspeaker cluster (Figure 1). Install the joiner plate on the speakers using the appropriate holes for the desired loudspeaker splay angles. Use the provided M10 screws, flat washers and split washers. Do not tighten bolts until all joiner plates are installed (Figure 2).

Figure 2

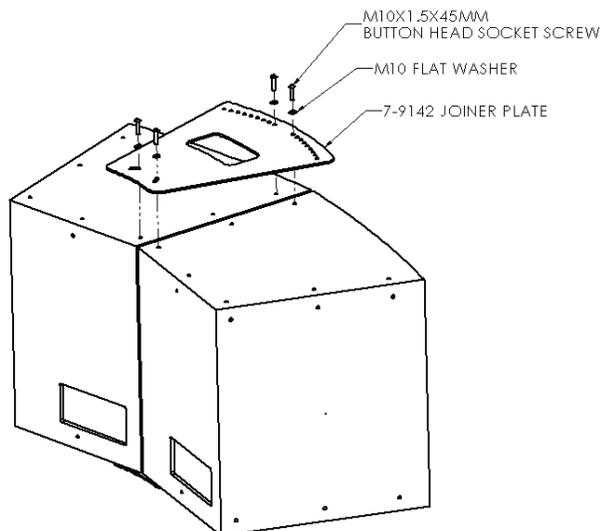
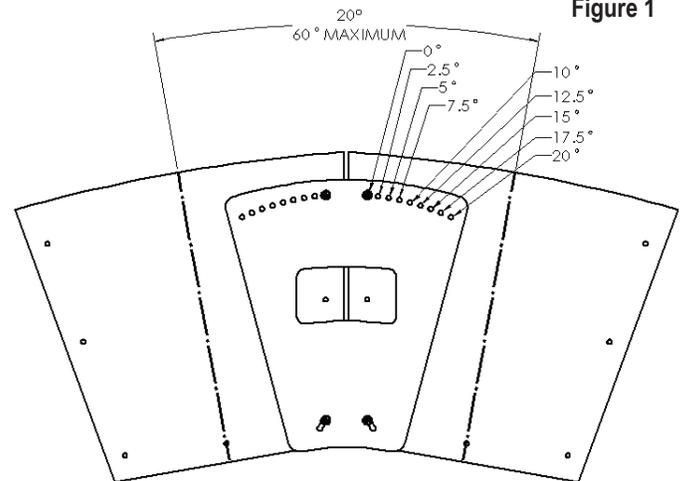


Figure 1



Step 3: Carefully flip the two speakers together so that the top is facing up. Removed the screws in the holes where the joiner plates are installed. Install the joiner plates using the same holes as the bottom joiner plates using the provided screw, split washer and flat washer (Figure 3).

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Step 4: Install the M10 x 35mm long eyebolts with flat washers on the outer front holes of the side speaker (Figure 3).

Step 5: Install the M10 x 35mm long eyebolt on the top rear of the speaker then bridle to a single pull back cable (Figure 3). For dual pullback point attach a pullback cable on each rear eyebolts.

Step 6: When all joiner plates are installed, tighten screws permanently.

Step 7: Attach a load rated suspension cables or chains on the top front eyebolts. Use the rear eyebolts for pull back points and to adjust the tilt angle of the loudspeaker cluster assembly as shown in the main illustration (Figure 4).

Step 8: Check all hardware connections before hoisting cluster.

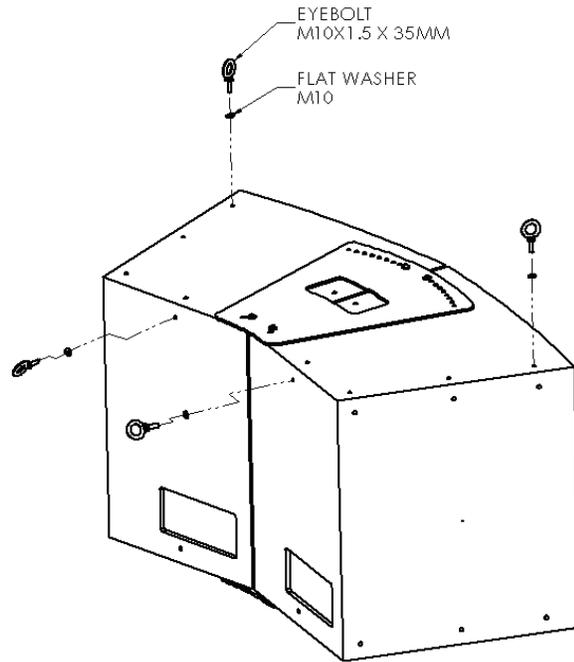


Figure 3

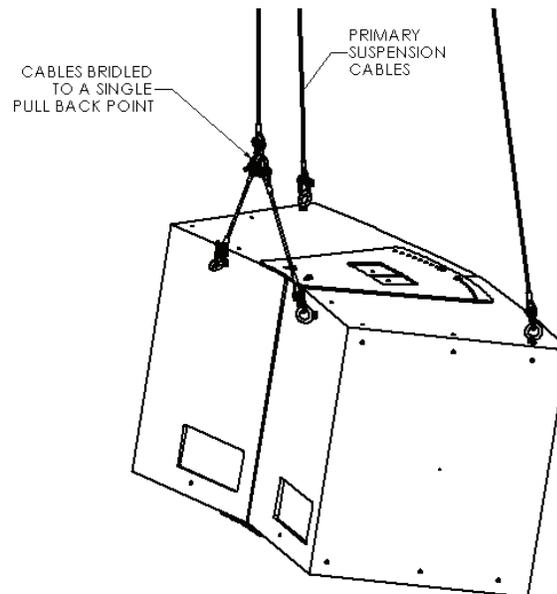


Figure 4

ALWAYS INSTALL SAFETY CABLES

WARNING: Mounting and/or suspension of audio and video equipment requires experienced professionals. Improperly installed loudspeakers can result in property damage, personal injury and/or liability to the installing contractor.

1 WIDE X 2 DEEP LINE ARRAY- HORIZONTAL

Step 1-3 From 2 WIDE X 1 DEEP PLANAR ARRAY

Installation Instruction:

Step 4: Carefully flip the two speakers together so that the top is facing up. Removed the screws in the holes where the joiner plates are installed. Install the joiner plates using the same holes as the bottom joiner plates using the provided screw, split washer and flat washer.

Step 5 :Check all hardware connections before hoisting cluster.

Step 6: For Line Array Configuration

Flip speakers so that the bottom is facing up. Arrange speaker so that the EVF1181S is in between the EVF1152S. Unscrew existing speaker screws and discard (Figure 4).

Step 7: Determine the splay angle of the speakers and the holes to use on the front joiner plate (Figure 2).

Step 8: Install the rear joiner plate on the two middle rigging inserts of the EVF1181S subwoofer using the provided screws and washers. Attach the two EVF1152S side speakers with the EVF1181S subwoofer using the lower slots of the rear joiner plate with the provided screws and washers (Figure 4).

Step 9: Install the front joiner plate on the two front rigging inserts of the EVF1181S subwoofer using the provided screw and washer. Determine the holes to use for the selected splay angle (Figure 2) then secure the EVF1152S side speakers to the front joiner plate using the provided screws and washers (Figure 4). Do not tighten screws; leave it snug until all plates are in position.

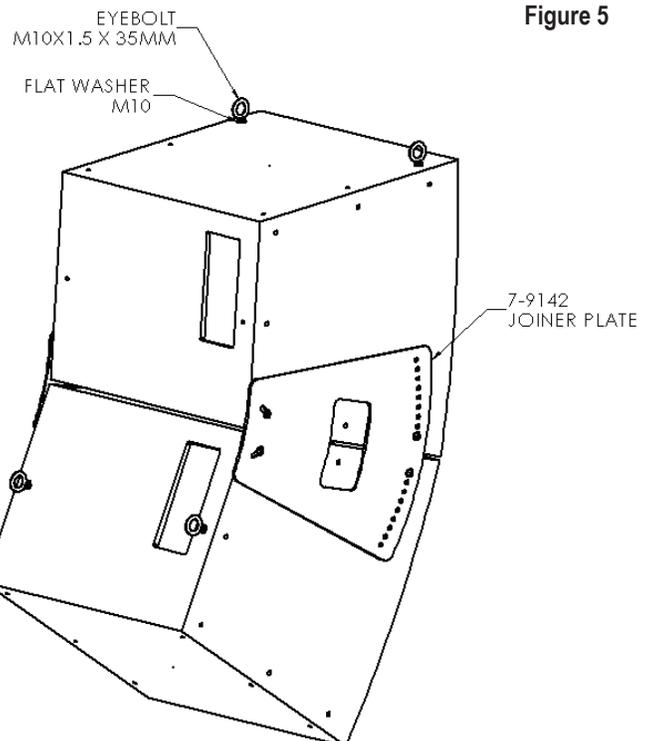


Figure 5

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Step 17: Figure 5 Install the two m10x 50mm long eyebolt on the side rigging inserts of the selected upper Figure 4 speakers Install the two m10x35 mm long on the rear rigging inserts of the EVF1181S or to the rear rigging insert of the bottom EVF1152S (depending on the desired tilt angle) for pull back points (Figure 5).

Step 18: Check all hardware connections before hoisting cluster.

Caution: Due to the wide variety of structures, environments, materials and rigging methods, the installing contractor must exercise good judgment in selecting the proper mounting area and hardware.

Note to installers:

Due to the wide variety of wall structures, materials and mounting methods, the installing contractor must 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 backup 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.

ALWAYS INSTALL SAFETY CABLES

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