GridLink™ Rigging Beam
Installation Instructions

The Universal Gridlink™ Rigging Beam is a load rated overhead suspension beam used for flying single or multiple loudspeakers and other objects equipped with safe rigging points and for creating single or multiple tiered grids.

Important:
Due to the wide variety of overhead structures, rigging materials and rigging methods, these instructions assume that the installing contractor/installer will exercise good judgment in selecting the proper suspension points, hardware and mounting area.

As a guide, the installation, when completed should be capable of supporting at least 5 times the actual applied load.
Do not exceed the beam's working load limit. Use only Grade 8 hardware.
If creating a grid, do not exceed the grid's working load limit of 2200 lbs/1000 Kg.

Package Contents:

Qty:	Description
1 pc.	Gridlink Beam (24", 36", 48", 66" or 86" long)
2 pcs.	Eye nut, 1 /2-13
2 pcs.	Eyebolt, 1/2-13 x 5.5" long
4 pcs.	Flat washer, 1/2"
2 pcs.	Nylock nut, 1/2-13
2 pcs.	Endcap, 2x4

Note:
The Universal Gridlink™ Rigging Beam can be suspended at two outer points (Figure 2), four point bridle method (Figure 3) or as a single point lifting bumper (Figure 5), depending on the weight, size and center gravity.

Option 1: Two Outer Point Suspension *(For simple distributed load configuration):*

Step 1: Prepare the Rigging Beam:
Select the desired suspension holes (Figure 2) then secure the 5.5" long eyebolts to the GridLink™ Rigging Beam using washers and Nylock nuts (Figure 1A). For ***tiered applications,*** use the eye nuts in place of the Nylock nuts (Figure 1B). Make sure the eyes of the eyebolts are perpendicular to the length of the beam (Figure 1A/B). Tighten permanently but do not crush tube. Place the 2x4 endcap on both ends of the tube if its not used with Gridlink connectors.

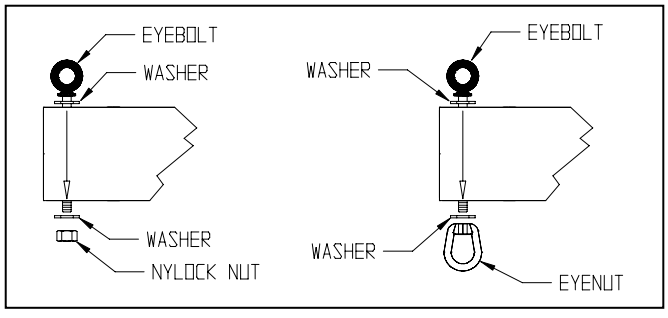


Figure 1A Figure 1B

Step 2: Suspending the Rigging Beam:
Select a rated wire rope cable or rated lifting chain capable of supporting at least five times the weight of the entire load to the rigging beam's eyebolts using rated rigging hardware (Figure 2).

Step 3: Attach Rigging System to Rigging Beam:
Attach selected rigging components to the holes of the Rigging Beam using rated eyebolts (Part No.: SAS-EB-KT) or install the Gridlink™ Cross Arm for horizontal aiming (Figure 4).

Option 2: Four Point Bridle Suspension *(For substantial centrally suspended loading):*

Step 1: Prepare the Rigging Beam: Select the suspension holes then secure 1/2-13 x 5.5" long eyebolts (eye up) first to the outer most holes of the Rigging Beam (Figure 2) with supplied washers and Nylock nuts (Figure 1A).

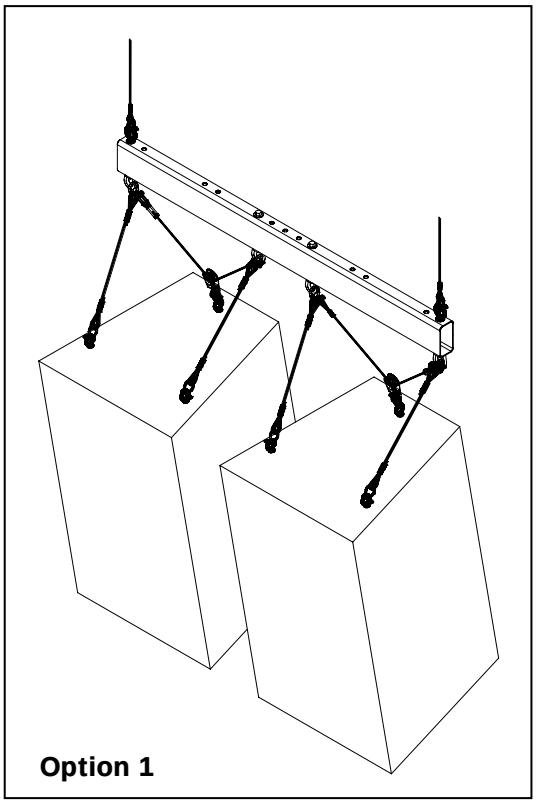
For ***tiered applications***, use the eye nuts instead of the Nylock nuts where necessary (Figure 1B). Attach two more eyebolts, washers, and Nylock nuts (or eye nuts) through the selected holes on the inside of the Rigging Beam. Make sure the eyes of the eyebolts are perpendicular to the beam's length. Tighten permanently but do not crush tube (Figure 3).

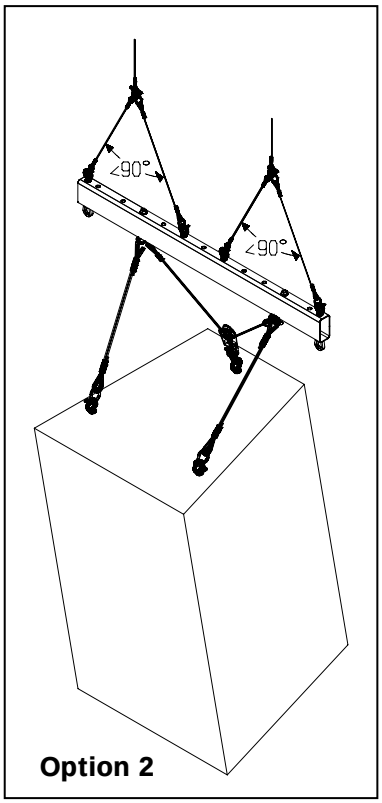
Step 2: Suspend Rigging Beam: Attach a rated bridle wire rope cable or rated lifting chain capable of supporting at least 5 times the weight of the entire load to each of the rigging beam's eyebolts using rated rigging hardware (Figure 3).

Step 3: Bridle the two left wire rope cables (or chains) together and the two right wire rope cables (or chain) together (Figure 3). ***Never exceed 90° angle between bridle cables while fully loaded (See Option 2).***

Step 4: Attach selected rigging components using the holes of the Rigging Beam using rated eyebolts (Part No: SAS-EB-KT) or to the installed eye nuts or install the GridLink™ Cross Arm for horizontal aiming (Figure 4).

Before hoisting, lift entire system a short distance and check each and every connection thoroughly before proceeding.





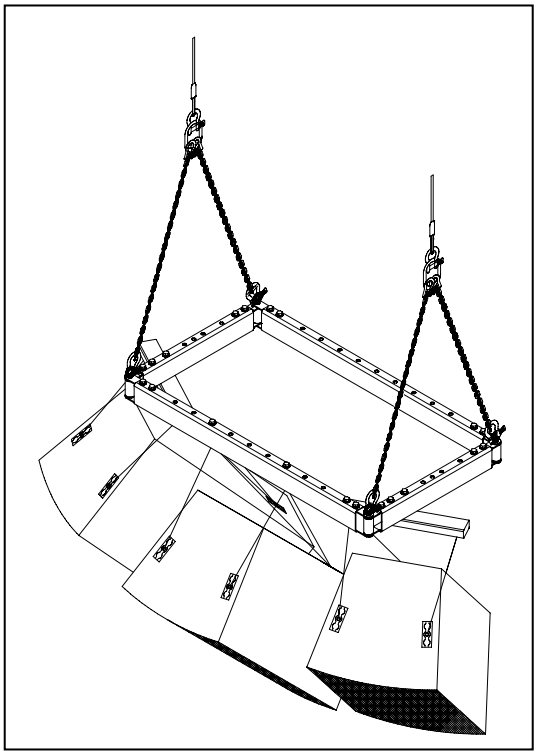


Figure 4: GridLink™ Beam with Cross Arm, Adjustable Tilt Cable Kit and Gridlink™ connector

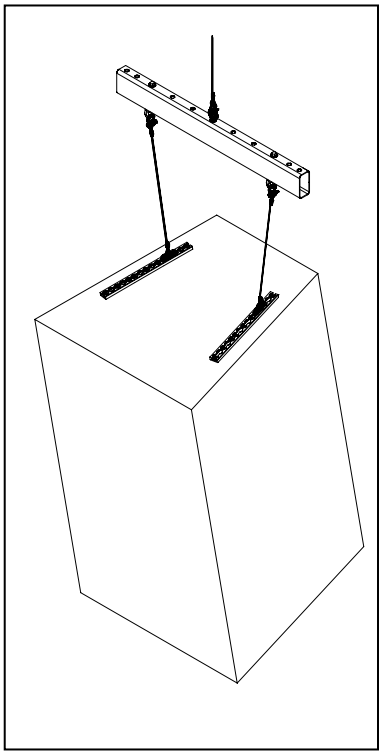


Figure 5: Single Point Lifting Bumper