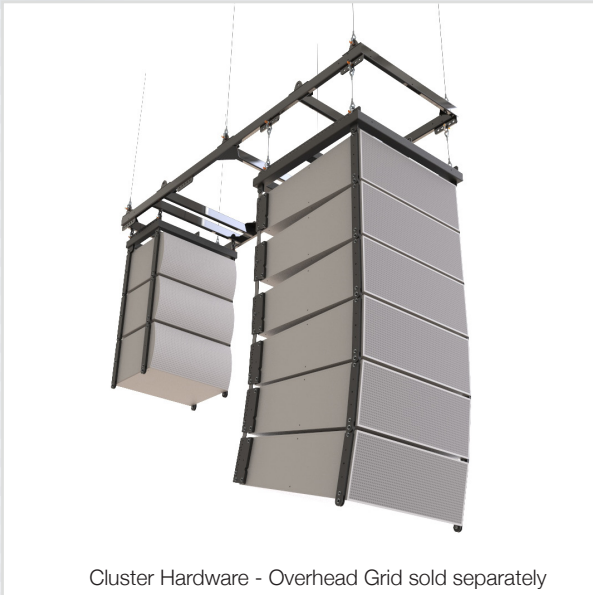


Adjustable VLA301i Rigging System

RIGGING FOR JBL-VLAI LOUDSPEAKERS

RIGGING SYSTEM



Cluster Hardware - Overhead Grid sold separately

Complete Family of Adjustable Rigging Components for JBL Professional VLA301i and ASB Loudspeakers, ideal for sports stadiums and concert halls

Adaptive has developed a complete family of rigging components that enable these cabinets to be assembled together and flown in almost every line array configuration. Choose from a variety of field proven rigging components to complete your line array design.

Start with Adaptive's Universal Overhead Grid (next page) that will suspend both the VLAI line array and an ASB sub array together from the venue's super structure. For more localized suspensions, Top Fly Grids are available for both the VLAI and the ASB cabinets (A), which allows them to be suspended and rotated independently.

Interlocking and load-rated Front and Rear Strap kits (B) allow the cabinets to be assembled and locked together, then splayed relative to each other into specific angles, thus directing sound per the venue's acoustic requirements. These Strap Kits also interlock with the Top Fly Bar as well as the lower Pull Back frame (C).

Step Brackets (D) make it possible to join different speaker models together, such as the VLA301i and the VLA601i as well as the VLA301i and the VLA901i. The RS-VLA-i-301SB Step Bracket secures the VLA301i and the VLA601i together and includes a way to splay them for optimum acoustic result, such as setting up a down tilt.

Pull Backs (C) are used when line arrays need to be raked back into more of a medium to steep angle requirement. The VLAI Pull Back frame (C) interlocks into the bottom speaker cabinet and, using one or more of the three load-rated pull back points, the entire line array can be pulled back into the desired angle.

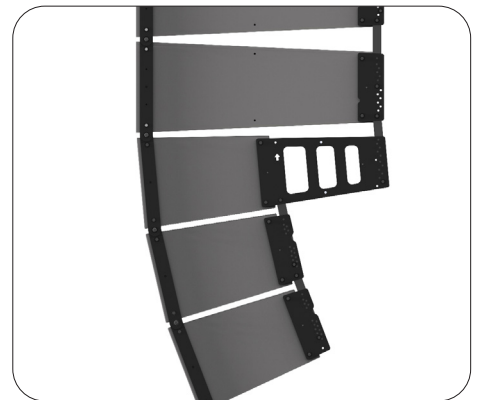
Adaptive's Line Array components are precision built and pre fitted before shipping to assure a trouble-free installation. These components have already been installed in major pro football and university stadiums.



Top Grid (A)



Front / Rear Straps (B)



Step Bracket (D)

Universal Grid RS-56X168-UG

3200 lb. WLL

OVERHEAD LOAD-RATED RIGGING FRAME

RIGGING SYSTEM



Universal Grid with Line Array

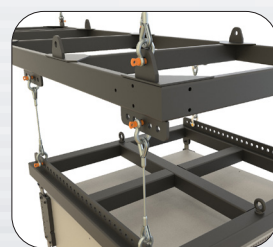
RS-56X168-UG Heavy Duty Universal Grid

Adaptive's Universal Grid is a load-rated heavy-duty frame designed to support overhead rigging of medium and large format loudspeakers, loudspeaker clusters, including line arrays, subs and planar arrays, as well as single box hangs.

Four upper hang points at each corner suspend up to the venue's superstructure and two side attach points provide for anti-sway cables. Lower suspension brackets, each with its own multiple hang point configurations allows for nearly any combination of rigging of loudspeakers.

This Universal Grid comes disassembled for ease of shipping and is constructed of structural tubular steel. Its then black powder coated with a matte finish.

Add the Universal Grid Extension RS-56X42-UG-EXT to rig full sub arrays behind the main array thus allowing the speaker cluster to increase it's down angle from the front.



STANDARD FEATURES:

- ▶ Permanently supports mid-size and large clusters
- ▶ Easy Installation - goes up in minutes
- ▶ Rugged black powder coat finish

OPTIONAL ACCESSORIES:

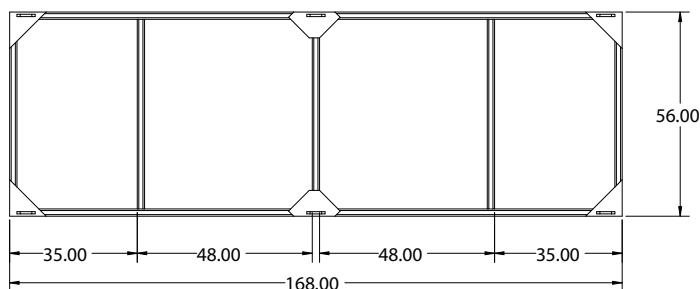
- ▶ See overhead hardware data sheet
- ▶ See wire rope data sheet
- ▶ See safety cable data sheet
- ▶ RS-56X42-UG-EXT Frame Extension

SPECIFICATIONS:

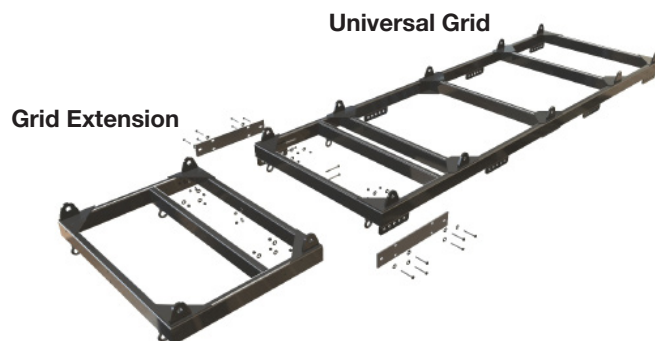
Materials: Structural steel
Finish: Powder coat
Color: Black
WLL: 3200 lb / 1455 Kg
Design Factor: 5:1
Content: 1 Universal Grid

PACKAGE CONTENTS:

1 pc. Universal Grid

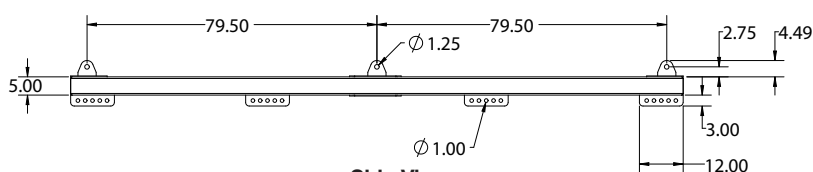


Top View

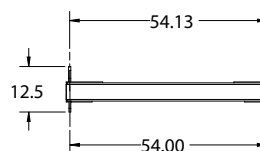


Grid Extension

Universal Grid



Side View



Front View

Adaptive Technologies Group
1635 E. Burnett Street | Signal Hill, CA 90755 USA
Ph: 562.424.1100 | Fax: 562.424.3520
www.adaptivetechgroup.com



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.

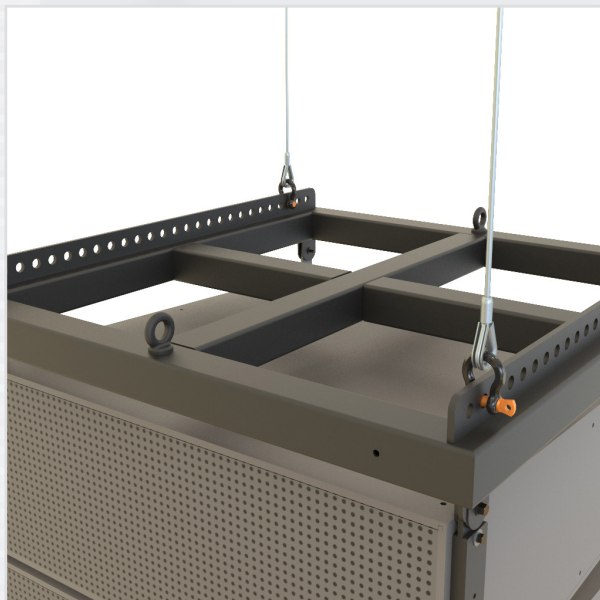


TOP GRID RS-VLAI-301-TG

3200 lb. WLL

TOP GRID RIGGING SYSTEM VLA601i & VLA901i

RIGGING SYSTEM



RS-VLAI-301-TG TOP GRID

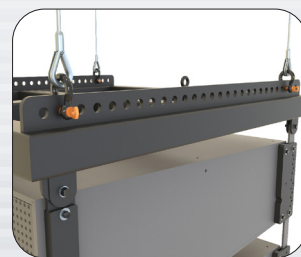
The RS-VLAI-301-TG Top Grid assembly will fly up to 8 VLA-i-301 loudspeakers in a row into a line array configuration. Simply secure the front and rear speaker Straps Kit of the top speaker cabinet permanently underneath the Grid's four load-rated interconnecting receptacles.

Rigging Rails on the left and right sides of the Grid's frame allow the entire cluster to be suspended and down tilted via multiple front-to-back rigging points. Place the cluster into a dead hang or tilt it down, up to 25° degrees.

Two additional hang points are included to make the installation easier, one at the front center and the other at the rear center to be used for hoisting the cluster into position so that the permanent suspension cables can be secured.

This easy to assemble kit comes with two load rated pivoting side straps that secure to the rear sides of the VLA-i cabinet and interlock up to the side straps of the next VLA-i cabinet.

Fly clusters in medium to steep angles using Universal Grid RS-56X168-UG. See data sheet for more details.



STANDARD FEATURES:

- ▶ Supports up to 8 VLA-i-301 Loudspeakers
- ▶ Multiple Rigging Points provide up to 25 degree angle down tilt
- ▶ Secure connection to speakers
- ▶ Supports Permanent Installations

OPTIONAL ACCESSORIES:

- ▶ See Overhead Universal Grid RS-56X1168-UG data sheet.
- ▶ See overhead hardware data sheet
- ▶ See wire rope data sheet
- ▶ See safety cable data sheet

SPECIFICATIONS:

Materials: Structural steel

Finish: Powder coat

Color: Black

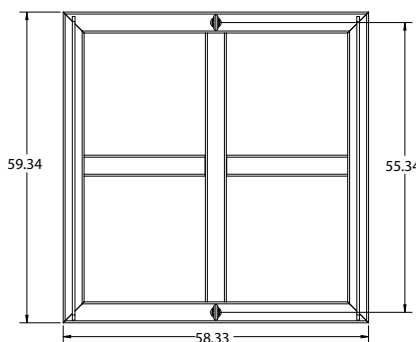
Tilt Angle: 25° degrees

WLL: 3200 lb / 1455 Kg

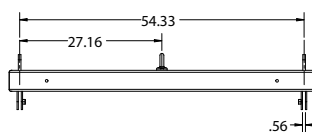
Design Factor: 5:1

PACKAGE CONTENTS:

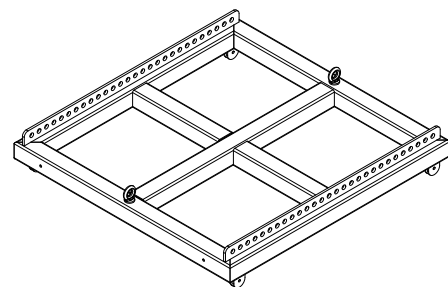
- 1 pc.** Top Grid and hardware
- 2 pcs.** Rear links and hardware



Top View



Front View



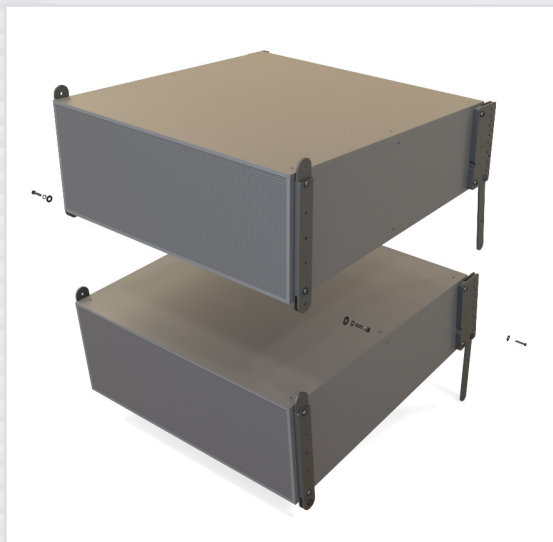
Side View

STRAP KIT RS-VLA-i-301-SK

3200 lb. WLL

FRONT AND REAR ADJUSTABLE SPEAKER STRAP KIT

RIGGING SYSTEM



RS-VLA-i-301-SK STRAP KIT

Assemble JBL's VLA301i line array loudspeakers for desired coverage in the horizontal orientation, up to 8 cabinets in a row using Adaptive's adjustable interconnecting Strap Kits.

This relatively easy-to-assemble rigging kit comes with two pivoting connector straps that secure to the fly points of the front of the VLA301i speaker cabinets, which interlock into the front straps of the cabinet above and below it.

Two adjustable rear Strap Kits secure to the rear fly points of the speaker which allows the speaker cabinet to interlock with speakers above and below into their desired angles, from tight-pack out to 6 degrees in 1/2° degree increments.



Front Strap



Rear Strap

These Strap kits connect to the front and rear receptacles of the Top Grid, which provides a safe cluster rigging structure while allowing the entire cluster to be tilted up or down for precise sound coverage.

They will also connect with the RS-VLA-i-301-PB Pull Back assembly for when medium to very steep down tilt angles are required.

In addition, Strap Kits can interlock into the Step Bracket, which steps down from VLA301i to the VLA601i loudspeaker. This provides additional close-range coverage by allowing the VLA601i loudspeaker to be suspended under the VLA301i cabinet.

STANDARD FEATURES:

- ▶ Supports VLA301i Loudspeakers
- ▶ Secures to upper and lower speakers
- ▶ Supports Permanent Installations
- ▶ Adjusts in half-degree increments, up to 4.5°

OPTIONAL ACCESSORIES:

- ▶ See Top Grid RS-VLAi-301-TG data sheet
- ▶ See Pull Back RS-VLAi-301-PB data sheet
- ▶ See overhead hardware data sheet
- ▶ See wire rope data sheet
- ▶ See safety cable data sheet

SPECIFICATIONS:

Materials: Structural steel

Finish: Powder coat

Color: Black

Tilt Angle: 0-5° degrees

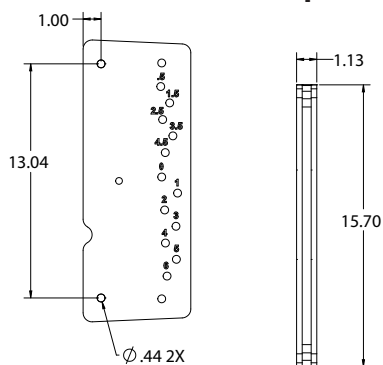
WLL: 3200 lb / 1455 Kg

Design Factor: 5:1

PACKAGE CONTENTS:

- 2 pcs.** Front Straps and hardware
- 2 pcs.** Rear Straps and hardware
- 2 pcs.** Rear links and hardware

Rear Strap

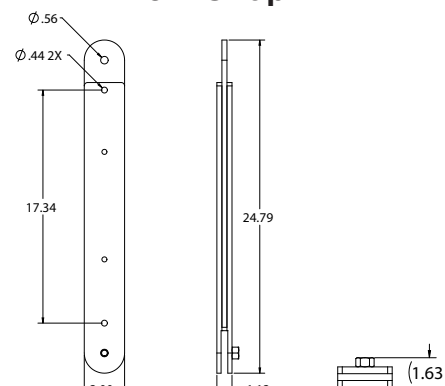


Front View

Side View

End View

Front Strap



Front View

Side View

End View

STEP KIT RS-VLA-i-301-SB

3200 lb. WLL

VLA301i to VLA601i STEP BRACKET KIT

RIGGING SYSTEM

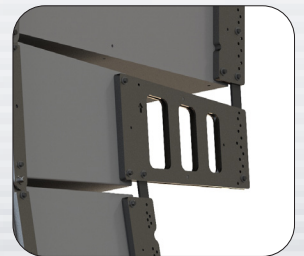


RS-VLA-i-301-SB STEP BRACKET KIT

Use this precision manufactured adapter Strap Kit to step down from the longer VLA301i speaker cabinet to the shorter VLA601i speaker cabinet.

This adapter locks in just like the standard Strap Kits using the same interlocking features. Splay angles are also provided via the step bracket where VLA601i cabinets can be tight-packed up to the VLA301i cabinet or splayed out, up to 10 degrees.

Attaching the VLA601i cabinet underneath the VLA301i cabinet provides additional near field coverage.



STANDARD FEATURES:

- ▶ Bridges VLA601i speaker under the VLA301i speaker
- ▶ Supports VLA301i & VLA601i Loudspeakers
- ▶ Secures to upper and lower strap kits
- ▶ Supports Permanent Installations

OPTIONAL ACCESSORIES:

- ▶ See overhead hardware data sheet
- ▶ See wire rope data sheet

SPECIFICATIONS:

Materials: Structural steel
Finish: Powder coat
Color: Black
Tilt Angle: 10° degrees
WLL: 3200 lb / 1455 Kg
Design Factor: 5:1

PACKAGE CONTENTS:

2 pcs. Front Straps and hardware
2 pcs. Rear Straps and hardware
2 pcs. Rear links and hardware

