


Specifications and Instructions

 **CAUTION!** Before attempting to stack any Versarray™ 112 Mk III / Pro cabinets onto a Versarray™ VR Cart, refer to a qualified professional. The VR Cart and loaded speaker array can fall over from improper installation, resulting in serious injury and property damage. Use only the correct mating hardware. All associated rigging is the responsibility of others.

Do not attempt to load or stack cabinets onto the VR Cart unless you have read and properly understood all instructions.

Review all Safety Warnings and Cautions in the Owner's Manual before stacking cabinet installation or attempting to move or transport the VR Cart.

Description

The Crest Audio® Versarray™ VR Cart is designed to allow the easy and convenient transport of up to three Versarray™ 112 Mk3 or three Versarray™ Pro 112 cabinets while linked together.

This capacity allows for a very quick set-up or tear-down of a line array from one venue to the next for touring or rental applications. Featuring large heavy-duty 4" casters, including two locking casters, these provide for reliable movement of the VR Cart over most surfaces. Slot handles front and back for easy handling and for use with tie-down straps as needed. Truck friendly dimensions.

Specifications:


Construction: 25 mm Birch plywood, steel alloy retaining brackets, rugged black polyurea finish.
Slot handle front and sides.


Overall Dimensions, Including Corners, etc. H x W x D:
11.86" X 26.88" X 21.13" (30.1 cm X 68.3 cm X 53.7 cm)

Weight: 33 lbs.

SAFETY WARNINGS

CAUTION! Do not transport any extra items loose in the bottom of the VR Cart.

 Do not allow any items to stick out past the edges of the VR Cart, such as attached cables, safety ropes or wires, etc. We recommend disconnecting all wiring: signal, AC, and network cables from the cabinets before they are moved.

 Use the VR Cart only on smooth level surfaces. Use on a ramp or incline is at the user's own risk!

Before moving the VR Cart, make sure the VR112 cabinets are secure and pinned into place correctly. Check by gently tugging on the stack while the VR Cart is standing still, and with the help of a second person there to help stabilize the VR Cart if needed.

Make sure the front casters are unlocked before attempting to move the VR Cart.



Keep yourself and the VR Cart wheels away from dock, stage or platform edges.

Do not attempt to “Jump a Curb” with the VR Cart loaded with cabinets.



Do not attempt to roll over large cables, pipes or other obstacles with a loaded VR Cart.

Do not attempt to roll over loose debris, confetti, leaves or other loose and shifting materials with a loaded VR Cart.

For maximum control and safety, transport the VR Cart using two people, one on either side or end of the VR Cart.

When parking the VR Cart temporarily or during transport in a truck, lock the front casters.

**DO NOT USE THE STACKED ARRAY AS A LADDER, OR ATTEMPT TO CLIMB UP THE STACKED VR112 CABINETS!
DOING SO IS LIKELY TO DAMAGE THE CABINET HARDWARE AND RIGGING, AS WELL AS POSE A SERIOUS AND DANGEROUS SAFETY HAZARD!**

Correct use and seating of the Quick Release Push Lock Pins Used with all Versarray™ rigging hardware

When using the Quick Release Positive Lock Pins, when the Quick Release Push Lock Pins are inserted, they should be fully seated, so that the black shoulder near the end of the pin has been placed flush with the side of the bracket, or as far in as the pin hole cavity will allow it to be inserted.

You will have to fully depress the center push-button to do this.

You should not be able to pull these pins out unless the center push-button is fully depressed.

Procedure for Installing Loose VR112 MKIII / PRO Cabinets to VR Cart

1. Before attempting to install the VR112 cabinet onto the VR Cart brackets, remove the bottom front quick release lock pin. Do this on both sides. See Fig. 1 and 1a.

Figure 1



↑
Front of Cabinet

Figure 1a



2. Remove the Pivot Bar hole pin from the Angle Slider Bracket. Swing the Pivot Bar up and out of the way. See Fig. 2 and 2a

Figure 2

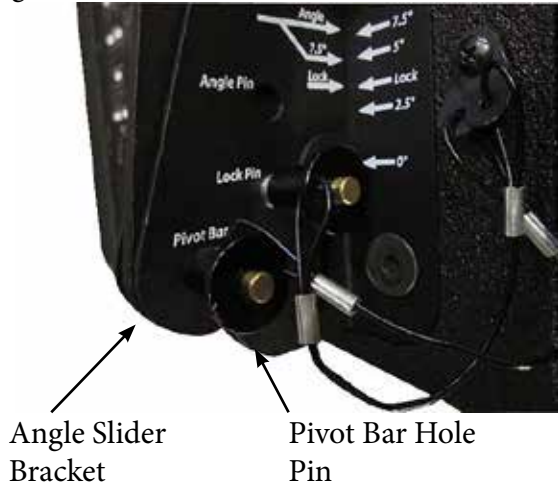


Figure 2a



3. Preset the angle for the first VR112 cabinet to 0 degrees by removing the pin from the Lock Pin hole on the Angle Slider Bracket. Adjust the Angle Slider Bracket until the angle arrow lines up with the 0 deg. angle point as shown by the arrow labeled Angle on the Angle Slider Rail. The VR Cart will only allow for the first cabinet to be adjusted to the angles of 0 degrees. Insert the pin into the Angle Pin hole. This sets the angle of the cabinet. See Fig. 3 and 3a

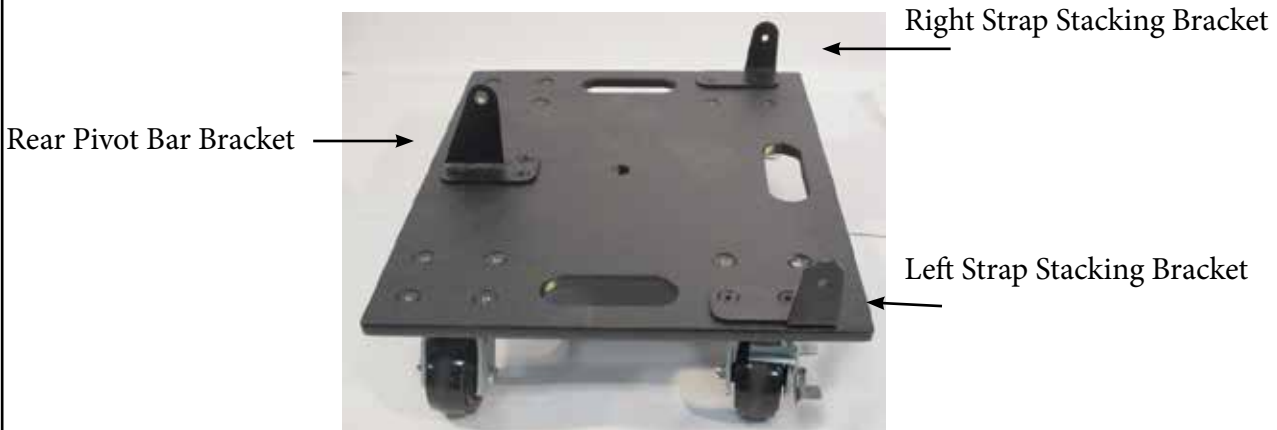
Figure 3



Figure 3a



VR Cart Hardware Labeled



4. With help from a second person, lift the VR12 cabinet and place it on the top surface of the cart, engaging the Strap Stacking Brackets and Rear Pivot Bar Bracket mounted on the cart. See Fig 4 and 4a

Figure 4



Rear Pivot Bar Bracket

Figure 4a



Strap Stacking Bracket

5. Maneuver the cabinet by hand to allow the holes on the Strap Stacking brackets and the cabinet bottom strap slots to line up. This can be achieved easily by carefully setting the cabinet down initially lining up the Strap Slots on the cabinet with the Strap Stacking Brackets. Also, lining up the Rear Pivot Bar Bracket with the Angle Slider Bracket on the cabinet. Raise the cabinet up so the front is parallel with the surface of the cart and pin first one side than the other. The pins will slide in when the cabinet is raised slightly above the base of the cart, they won't slide in if the cabinet is resting on the base. See Fig 5

Figure 5



6. Using the handle mounted on the back of the cabinet, adjust the back of the cabinet up or down to align the Pivot Bar hole on the Angle Slider Bracket to the pin hole on the Rear Pivot Bar Bracket mounted on the cart. Once the holes on the two brackets align, insert the Lock Pin. See Fig. 6 and 6a

Figure 6



Figure 6a



6. The first cabinet is now in place and is now ready to receive the second and third cabinets. See Fig. 7. No more than a total of 3 cabinets are to be stacked on to the cart. More than 3 will make the cart unstable.

Figure 7



Installation Procedure for additional loose VR112 MKIII/Pro Cabinets

1. Start by preparing the first cabinet to receive the second cabinet. This is done by removing the top front quick release lock pins. Slide the front hang straps up and pin them in place using the pins that were just removed. See fig. 8. Swing the pivot bar upwards so that it would be able to mate up with the second cabinet. See Fig. 8a

Figure 8

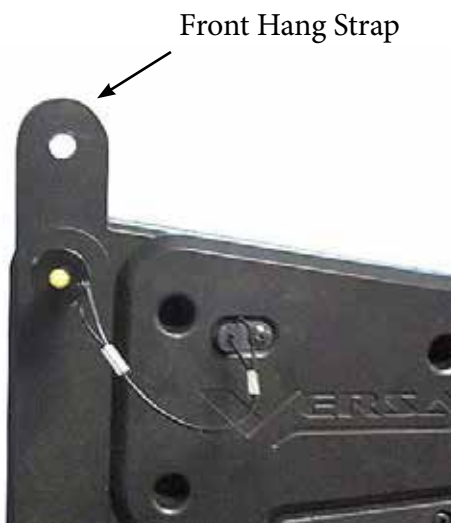


Figure 8a



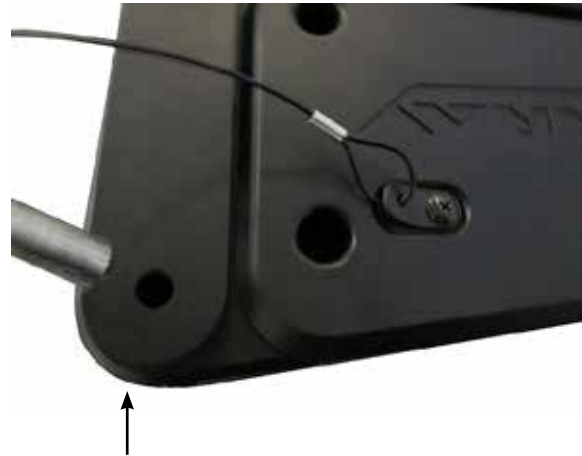
2. Now prepare the second cabinet to mate with the first. Remove the bottom front quick release lock pin on the second cabinet. Do this on both sides. See Fig. 9 and 9a.

Figure 9



Front of Cabinet

Figure 9a



Front Cabinet
Hang Strap Slot

3. Remove the Pivot Bar hole pin from the Angle Slider Bracket on the second cabinet. Swing the Pivot Bar up and out of the way. See Fig. 10 and 10a

Figure 10

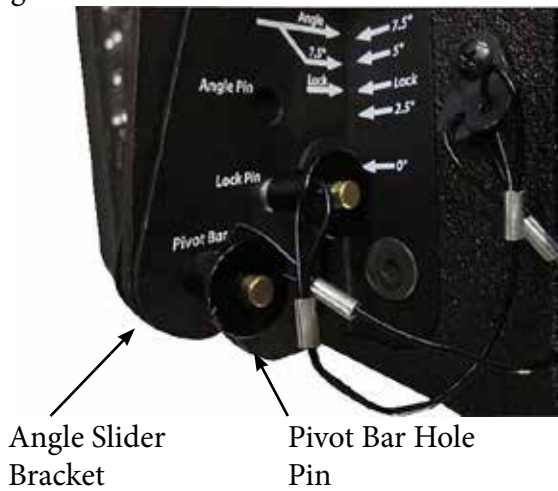


Figure 10a



4. Preset the angle for the first VR112 cabinet to 0 degrees by removing the pin from the Lock Pin hole on the Angle Slider Bracket. Adjust the Angle Slider Bracket until the angle arrow lines up with the 0 deg. angle point as shown by the arrow labeled Angle on the Angle Slider Rail. Setting the angle on the additional cabinets to more than 0 deg. is not recommended. The cart can become unstable. Insert the pin into the Angle Pin hole. This sets the angle of the cabinet. See Fig. 11 and 11a

Figure 11

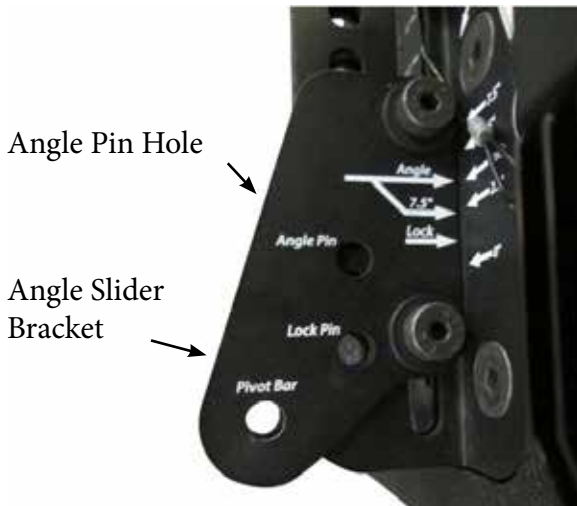


Figure 11a



5. With help from a second person, lift the second VR112 Cabinet and place it on top of the first VR112 cabinet, engaging the front hang straps of the first cabinet with the strap slots of the second cabinet. See Fig. 12

Figure 12



6. Maneuver the cabinet by hand allowing the Locking Pin to be inserted easily into the holes mating the front hang straps with the strap slots. See Fig. 13

Figure 13



7. Using the handle mounted on the back of the cabinet, adjust the back of the cabinet up or down to align the Pivot Bar hole on the Angle Slider Bracket of the second cabinet to the pin hole on the Pivot Bar of the first cabinet. Once the holes align, insert the Lock Pin. See Fig. 14 and 14a

Figure 14



Figure 14a



8. This concludes the installation of the second VR112 enclosure to the VR Cart. Repeat these steps to install a third enclosure if needed.

DO NOT install more than three VR112 enclosures onto the VR Cart.

DO NOT exceed a total of 0 degrees of cabinet angle between all three cabinets.

Procedure for Connecting a 3 Stack of VR112 Cabinets on the VR Cart to a VR Halo

1. Start by preparing the top cabinet on the cart to receive the Halo. This is done by removing the top front quick release lock pins. Slide the front hang straps up and pin them in place using the pins that were just removed. See fig. 15. Swing the pivot bar upwards so that it would be able to mate up with the VR Halo. See Fig. 15a

Figure 15



Figure 15a



2. Position the VR Cart into position under the lift that has the VR112 Halo attached. Lower the Halo into position over the top VR112 cabinet on the cart. Lower it enough so that the Halo engages the Front Hang Straps on the cabinet. See Fig. 16

Figure 16



3. Now prepare the VR Halo to mate with the top VR112 cabinet. Remove the quick release lock pins from the Front Left and Right Halo Ears. Also, remove the quick release lock pin from the Rear Bottom Halo Ear. See Fig. 17 and 17a.

Figure 17

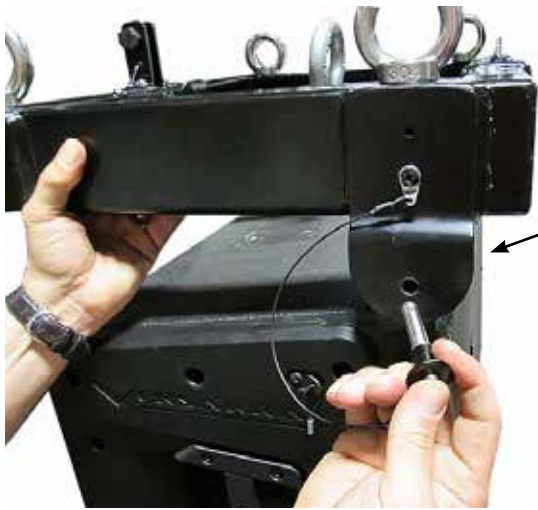
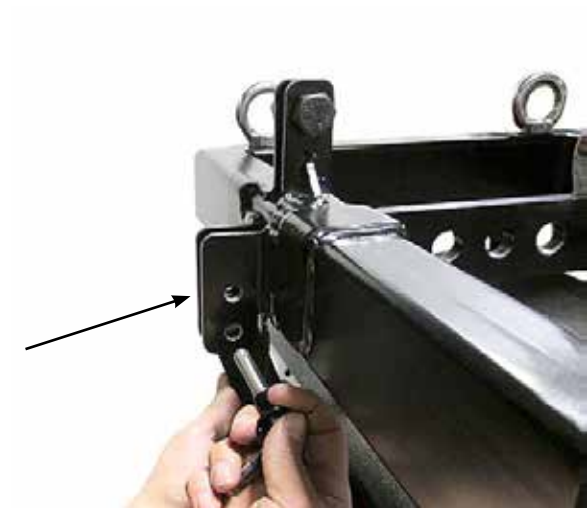


Figure 17a

Halo Ear

Rear Bottom
Halo Ear



4. Maneuver the Halo so that the top cabinet's Front Hang Straps are inserted into the Front Halo Ears of the Halo and the holes of the strap and the ears line up. Insert the quick release pins into the ears through the strap holes, first the left then the right. See Fig. 18 and 18a

Figure 18

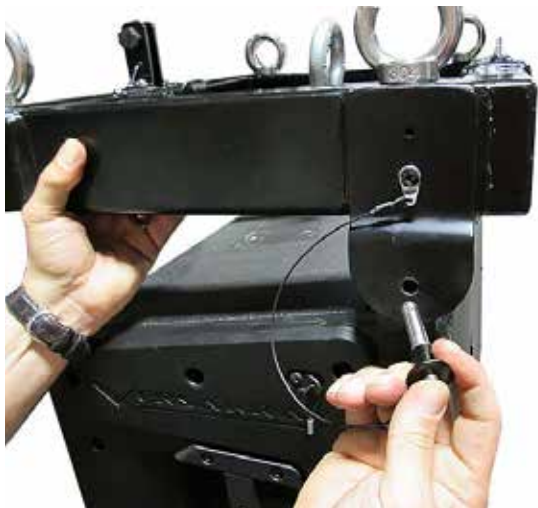


Figure 18a



5. Maneuver the Halo so that the top cabinets Pivot Arm is inserted into the Bottom Halo Ear and the bottom hole on the ear lines up with bushing on the Pivot Arm. Insert the quick release pin into the bottom hole of the ear thru the bushing. See Fig. 19 and 19a

Figure 19



Figure 19a



6. Lift the Halo with the Lift just enough to add a small amount of tension between the cabinets and the Halo.

7. Kneel down and remove the quick release pins separating the Bottom VR112 cabinet from the brackets on the cart. You might have to maneuver the cart some by hand to make it easier to remove the pins. See Fig. 20, 20a and 20b

Figure 20



Figure 20a

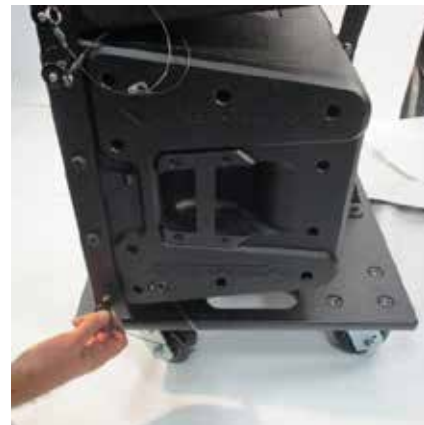


Figure 20b



8. With the bottom cabinet unpinned from the cart, now the three units can be lifted out of the cart and the cart rolled out of the way.

Procedure for Placing a Stack of VR112 Cabinets onto the VR Cart

NOTE: All cabinets being loaded onto the VR Cart must be set to 0 degrees angle between cabinets.

1. While lowering the array of VR112 cabinets, roll the VR Cart into position underneath the array with the proper orientation of the brackets to hold the cabinet correctly. Remove the quick release pins from the Front Cabinet Hang Strap Slots and the Pivot Bar Hole of the bottom cabinet. Then, continue to slowly lower the array and maneuvering the cart so that the bottom of the VR112 cabinet engages the brackets on the cart, but not quite sitting on the cart's base. The cabinet should be about 1" or slightly more above the cart base. See fig. 21

Figure 21



2. Line up the hole on the Left Strap Stacking Bracket with the hole on the Left Front Cabinet Hang Strap Slot. You might have to maneuver the cart to accomplish this. That includes slightly lifting it. Once the holes line up, insert the quick release pin into the hang strap hole of the ear thru the hole in the Strap Stacking Bracket. Repeat for the right side of the cabinet and cart. See Fig. 22 and 22a

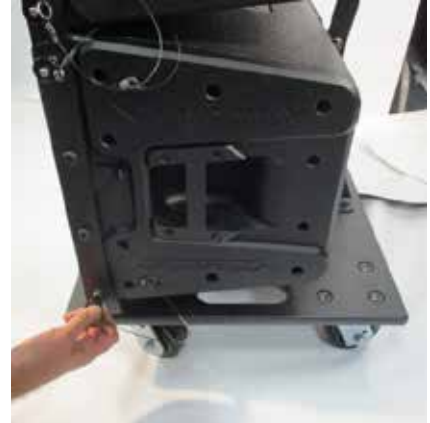
Figure 22



Front Cabinet
Hang Strap Slot

Strap Stacking
Bracket

Figure 22a



3. Line up the Pivot bar hole on the Angle Slider Bracket on the back of the bottom cabinet to the bushing hole on the Rear Pivot Bar Bracket on the cart. You might have to maneuver the cart to accomplish this. That includes slightly lifting it. Once the holes line up, insert the quick release pin into the Pivot Bar Hole thru the bushing on the Rear Pivot Bar Bracket on the cart. See Fig. 23

Figure 23



Angle Slider
Bracket

4. If there is only 3 cabinets on the array on which these 3 cabinets are from, disconnect them from the VR Halo. If they are from an array of 4 or more cabinets, disconnect them from the fourth cabinet in the array. Lift the VR Halo or the remaining cabinets up and away from the loaded cart. The 3 cabinet stack is now ready to move around using the cart.

Cautions:

We recommend to stack only three cabinets to a Cart. While a taller stack would seem to be accommodated, if more than three cabinets are stacked onto a Cart, then it could become unstable and tip over.

When parking the VR Cart temporarily, or during transport in a truck, lock the front casters.

When transporting the VR Cart, in addition to locking the front casters, the handle slots can be used for tie-down straps as needed.




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Warranty registration and information for U.S. customers available online at
www.peaveycommercialaudio.com/warranty
or use the QR tag below



Features and specifications subject to change without notice.

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 Logo referenced in Directive 2002/96/EC Annex IV
(OJ(L)37/38, 13.02.03 and defined in EN 50419: 2005
The bar is the symbol for marking of new waste and
is applied only to equipment manufactured after
13 August 2005