

# REM-RB50CM IP Curve

## User Manual



Model ID: REMRB50CMIPCURVE

## Edition Notes

The REM-RB50CM IP Curve User Manual includes a description, safety precautions, installation, programming, operation and maintenance instructions for the REM-RB50CM IP Curve as of the release date of this edition.

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## Document Printing

For best results, print this document in color, on letter size paper (8.5 x 11 in), double-sided. If using A4 paper (210 x 297 mm), configure the printer to scale the content accordingly.

## Intended Audience

Any person installing, operating, and/or maintaining this product should completely read through the guide that shipped with the product, as well as this manual, before installing, operating, or maintaining this product.

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## Document Revision

This is revision 2 of the REM-RB50CM IP Curve User Manual. Go to [www.chauvetprofessional.com](http://www.chauvetprofessional.com) for the latest version.

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# 1. Before You Begin

## What Is Included

- REM-RB50CM IP Curve
- Clamp attachment bracket (DRB-CTC)
- Clamp bolt for TRUSST CTC-50HC
- Quick Reference Guide

## Claims

Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition.

If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier immediately, not Chauvet. Failure to report damage to the carrier immediately may invalidate a claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with Chauvet within 7 days of delivery.

## Text Conventions

Convention	Meaning
<b>1–512</b>	A range of values
<b>50/60</b>	A set of values of which only one can be chosen
<b>Settings</b>	A menu option not to be modified
<b>&lt;ENTER&gt;</b>	A key to be pressed on the product's control panel

## Symbols

Symbol	Meaning
	Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.
	Important installation or configuration information. The product may not function correctly if this information is not used.
	Useful information.

## Before You Begin

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### Safety Notes

Read all the following safety notes before working with this product. These notes contain important information about the installation, usage, and maintenance of this product.



**This product contains no user-serviceable parts. Any reference to servicing in this User Manual will only apply to properly trained, certified technicians. Do not open the housing or attempt any repairs.**



**All applicable local codes and regulations apply to proper installation of this product.**

- **ALWAYS:**
  - Take environmental aspects into account when using outdoors. The performance or structural integrity of LED video panels and rigging hardware may be affected by sunlight, rain, or especially, wind.
  - Consult with a professional structural engineer for any Temporary Demountable Structure (temporary indoor or outdoor stage) designs to ensure this product can be used safely in each application.
- **DO NOT:**
  - Submerge this product (adhere to standards for the published IP rating). Regular outdoor operation is fine.
  - Permanently install outdoors in locations with extreme environmental conditions. This includes, but is not limited to:
    - Exposure to a marine/saline environment (within 3 miles of a saltwater body of water).
    - Locations that are prone to flooding or being buried in snow.
    - Other areas where the product will be subject to extreme radiation or caustic substances.
  - In the event of a serious operating problem, stop using immediately.



**If a Chauvet product requires service, contact Chauvet Technical Support.**

## 2. Introduction

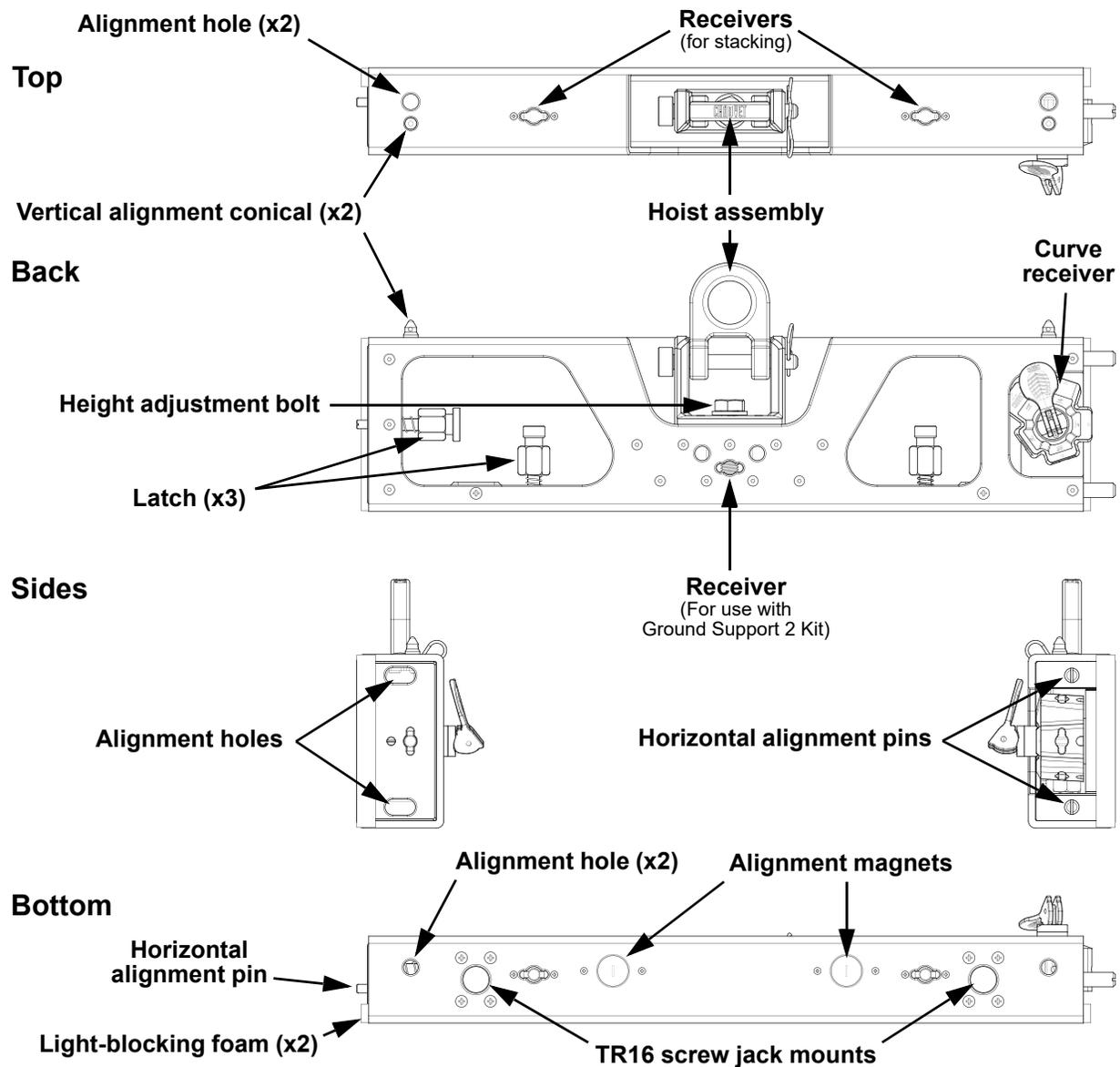
### Description

The REM-RB50CM IP Curve is a dual-function rig bar which can be used to hang video panels overhead and for ground-stacking purposes with the Ground Support 2 Kit. With an IP65 rating, use in combination with REM IP video panels for versatile and easy video wall setups almost anywhere. The new Curve Receiver enables concave and convex angles between connected REM products with no additional accessories required.

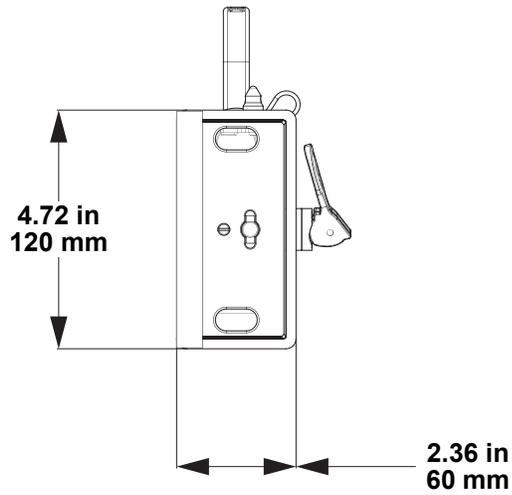
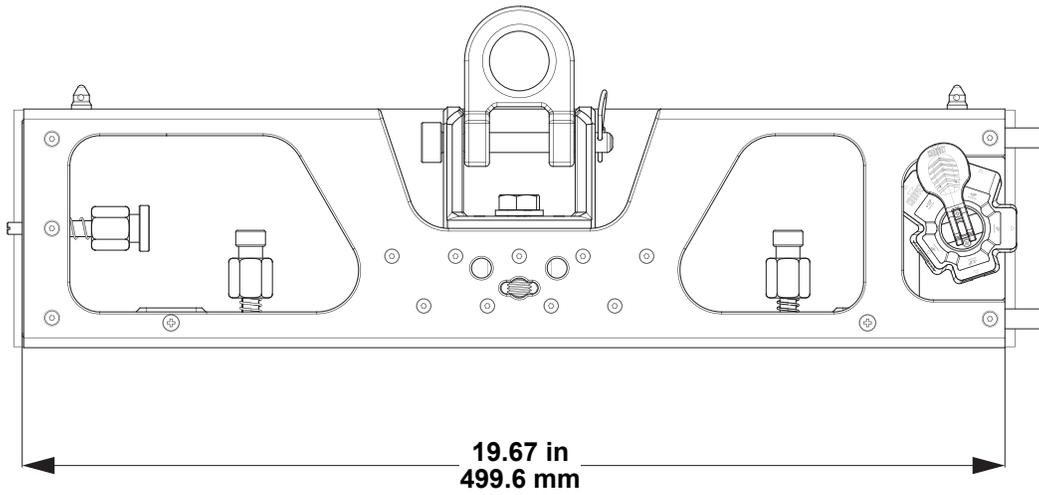
### Features

- REM Rig Bar, used for both overhead hanging and ground stacking
- Works with Chauvet REM video panels
- Equipped hoist ring supports standard rigging hardware for overhead hanging (1/2" and 5/8" shackles)
- Included Clamp attachment bracket (DRB-CTC) allows for direct connection using M12 bolts in clamps using TRUSST CTC-50HC

### Product Overview



Product Dimensions



## 3. Setup

### Mounting

Before mounting the product, read and follow the safety recommendations indicated in the [Safety Notes](#).

### Orientation

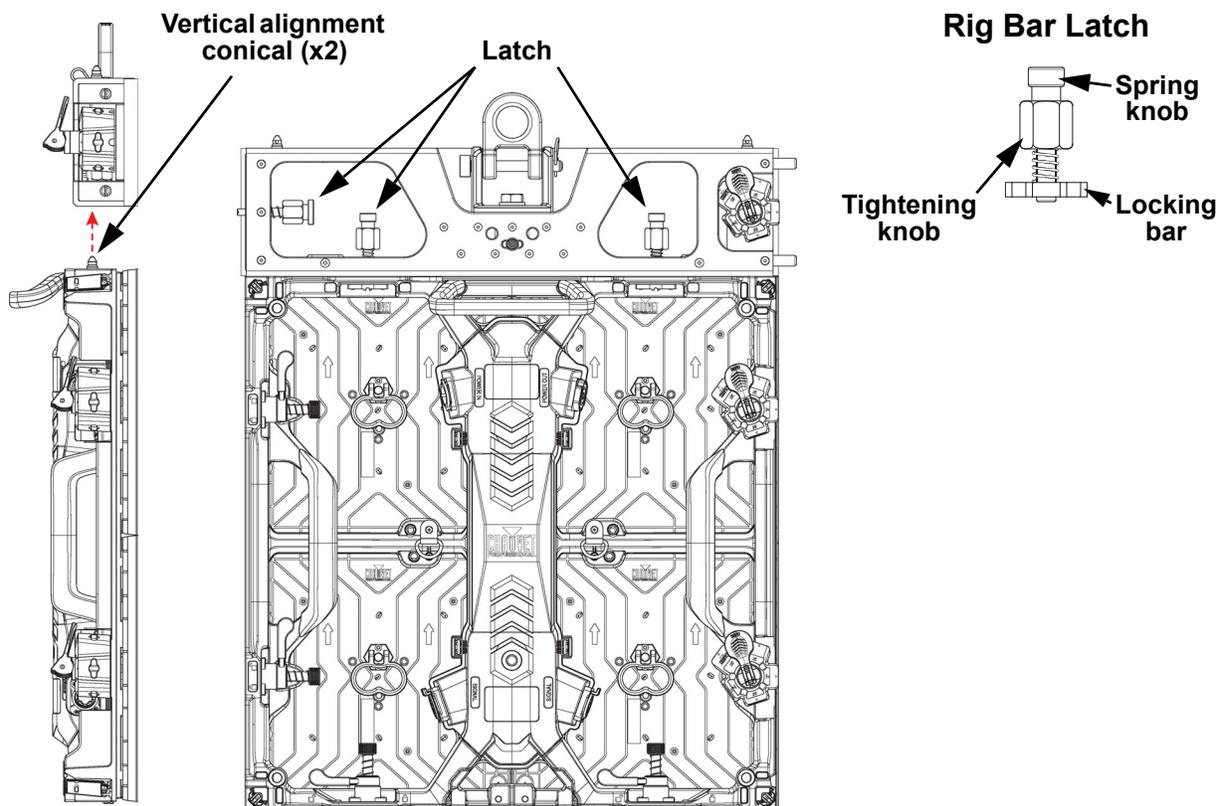
Always mount this product in a safe position, making sure there is adequate room for ventilation, configuration, and maintenance.

### Rigging

Chauvet recommends using the following general guidelines when mounting this product.

- Before deciding on a location for the product, make sure there is easy access for maintenance.
- Make sure that the structure and attachment points can support the weight before hanging the product and attaching REM video panels to it. See the [Technical Specifications](#) for weight information, and download the User Manuals for REM video panels from [www.chauvetprofessional.com](http://www.chauvetprofessional.com).
- When rigging the product onto a truss, use mounting hardware of appropriate weight capacity.

### Overhead Mounting



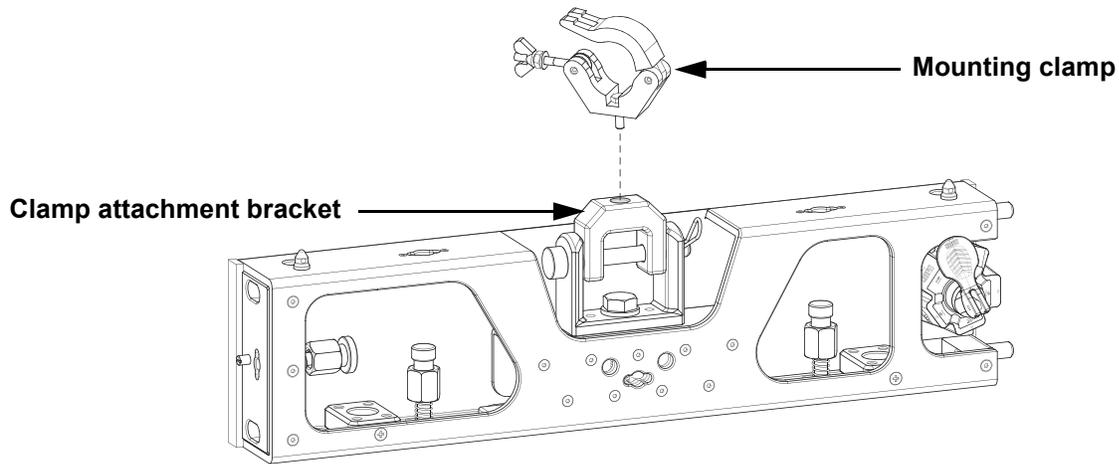
1. Insert alignment conicals into the alignment holes and allow magnets to connect.
2. Insert the rig bar latch locking bars into the receivers on the REM video panel.
3. Twist the spring knob on the rig bar latch by 90°, until it locks into place.
4. Twist the tightening knob clockwise until REM video panel is secure to the rig bar.
5. To detach the rig bar from the REM video panel, reverse the previous steps.



**Warning!** The magnetic attachments are not load-bearing, and are intended for alignment assistance only. Do not release the video panel until the hanging hardware has been fully secured.

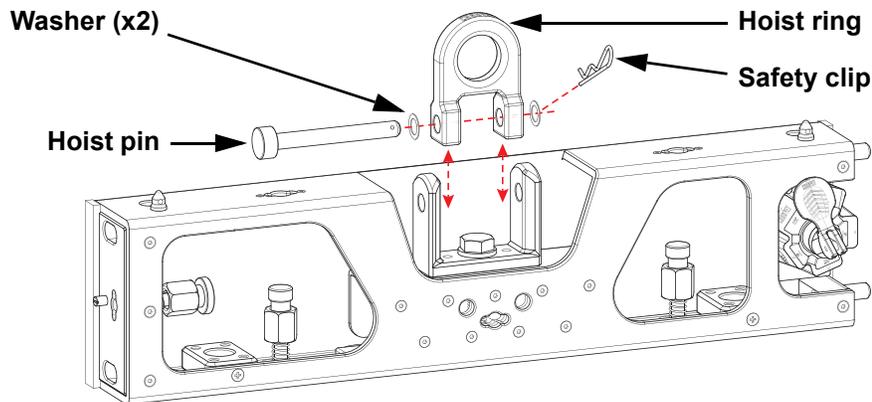
## Clamp Attachment Bracket

To mount the REM-RB50CM IP Curve overhead with standard Trusst clamps, follow the instructions under [Removing the Hoist Ring](#) and replace the hoist ring with the included clamp attachment bracket. For the Chauvet Professional line of mounting clamps, go to <http://trusst.com/products/>.



## Removing the Hoist Ring

To remove the hoist ring from the REM-RB50CM IP Curve:



1. Remove the safety clip from the hoist pin.
2. Slide the hoist pin out of the hoist assembly.



**Take special care of the washers when removing and installing the hoist pin and hoist ring. The fit between the assembly, washers, and ring is very tight.**

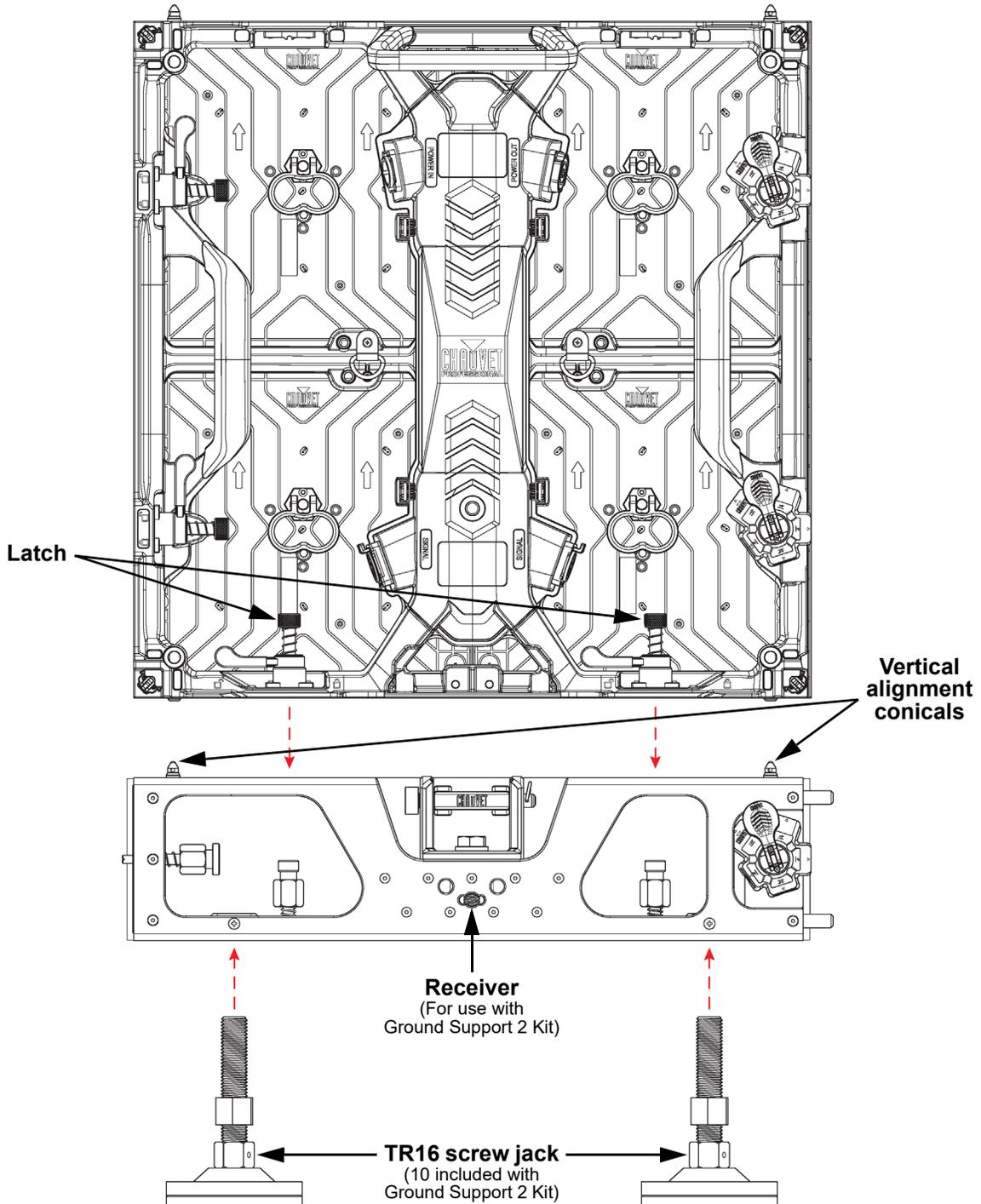
3. To re-install the hoist ring or to install the included [Clamp Attachment Bracket](#), reverse the previous steps.



**Warning! Replacing the hoist ring with other hardware may change the load capacity of the product!**

**Stacking**

Stack video panels upon the REM-RB50CM IP Curve when using with the Ground Support 2 Kit from Chauvet.



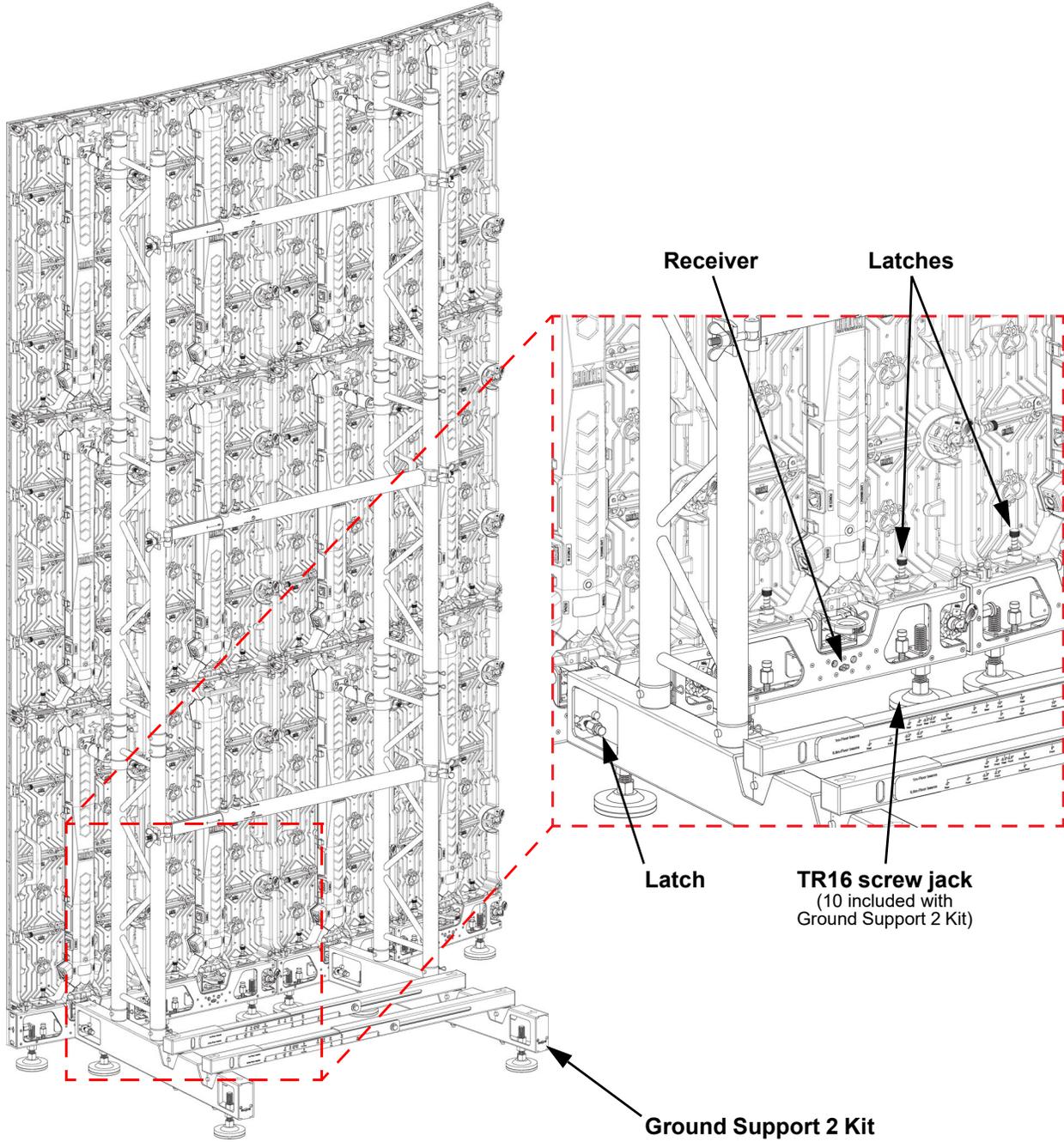
1. Insert alignment conicals into the alignment holes and allow magnets to connect.
2. Close the levers of the latches on the REM video panel.
3. To detach the rig bar from the REM video panel, reverse the previous steps.



**Warning!** The magnetic attachments are not load-bearing, and are intended for alignment assistance only. Do not release the video panel until the hanging hardware has been fully secured.

## Stacking with Ground Support 2 Kit

For more information on how to use the REM-RB50CM IP Curve with the Ground Support 2 Kit, download the User Manual for the Ground Support 2 Kit from [www.chauvetprofessional.com](http://www.chauvetprofessional.com).

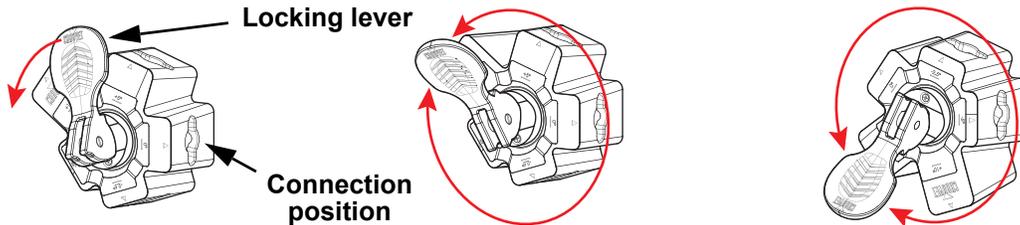


## Curve Receiver

The curve receiver of the REM-RB50CM IP Curve and REM video panels allows a convex or concave angle between rig bars and video panels without additional accessories.

To set the angle to  $-5^\circ$  (convex),  $-2.5^\circ$  (concave),  $0^\circ$  (straight),  $+5^\circ$  (concave), or  $+10^\circ$  (concave):

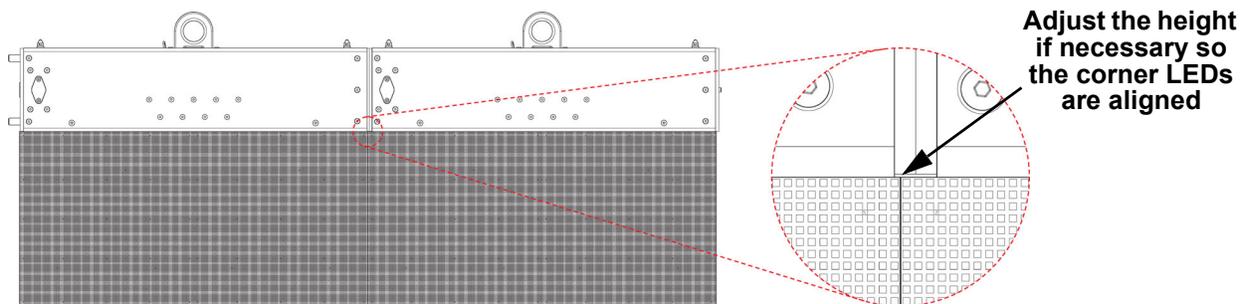
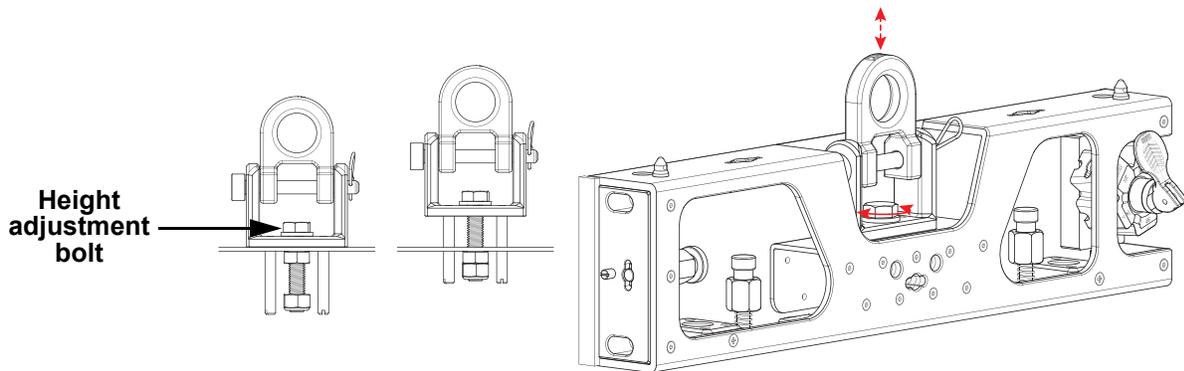
1. Pull the locking lever out, unlocking the curve receiver.
2. Rotate the curve receiver so the receiver at the desired angle is in the connection position.
3. Push the locking lever in, locking the curve receiver in place.



## Adjusting the Height

When connected video panels aren't aligning 100% correctly, adjusting the height of the REM-RB50CM IP Curve hoist ring even the smallest amount can correct the issue.

Turn the height adjustment bolt with an adjustable wrench to adjust the height of the hoist ring.



## Inspecting for Faults

Each part of the REM-RB50CM IP Curve should be regularly inspected for faults such as warping or cracking. A qualified and competent person should inspect the product for faults before each use to ensure it performs as intended.



A flat edge such as a precision level can be used to check flat surfaces for warping.



If a fault occurs in any part, that part should be taken out of use until replaced or repaired by a qualified and competent individual.

### 4. Technical Specifications

#### Dimensions and Weight

Length	Width	Height	Weight
19.67 in (499.6 mm)	2.36 in (60 mm)	4.72 in (120 mm)	16.8 lb (7.62 kg)

**Note:** Dimensions in inches are rounded.

Hanging Load Capacity	Stacking Load Capacity	Recommended Shackle Sizes
760.6 lb (345 kg)	1,752.7 lb (795 kg)	1/2", 5/8"

#### Ordering

Product Name	Item Name	Item Code	UPC Number
REM-RB50CM IP Curve	REMRB50CMIPCURVE	23092138	781462224868

## Contact Us

General Information	Technical Support
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## Warranty & Returns

For warranty terms and conditions and return information, please visit our website.

For customers in the United States and Mexico: [www.chauvetlighting.com/warranty-registration](http://www.chauvetlighting.com/warranty-registration).

For customers in the United Kingdom, Republic of Ireland, Belgium, the Netherlands, Luxembourg, France, and Germany: [www.chauvetlighting.eu/warranty-registration](http://www.chauvetlighting.eu/warranty-registration).