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ML5 GROUNDSTACKKIT Ground Stack Kit

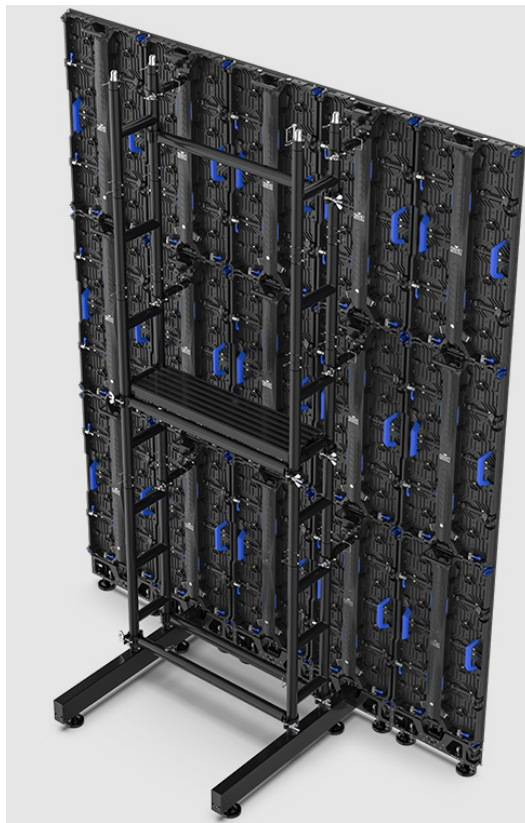# ML5 GROUNDSTACKKIT Ground Stack Kit User Guide

Contents

ML5 GROUNDSTACKKIT Ground Stack Kit

Safety Notes

These Safety Notes include important information about installation, use, and maintenance of the Ground Stack Kit.

CAUTION:

- This product contains no user-serviceable parts.
- The climbing platform can support up to 250lbs.
- Only qualified and competent persons should use the climbing platform.
- The ballast weights stated in this specification are for indoor usage only. If this kit is used outdoors, the unit must be protected from wind and additional ballast (as determined by a qualified and competent rigger) must be used.
- This product should only be used by competent and qualified persons.

ALWAYS:

- Use adequate safety hardware to prevent injury from falling.
- Ensure that the floor structure is stable and immobile.
- When selecting an installation location, consider ease of access for operation and routine maintenance of attached panels.

DO NOT:

- Submerge this product (adhere to standards for the published IP rating). Regular outdoor operation is fine.
- Use the kit if any welded joints are cracked or appear damaged in any way.

- 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 where normal temperatures exceed the temperature ranges in this manual.
- 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.

What is Included

- 1 Customized road case (ships prepacked)
- 2 Floor bars
- 6 Panel attachment arm
- 5 Ladder pipe with clamp
- 4 0.5M truss
- 4 1m truss
- 8 TR16 screw jack
- 1 climbing platform
- 13 M12 F-series cabinet screws
- 6 REM bracket
- 13 truss double sided connector AL6063
- 25 truss pins with clip
- 1 6in bubble level
- Quick Reference Guide

Setup

To ensure stability during operation, place ballast weights (sandbags or steel weights) evenly over the floor bars or the ladder pipe.

Sandbag placement
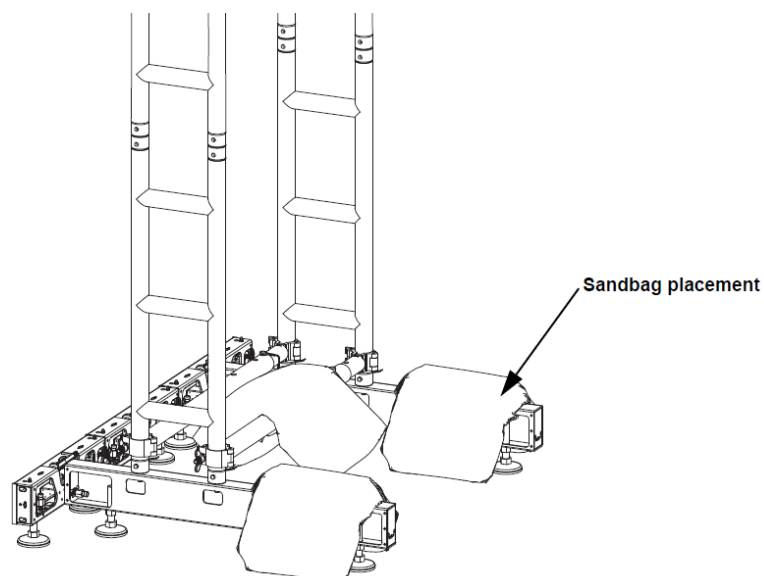
Ballast Weight Requirements

- Ballast per 1M Height Stack Ballast per 2M Height Stack Ballast per 3M Height Stack
- 150 lb (68 kg) 200 lb (90.7 kg) 275 lb (124.7 kg)

The ballast weights stated in this specification are for indoor usage only. If this kit is used outdoors, the unit must be protected from wind and additional ballast (as determined by a qualified and competent rigger) must be utilized.

Mounting Procedure (REM)

The Ground Stack Kit is compatible with REM video panels. To connect the REM panels to the Ground Stack Kit:

1. Attach the video panel to the rig bar panel by aligning the magnetic alignment conicals and locking the male speego connections.
2. Attach the panel bracket to the carry handle of the video panel.
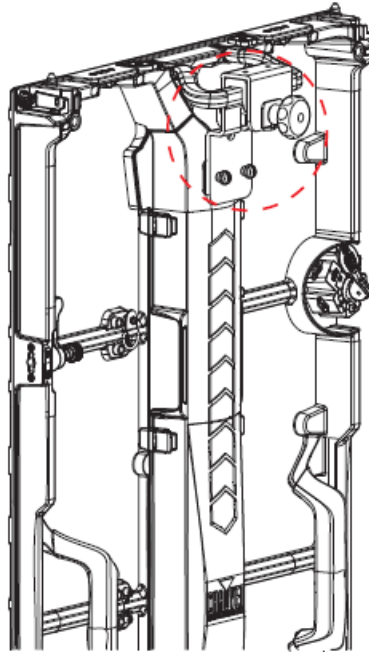
Tighten the panel bracket with bare hands. DO NOT use tools to tighten.
3. Place the panel attachment arm over the panel attachment screws and move down to secure.
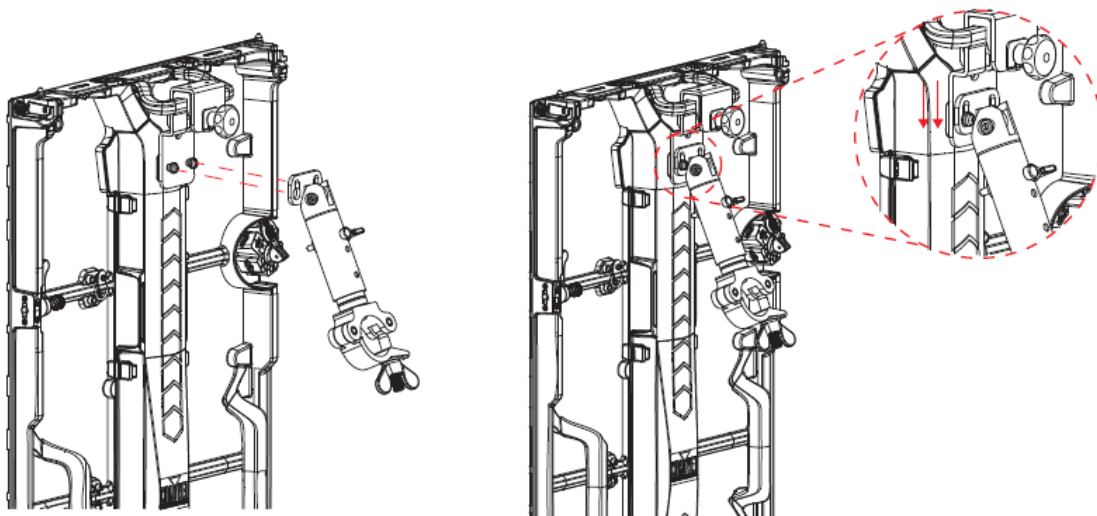
4. Secure the clamp of the panel attachment arm to the ladder truss.
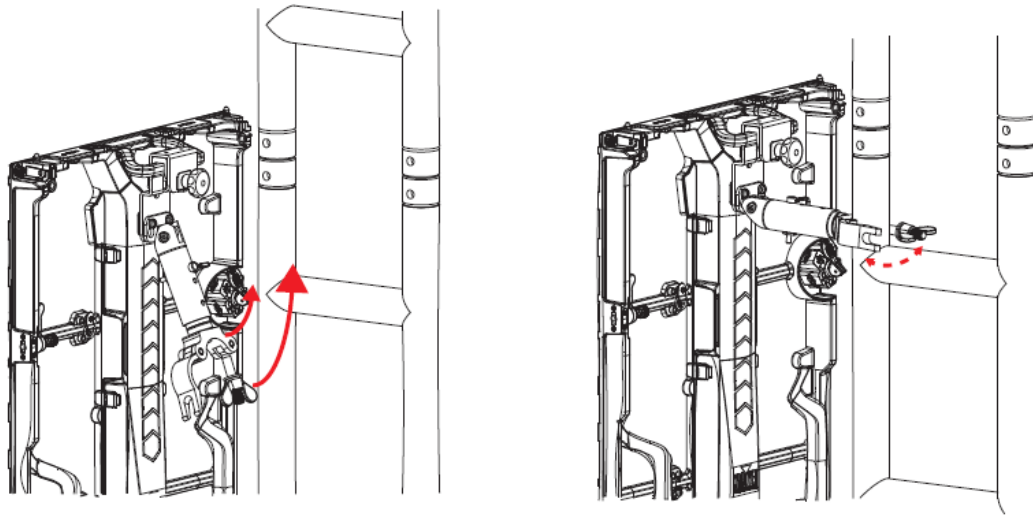
5. Continue to stack the ladder truss and video panels for the desired video wall size. Connect each panel horizontally to the panel next to it with the speego connectors. As each row of panels is added on the Ground Stack Kit, continue to ensure the entire system remains level!
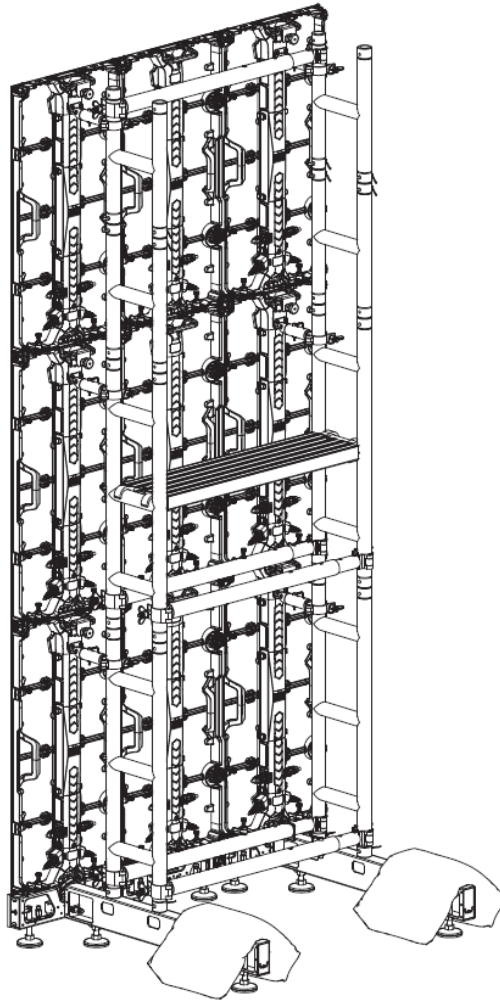
Supports walls between 4.92 ft (1.5 m) and 6.56 ft (2 m) wide, and as high as 9.85 ft (3 m) tall. Combine additional Ground Stack Kits to achieve wider walls.

Warning! If the rig bars and floor bases are not completely level, the Ground Stack Kit may be unstable, lean forward or backwards, or collapse. This may cause severe damage to equipment, products, flooring, or people!

Mounting Procedure (F-Series)
If the F-series video panels being used have threaded mounting holes in the center position, it is recommended to use them instead of the threaded mounting holes in the corner positions.

1. Attach the F-series video panel to the rig bar panel by aligning the magnetic alignment conicals and locking the male speego connections.
2. Insert the M12 panel attachment screws into the center-position M12 threaded mounting holes and secure with a 3 mm hex key.
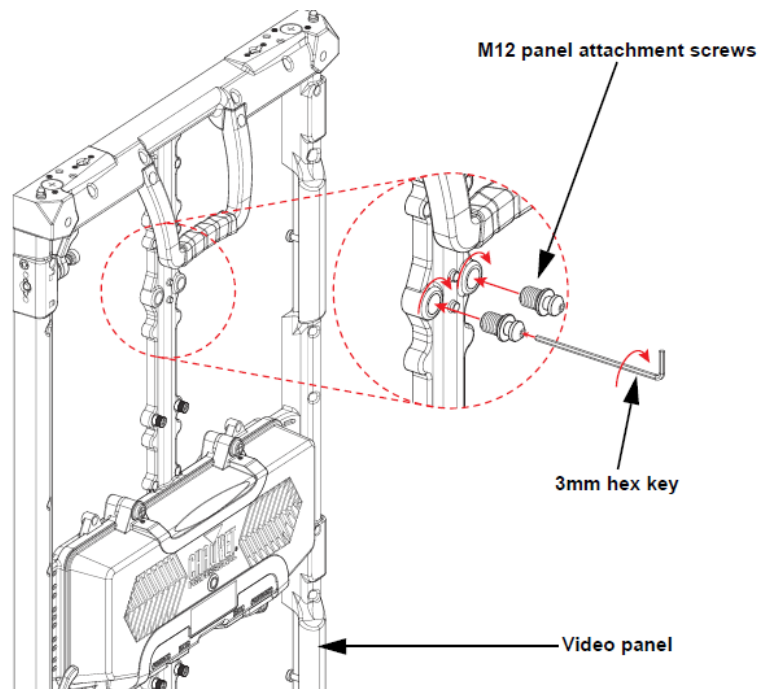
The F2 and F5IP video panels have frames with a center mounting position. The F3 video panel will need the panel attachment screw inserted at the corner of the frame. Both the F4IP and Vivid 4 have been upgraded with center mounting position frames, and may vary depending on order date.

3. Set the panel attachment arm to the 3rd locking level.
   - **a**. Remove the safety pin from the panel attachment arm.
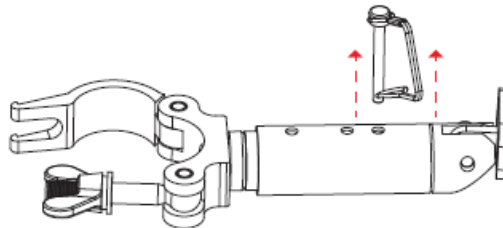
   - **b**. Adjust the panel attachment arm to the 3rd locking level and insert/lock the safety pin.
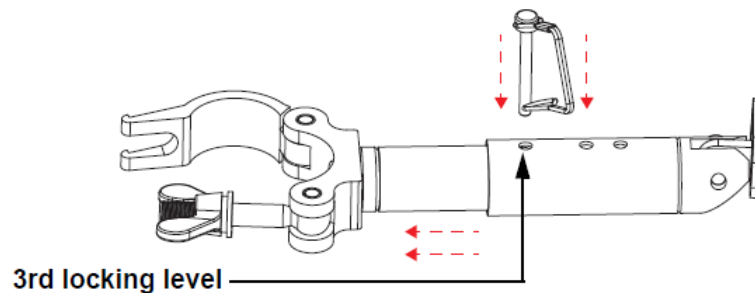
4. Place the panel attachment arm over the panel attachment screws and move down to secure.

M12 panel attachment screws

Panel attachment arm
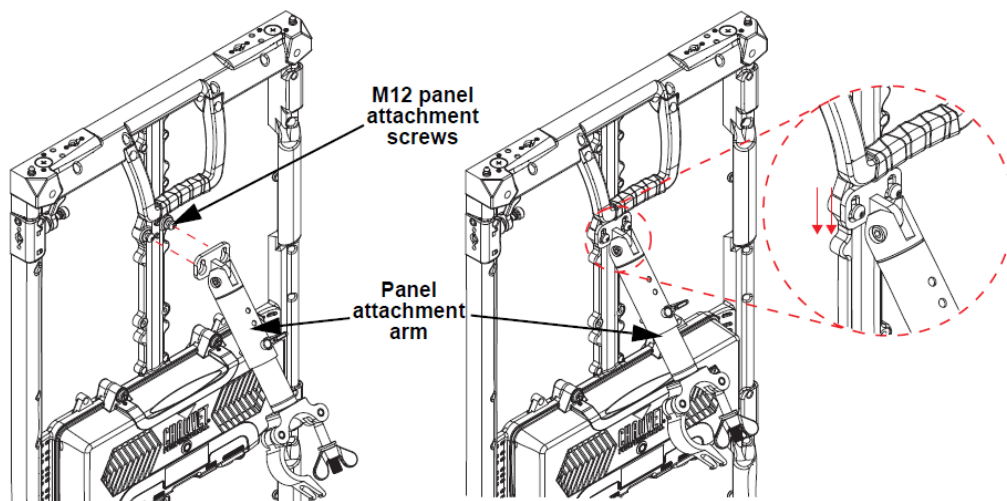
5. Secure the clamp of the panel attachment arm to the ladder truss.
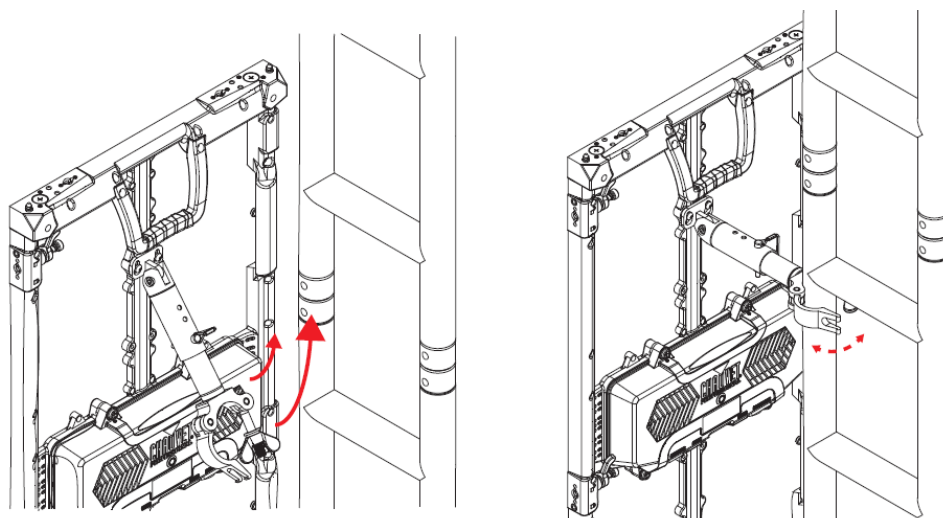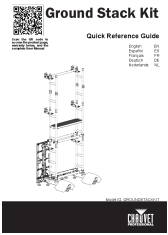
6. Continue to stack the ladder truss and video panels for the desired video wall size. Connect each panel horizontally to the panel next to it with the speego connectors. As each row of panels is added on the Ground Stack Kit, continue to ensure the entire system remains level!
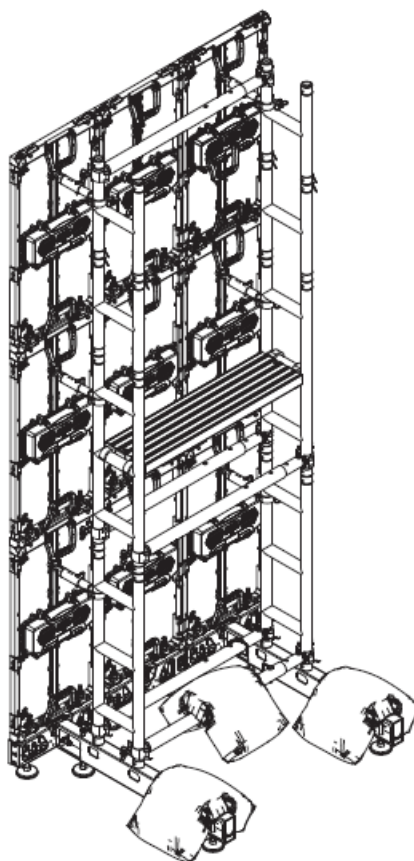
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Documents / Resources

ML5 GROUNDSTACKKIT Ground Stack Kit [pdf] User Guide
Rev 1, GROUNDSTACKKIT Ground Stack Kit, GROUNDSTACKKIT, Ground Stack Kit, Stack Kit

References

- **User Manual**