HoverGrid™ Flyable Video Wall Frames

MODULAR VIDEO RIGGING SYSTEM

MVFS Series

FEATURES

- Rugged tubular construction
- Rigid vertical & horizontal interlocking
- Black powder coat finish
- Suspend monitors up to 8 columns high
- Quick release pins for fast set-ups
- Compression cam locking
- Precision connecting bars assure proper LCD spacing
- Back braces and alignment pins hold grid rigid
- Quick mounting VESA buttons attach LCDs

MVFS Structural View

HoverGrid™

The HoverGrid LCD Rigging System is used in dozens of applications around the world. Its standard components allow for an infinite range of custom video wall configurations in both landscape and portrait orientations. Video walls can be assembled to any width and up to eight monitors high using standard components.

HoverGrid's rugged tubular construction keeps the weight down and the strength up and very suitable for the rental and staging industry with the quick connect hardware option. This makes HoverGrid most noted for its quick set up and tear down attributes for live events and conventions.

Many permanent applications are also in use thanks to HoverGrid's expandable and flyable features. No competition with other visual advertising that is more traditionally placed on the floor or attached to a wall. Use HoverGrid anywhere to get message visibility, retention and sales.

Adaptive Technologies Group
1635 E. Burnett Street | Signal Hill, CA 90755 USA
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www.adapttechgroup.com

ADAPTIVE TECHNOLOGIES GROUP

CAUTION! - Rigging objects overhead is a serious endeavor and requires careful planning and the use of load-rated equipment. Misuse of this product can lead to equipment damage and/or personal injury. Before placing HoverGrid into overhead service, study the assembly procedures carefully. Contact Adaptive with any questions before proceeding

Interlocking Rigging Beams

HoverGrid™

The following configurations represent popular video display patterns, but many more variables are available. Contact our applications department for assistance in designing a custom display that assures a safe and easy to install video wall. 562-424-1100

MODULAR VIDEO RIGGING SYSTEM — MVFS Series

ONE COLUMN RIGGING BEAMS

MVFS-X551-X1RBL (Landscape)

Working load: Using two inner hang points = 1060 lb./482

KgWorking load: Using two outer hang points = 895 lb./407

Kg.Design Factor 10:1 ratio

Material: Alloy Steel tubing

Finish: Powder coat paint

Color: Black

Weight: 13.1 lb./5.6 Kg

Shipping weight: 21.4 lb./9.7 Kg

Pack Count: One

Single Column Rigging Beam

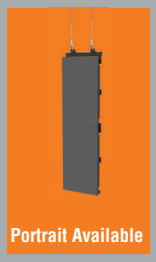
1 wide by 4 deep LCD's (8 Deep Maximum)

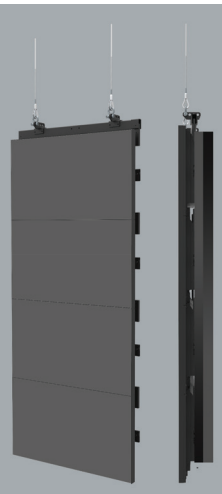
For Permanent installations

- 4 pcs. MVFS-X551-T LCD Frame
- 1 pc. MVFS-X551-X1RBL 1-Way Rigging Beam
- 2 pcs. MVFS-1.5X2-SME Shackle Mount
- 1pc. MVFS-X551-X4RBP Rigging beam portrait (used as a back brace)

Optional: add the folowing kits KITS for STAGING AND RENTALS

- 4 pcs. MVFS-025-T-QRP 8pcs 1/4" Quick Release Pin / lanyard kit
- 1 pc. MVFS-1.5-X1QRP 2pcs 1/4" Quick Release Pin / lanyard kit
- 2 pcs. MVFS-375-ME-QRP 2pcs 3/8" Quick Release Pin / lanyard kit





TWO-COLUMN RIGGING BEAMS

MVFS-X551-X2RBL (Landscape)

Working load: Using two inner hang points = 1060 lb./482

KgWorking load: Using two outer hang-points = 895 lb./407

Kg.Design Factor 10:1 ratio

Material: Alloy Steel tubing

Finish: Powder coat paint

Color: Black

Weight: 13.1 lb./5.6 Kg

Shipping weight: 21.4 lb./9.7 Kg

Pack Count: One

Dual Column Rigging Beam

2 wide by 2 deep LCD's (8 Deep Maximum)

For Permanent installations

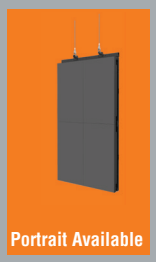
- 4 pcs. MVFS-X551-T LCD Frame
- 1 pc. MVFS-X551-X2RBL 2-Way Rigging Beam
- 2 pcs. MVFS-1.5X2-SME Shackle Mount
- 2pcs. MVFS-X551-X2RBP Rigging Beam (used as a back brace)

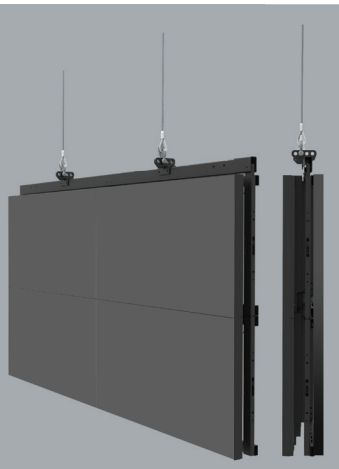
Optional: add the folowing kits for STAGING AND RENTA LS

4 pcs. MVFS-025-T-QRP 8pcs 1/4" Quick Release Pin / lanyard kit

1 pc. MVFS-1.5-X2QRP 4pcs 1/4" Quick Release Pin / lanyard kit

2 pcs. MVFS-375-ME-QRP 2pcs 3/8" Quick Release Pin / lanyard kit





THREE-COLUMN RIGGING BEAMS

MVFS-X551-X3RBL (Landscape)

Working load: Using two hang points (Inner holes)= 1002 lb./455.5 kg.

Working load: Using Three hang points = 1768 lb./804 Kg.

Design Factor: 10:1 ratio

Material: Alloy Steel tubing

Finish: Powder coat paint

Color: Black

Weight: 39.3 lb./17.9 kg.

Shipping weight: 47.6 lb./21.6 Kg.

Pack Count: One

Three Wide Column Rigging Beam

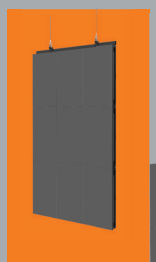
3 wide by 3 deep LCD's (8 Deep Maximum)

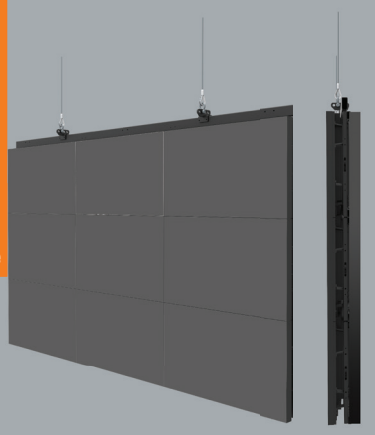
For Permanent installations

- 9 pcs. MVFS-X551-T LCD Frame
- 1 pc. MVFS-X551-X3RBL 3-Way Rigging Beam
- 2 pcs. MVFS-1.5X2-SME Shackle Mount
- 2 pcs. MVFS-X551-X3RBP 3-Way Rigging Beam (used as a back brace)

Optional: add the folowing kits for STAGING AND RENTA LS

- 9 pcs. MVFS-025-T-QRP 8pcs 1/4"Quick Release Pin / lanyard kit
- 1 pc. MVFS-1.5-X3QRP 6pcs 1/4"Quick Release Pin / lanyard kit
- 2 pcs. MVFS -375-ME-QRP 2pcs 3/8" Quick Release Pin /lanyard kit





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Set Up

STEP 1– Assemble the first tier of HoverGrid™s. Optional helper legs make this process even easier.

STEP 2 – Thread the VESA buttons into the LCDs then attach the LCD to the HoverGrid™.

STEP 3– Pin the frames vertical connecting bars up and into the rigging beam

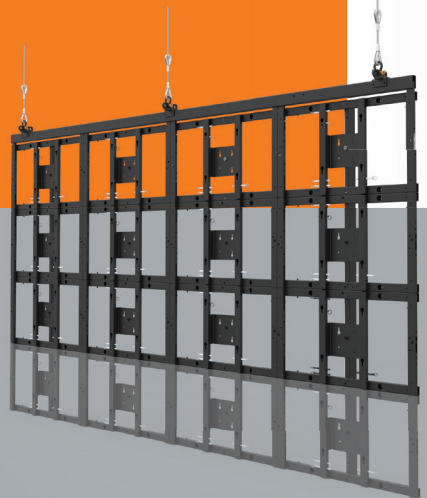
STEP 4– Raise the rigging beam & first tier of LCDs then assemble the next tier of monitors and frames.

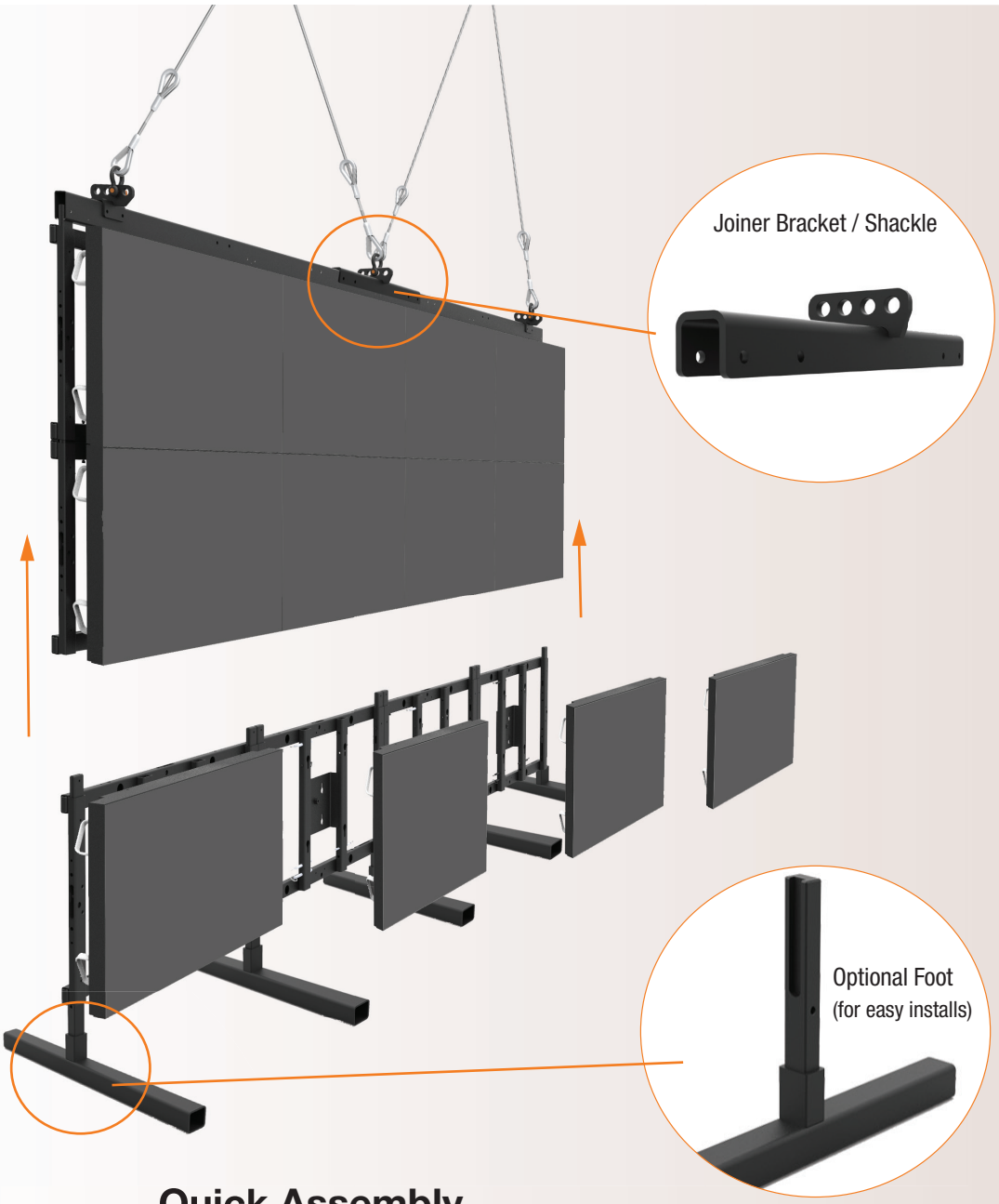
STEP 5– Pin up the connecting bars of the second tier, into the first tier and raise the tiers together.

STEP 6 – Repeat until all tiers have been connected then secure with the back braces for perfect vertical alignment.

STEP 7 – To place the monitor surfaces on same plane, adjust the VESA buttons in back in or out.

STEP 8– To replace a bad monitor, back out all four VESA buttons from the back with someone in front to receive it.





Quick Assembly

Use Adaptive's HoverGrid™ video wall framing system to build and fly video walls quickly for rental or staging and for permanent digital signage installations where impressive, bigger-than-life visual messages can be flown from overhead.

HoverGrid™ frames are interlocking assemblies that, when joined together, form a rigid grid-work for attaching LCDs. Frames interlock vertically, up to eight monitors high, and horizontally as many monitors as you wish. The HoverGrid™ system comes with individual model-specific frames, a choice of 1, 2 or 3-wide overhead rigging beams, shackle suspension mounts and joiner brackets, back-braces and quick-connect aircraft pins.

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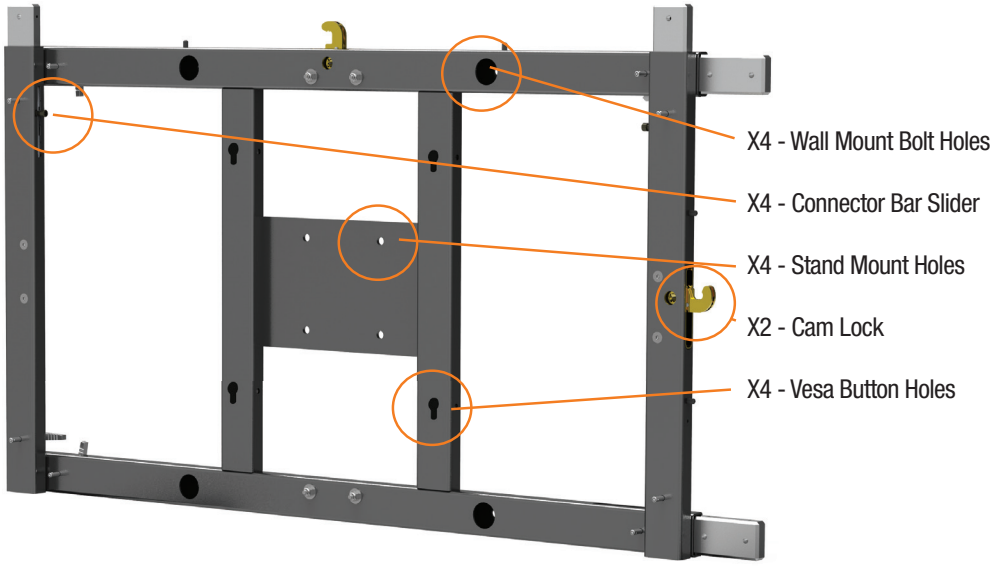
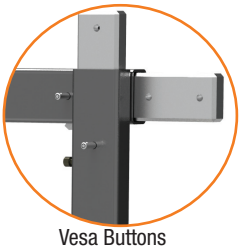


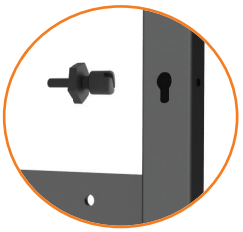
Connecting Bars
(Stowed Position)

Interlock Position



Cam Lock

Vesa Buttons
& Eyeholes



MVFS-1.5X2-SME

Shackle Mount - Extended - Minimum 2 required

MVFS-BACK BRACE *

Back Brace - 1 required per column

MVFS-1.5X2-SMC

Rigging Beam Connector – Shackle Mount

OPTIONAL ACCESSORIES

Electric Hoists

1 Ton Hoist

Electrical Components

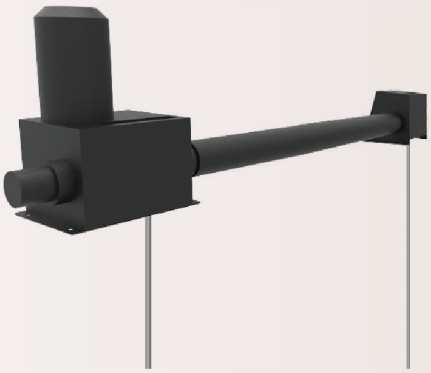
240/110V

Break Out Box

Wall Switch

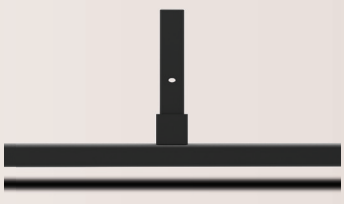
Electric Winches

1/2 Ton Lift



Assembly Foot

Floor Alignment Stand - 2 Per Frame



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