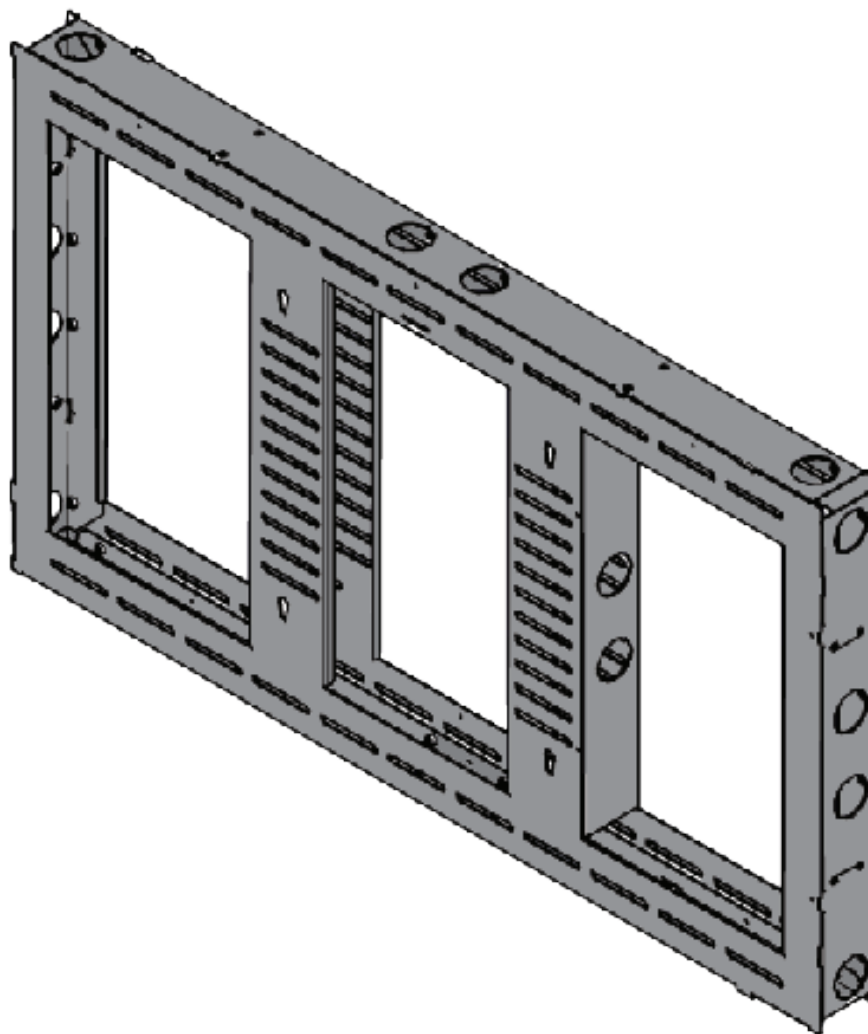


INSTALLATION INSTRUCTIONS



MVW55

Video Wall Frame

NORTH AMERICA

1321 S. State College Blvd.
Fullerton, CA 92831 USA

USA and Canada

Phone: 1.800.368.9700

Fax: 1.800.832.4888

Other Locations

Phone: (001).714.632.7100

Fax: (001).714.632.1044

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Unit 3, The Moorings Business Park

Channel Way, Longford

Conventry, CV6 6RH,

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Fax: +44 (0) 2476 644165



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Warning Statements



Prior to the installation of this product, these installation instructions must be read and completely understood. Keep these installation instructions in an easily accessible location for future reference.



Video Wall Tolerance Disclaimer

Premier Mounts manufactures all video wall frames with a maximum tolerance of 0.015 inches between the mounting pattern and the frames outside perimeters.

Even though Premier Mounts provides different hardware options for precision alignments, alignment issues may occur due to higher tolerance levels for display mounting patterns or the structural integrity of the mounting surface, which may react to the total weight of the attached structure.



Proper installation procedure by a qualified service technician must be followed, as outlined in these installation instructions. Failure to do so could result in property damage, serious personal injury, or even death.



Safety measures must be practiced at all times during the assembly of this product. Use proper safety equipment and tools for the assembly procedure to prevent personal injury.



Premier Mounts does not warrant against damage caused by the use of any Premier Mounts product for purposes other than those for which it was designed or damage caused by unauthorized attachments or modifications, and is not responsible for any damages, claims, demands, suits, actions or causes of action of whatever kind resulting from, arising out of or in any manner relating to any such use, attachments or modifications.



At least two qualified people should perform the assembly procedure. Personal injury and/or property damage can result from dropping or mishandling your electronic equipment.



Be aware of the mounting environment. If drilling and/or cutting into the mounting surface, always make sure that there are no electrical wires on the floor. Cutting or drilling into an electrical line may cause serious personal injury.

Do not install on a structure that is prone to vibration, movement or chance of impact. Failure to do so could result in damage to the flat-panel and/or damage to the mounting surface.



This product is intended for indoor use only. Use of this product outdoors could lead to product failure and/or serious personal injury.



Do not install near sources of high heat. Do not install on a structure that is prone to vibration, movement or chance of impact.




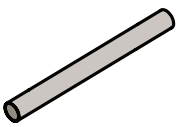

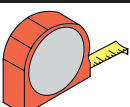
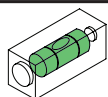


Contact Premier Mounts with any questions:
(800) 368-9700
mounts@mounts.com



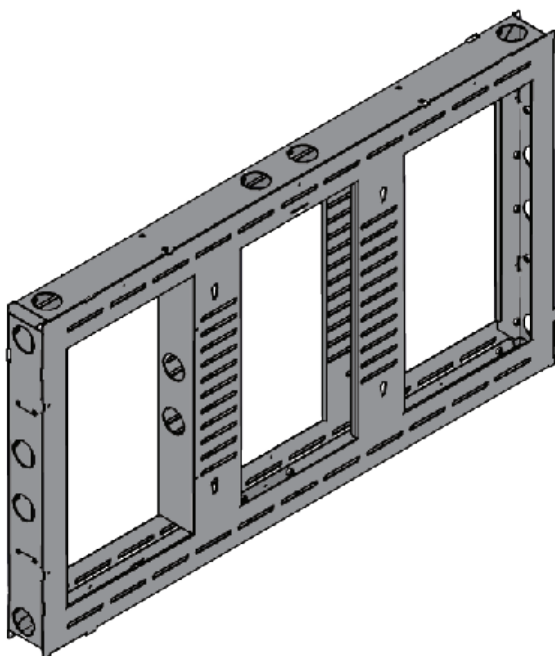

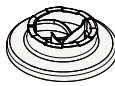




Installation Tools

The following tools may be required depending upon your particular installation. They are not included.

 Rigging Hardware	 Ladder	 M6 Allen Wrench	 Heavy-Duty Steel Tube Long Enough to Hang MVW55(s)
 #2 Phillips Tip Screwdriver	 Tape Measure	 Level	

Parts List

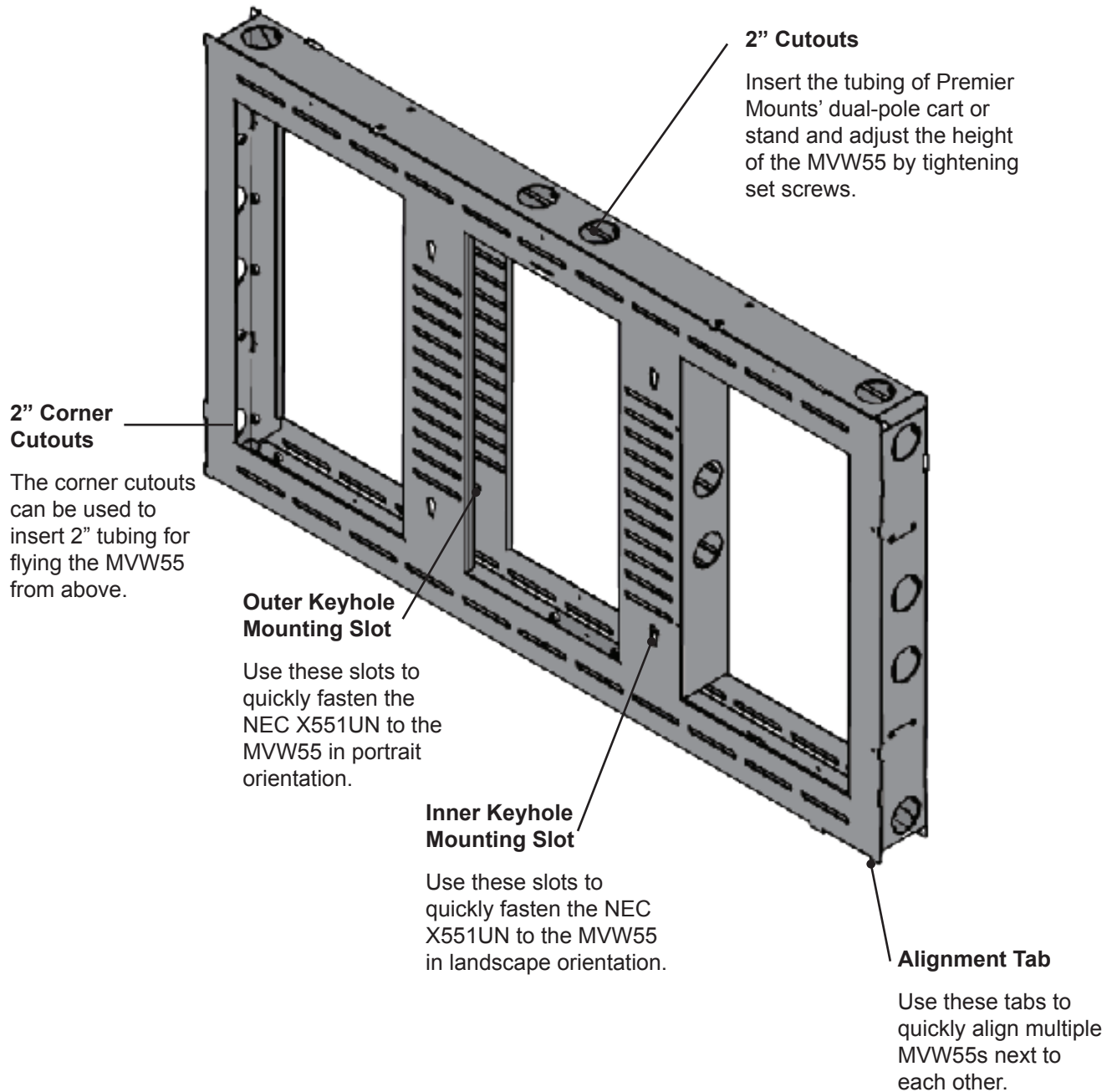
Make sure your Premier Mounts product has the following hardware and components before beginning installation. If there are parts missing and/or damaged, stop the installation and call Premier Mounts at (800) 368-9700.

MVW55 Hardware			
 MVW55 Video Wall Frame (Qty 1)	 M8 x 16mm Pan Phillips Screw (Qty 8)	 Universal Spacer (Qty 8)	
	 M8 x 16mm Set Screw (Qty 4)	 M6 x 20mm Pan Phillips Screw (Qty 4)	
	 M6 x 25mm Pan Phillips Screw (Qty 4)	 6mm Quick-Release Button (Qty 4)	



Features

The MVW55 Video Wall Frame is designed for mounting the NEC X551UN to Premier Mounts' dual-pole carts and stands, or flying them from above. They can be installed in either portrait or landscape orientation. Quick-release buttons make it easier than ever to install the displays, which can be attached to the front and/or back of the MVW55. You can join multiple MVW55s horizontally and/or vertically to create a video wall.





Installing the MVW55

Introduction

The Premier Mounts MVW55 Video Wall Frame is designed for use with Premier Mounts' dual-pole carts and stands, as well as for flying from above. You may use one MVW55 as a standalone mount, or multiple MVW55s to create a video wall display.

Please read through the safety instructions before installation.

Are you mounting the MVW55 to a cart or stand, or flying from above?



If **dual-pole cart or stand**, continue to **Cart Or Stand Installation** below.

If **flying from above**, go to **Flying Installation** on page 8.

Dual-Pole Cart Or Stand Installation

Step 1

Illustrations show only some of the installation configurations possible with the MVW55s.

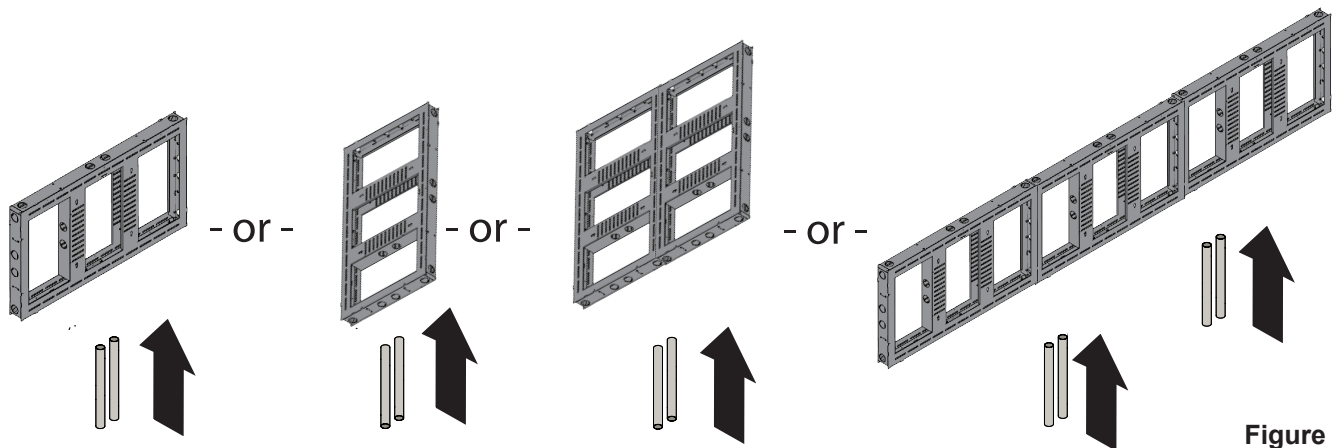
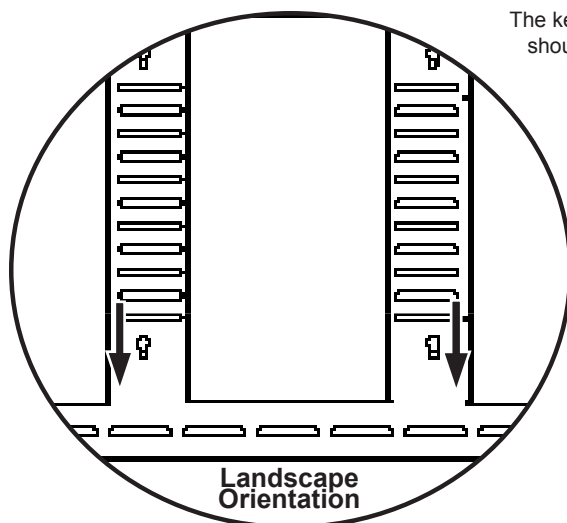


Figure 1

Insert the tubing of the Premier Mounts dual-pole cart(s) or stand(s) into the 2" circular cutouts of the MVW55(s) depending on the installation (Figure 1).

Make sure the MVW55 keyhole mounting slots are in the correct orientation for portrait or landscape orientation (Figure 2), so that they can support the flat-panel display(s) later.



The keyhole mounting slots should point downward.

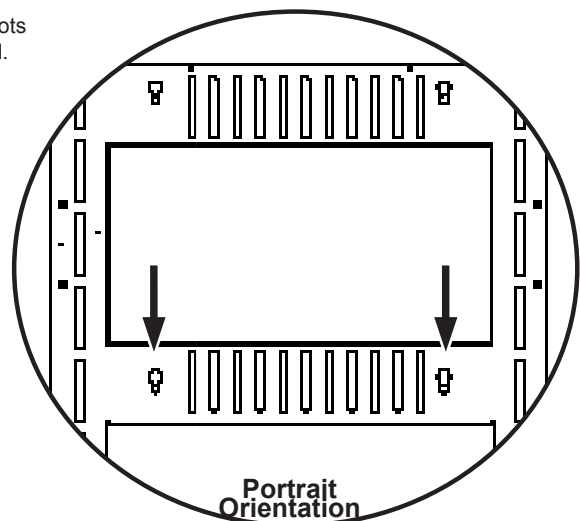
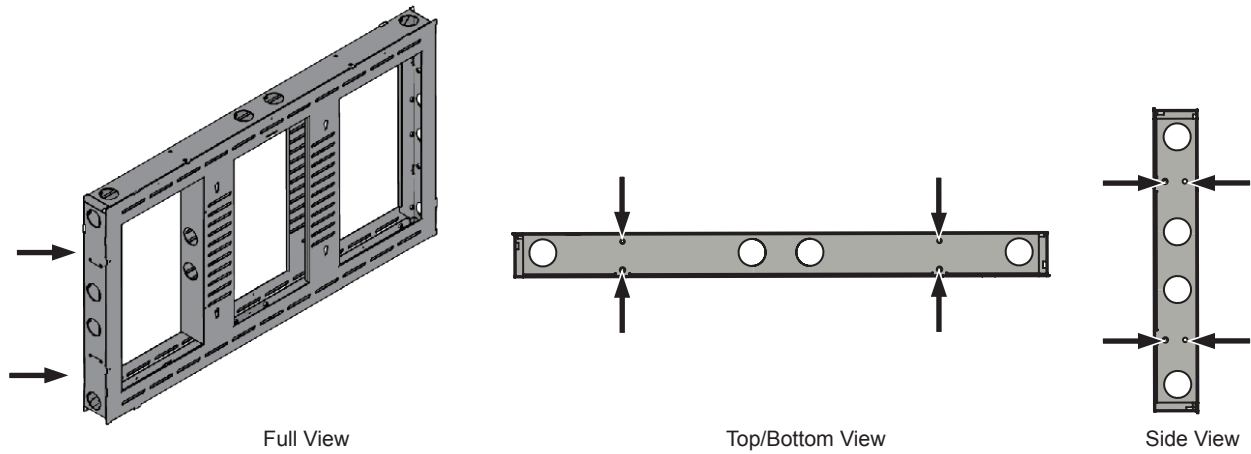


Figure 2

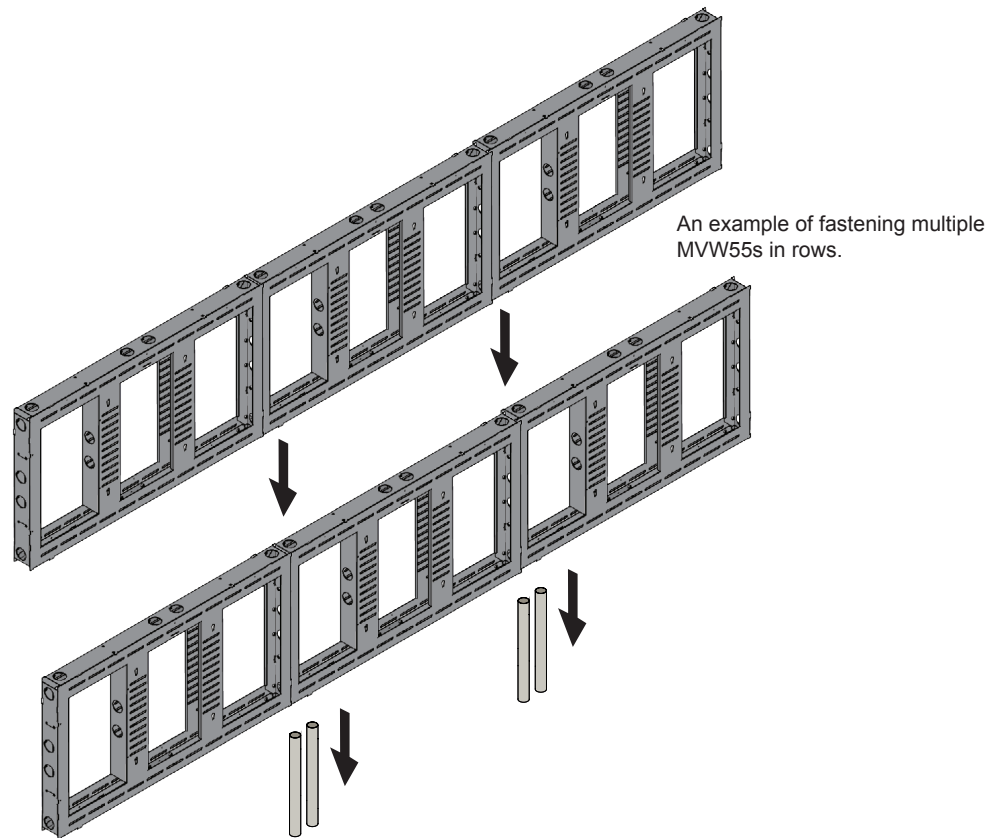
**Step 2**

The arrows show where the M8 x 16mm pan Phillips screws can go from inside to fasten MVW55s together.

Figure 1

If you are fastening multiple MVW55s, use the M8 x 16mm pan Phillips screws provided to fasten them together from inside the frames (Figure 1).

To safely install rows of multiple MVW55s, fasten them first in individual rows, then insert the tubing of the dual-pole cart or stand into each row. After that, fasten the rows together (Figure 2).



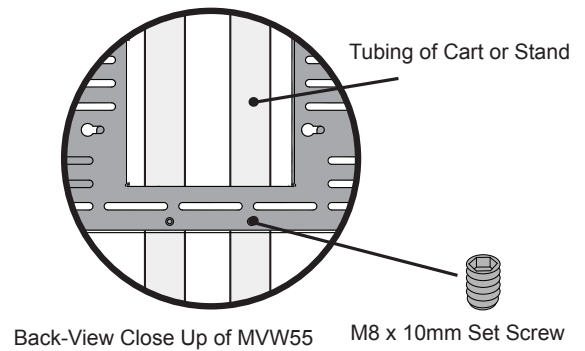
An example of fastening multiple MVW55s in rows.

Figure 2



Step 3

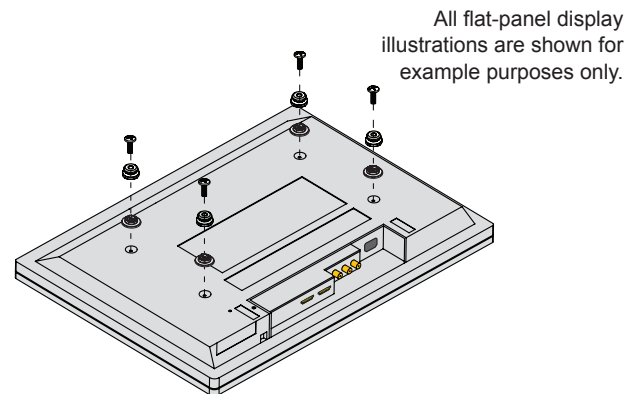
- 1) Slide the MVW55 to the desired height on the dual-pole cart or stand.
- 2) Insert four (4) M8 x 10mm set screws into the MVW55 screw holes near the tubing (see drawing).
- 3) Tighten the screws against the MVW55 and tubing.



Step 4

- When installing the NEC **X551UN**, attach four (4) universal spacers, four (4) 6mm quick-release buttons and four (4) M6 x 30mm pan Phillips screws to the display's back mounting holes.

Do not overtighten the screws.



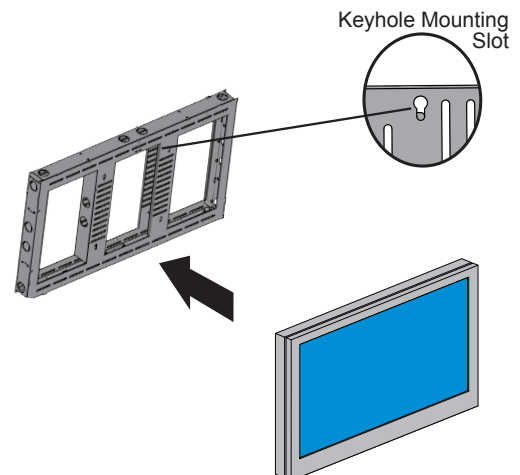
Step 5

Attach the flat-panel display to either side of the MVW55 by inserting the display's quick-release buttons into the keyhole mounting slots on the MVW55, locking them into place.

Depending on your video wall configuration, install displays working from the bottom frame up.



The NEC **X551UN**, will fit into the mounting slots.





Flying Installation

Step 1

Illustrations show only some of the installation configurations possible with the MVW55s.

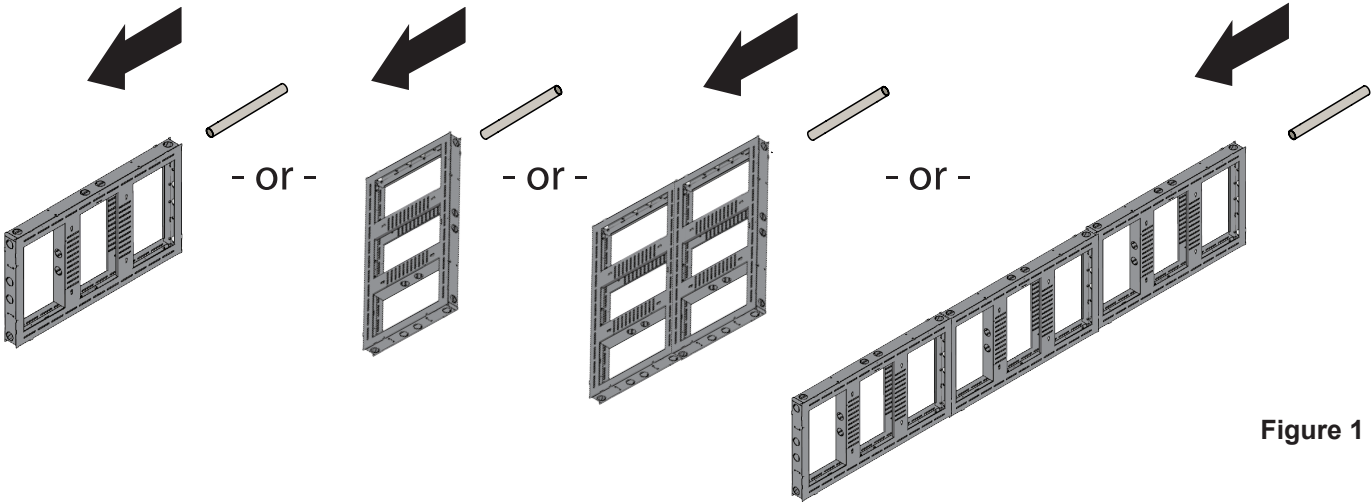


Figure 1

If flying the MVW55(s), insert a heavy-duty steel tube (not included) into the frames' upper .2" circular cutouts (Figure 1).



Appropriate tubing and rigging hardware must be used to support a minimum of 4 times the combined weight of all the flat-panel displays and MVW55s used.



The steel tube must be long enough to span the entire width of the frame(s) (Figure 2).

Make sure the MVW55 keyhole mounting slots point down so that they can support the flat-panel display(s) later (Figure 3).



Illustrations show only some of the installation configurations possible with the MVW55s.

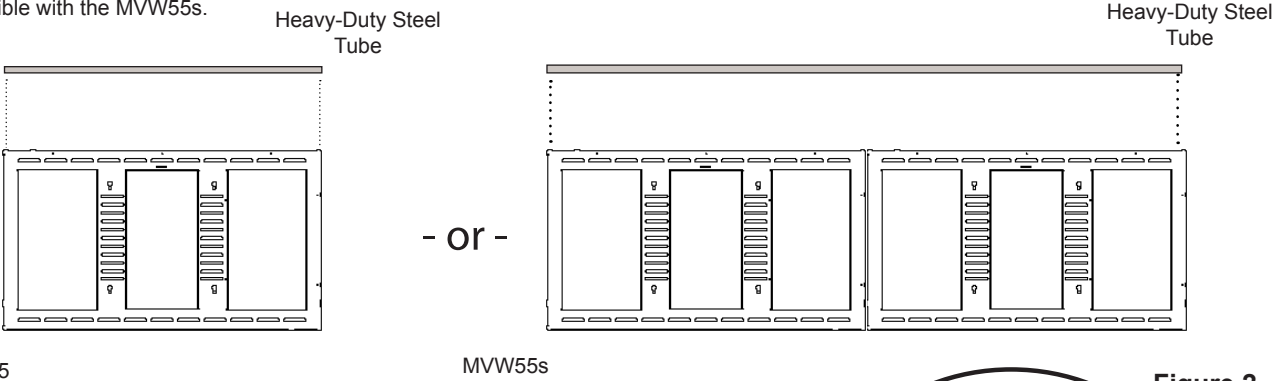
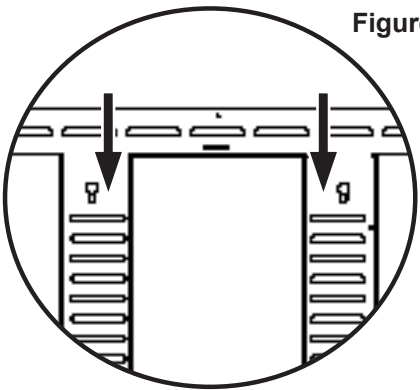


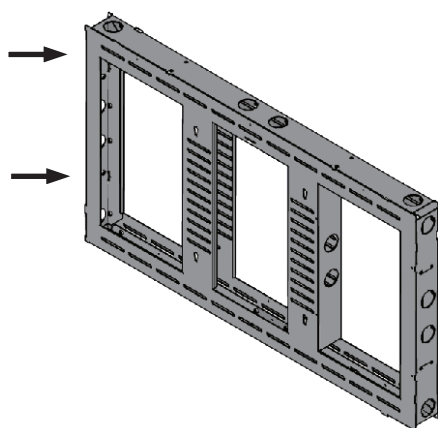
Figure 2



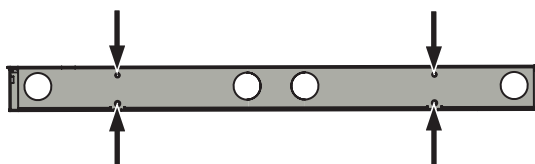
The keyhole mounting slots should point downward.

Figure 3

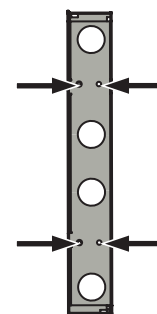
Step 2



Full View



Top/Bottom View



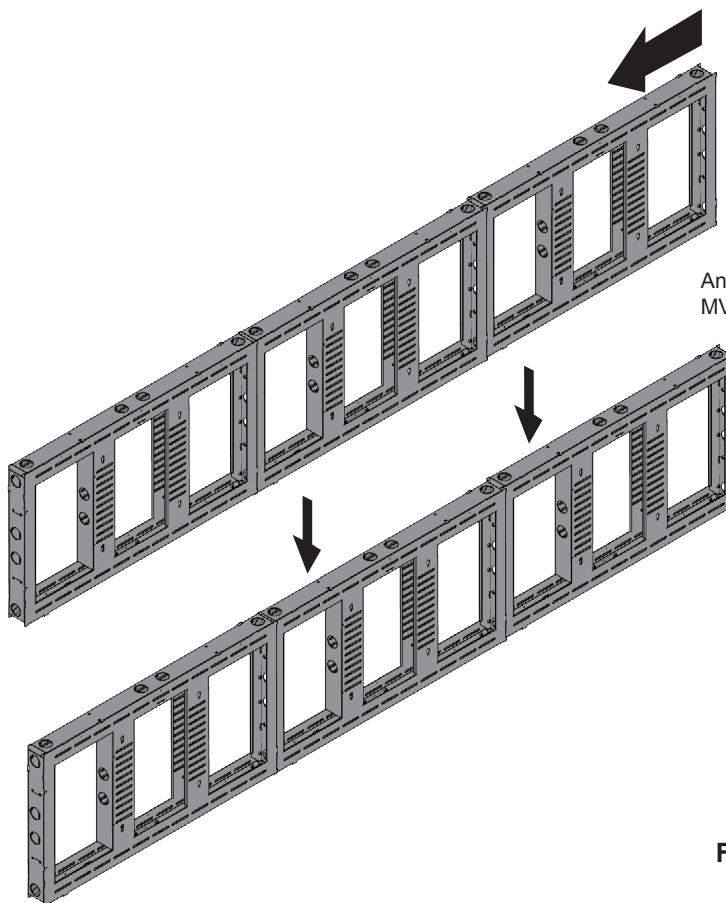
Side View

The arrows show where the M8 x 16mm pan Phillips screws can go from inside to fasten MVW55s together.

Figure 1

If you are fastening multiple MVW55s, use the M8 x 16mm pan Phillips screws provided to fasten them together from inside the frames (Figure 1).

To safely install rows of multiple MVW55s, fasten them first in individual rows, then fasten the rows together. After that, insert the heavy-duty plastic tube (Figure 2).



An example of fastening multiple MVW55s in rows.

Figure 2

**Step 3**

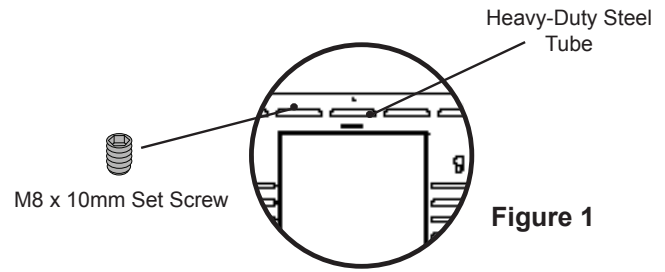
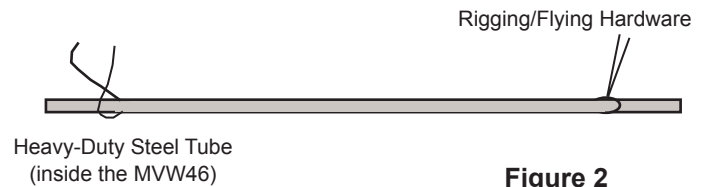
- 1) Slide the MVW55 to the desired position against the tube.
- 2) Insert two (2) M8 x 10mm set screws into the corner screw holes above the tube (Figure 1).
- 3) Tighten the screws against the MVW55 and the tube.
- 4) Inside the MVW55, wrap and secure rigging/flying hardware (not included) around the tube (Figure 2).

WARNING!

Do not install the rigging/flying hardware or fly the MVW55(s) unless you are a qualified A/V installation professional.

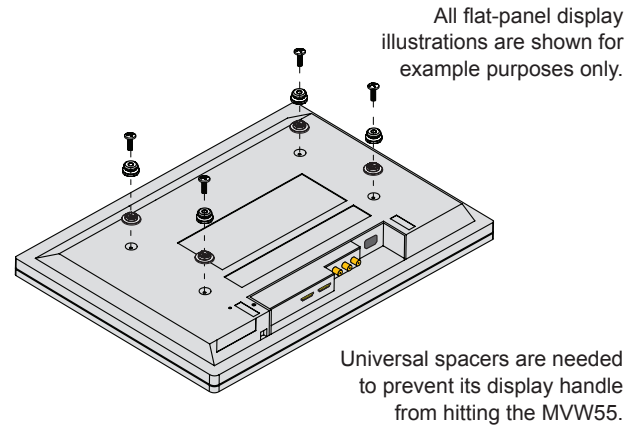


Front-View Close Up of MVW55

**Figure 1****Figure 2****Step 4**

- If you are installing an **NEC X551UN** attach four (4) universal spacers, four (4) 6mm quick-release buttons and four (4) M6 x 30mm pan Phillips screws to the display's back mounting holes.

Do not overtighten the screws.

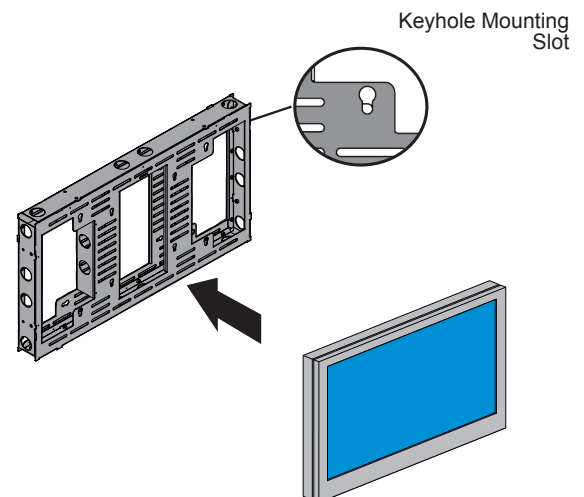


Universal spacers are needed to prevent its display handle from hitting the MVW55.

Step 5

Attach the flat-panel display to either side of the MVW55 by inserting the display's quick-release buttons into the keyhole mounting slots on the MVW55, locking them into place.

Depending on your video wall configuration, install displays working from the bottom frame up.



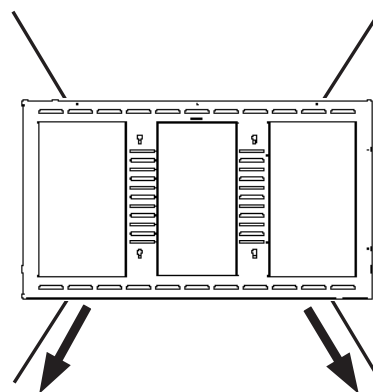
Step 6

- 1) Use the rigging/flying hardware to safely suspend the MVW55(s) overhead.
- 2) To set the tilt angle, attach additional cables to the bottom of the frames and pull to the desired angle (see drawing).

Re-check all hardware and installation for proper tightness and security.



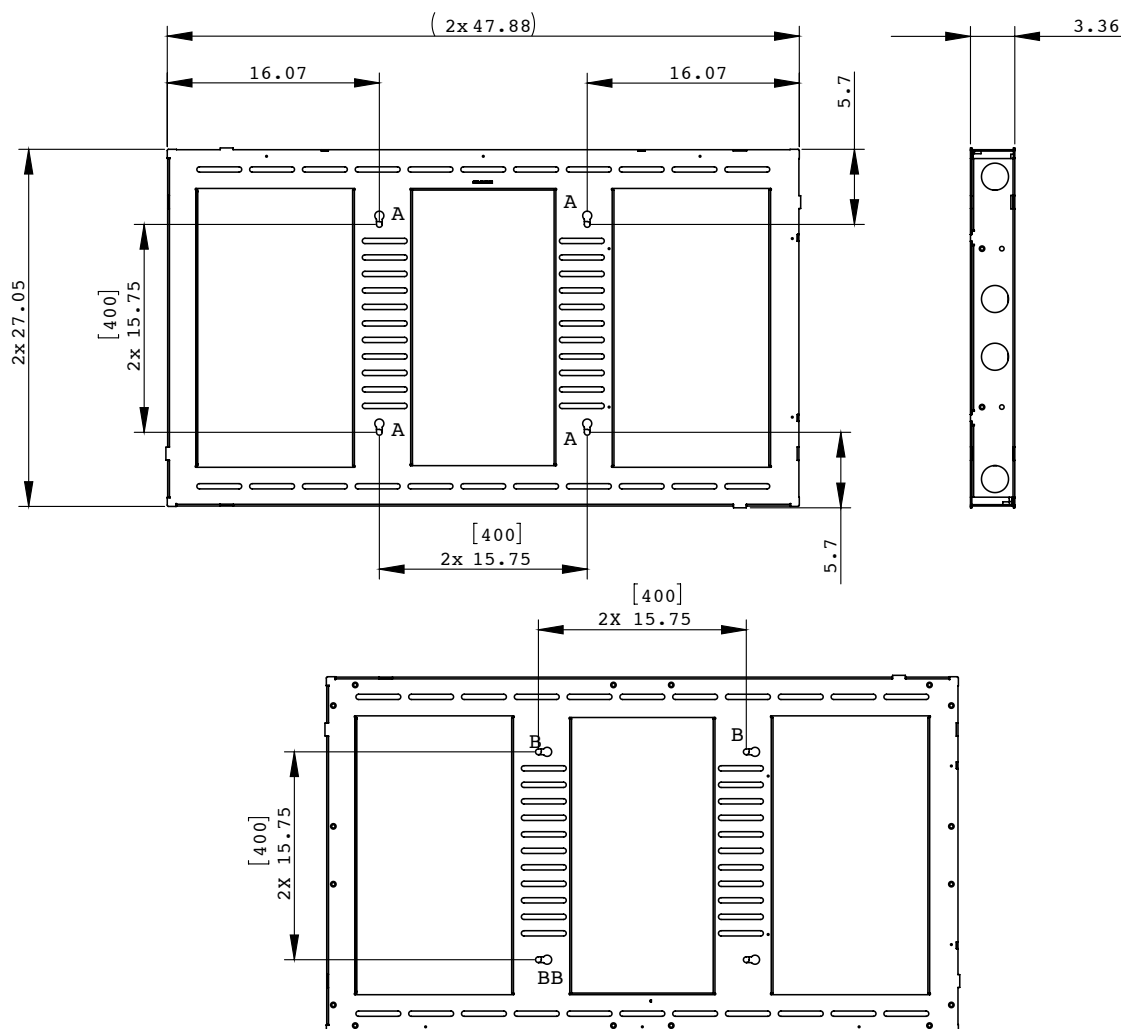
Rigging/Flying Hardware



Pull additional cables at the bottom of the frames to adjust the tilt.

Technical Specifications

All measurements are in inches [mm].





Warranty

PREMIER MOUNTS

LIMITED LIFETIME WARRANTY

What and Who is Covered by this Limited Warranty and for How Long

Premier Mounts warrants this product to be free from defects in material and workmanship for the lifetime of the original owner of this product. The limited warranty is valid only for the original purchaser of the product.

What Premier Mounts Will Do

At the sole option of Premier Mounts, Premier Mounts will repair or replace any product or product part that is defective. If Premier Mounts chooses to replace a defective product or part, a replacement product or part will be shipped to you at no charge, but you must pay any labor costs.

What is Not Covered; Limitations

PREMIER MOUNTS DISCLAIMS ANY LIABILITY FOR DAMAGE TO MOUNTS, ADAPTERS, DISPLAYS, PROJECTORS, OTHER PROPERTY, OR PERSONAL INJURY RESULTING, IN WHOLE OR IN PART, FROM IMPROPER INSTALLATION, MODIFICATION, USE OR MISUSE OF ITS PRODUCTS.

NOTWITHSTANDING ANYTHING TO THE CONTRARY IN THIS WARRANTY, THIS WARRANTY IS LIMITED TO FIVE YEARS FROM THE DATE OF PURCHASE IN THE EVENT THAT THE WARRANTED PRODUCT IS COMMERCIALY RENTED OUT.

Electrical products and components, such as amplifiers, speakers, motors, switches remote controls and related electrical items, are backed by a 3-year warranty.

PREMIER MOUNTS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. PREMIER MOUNTS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO, INABILITY TO USE ITS PRODUCTS OR LABOR COSTS FOR REMOVING AND REPLACING DEFECTIVE PRODUCTS OR PARTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

What Customers Must Do for Limited Warranty Service

If you discover a problem that you think may be covered by the warranty you MUST REPORT it in writing to the address below within thirty (30) days. Proof of purchase (an original sales receipt) from the original consumer purchaser must accompany all warranty claims. Warranty claims must also include a description of the problem, the purchaser's name, address, and telephone number. General inquiries can be addressed to Premier Mounts Customer Service at 1-800-368-9700. Warranty claims will not be accepted over the phone or by fax.

Premier Mounts
Attn: Warranty Claim
1321 S. State College Blvd.
Fullerton, CA 92831

How State Law Applies

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

Disclaimer

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