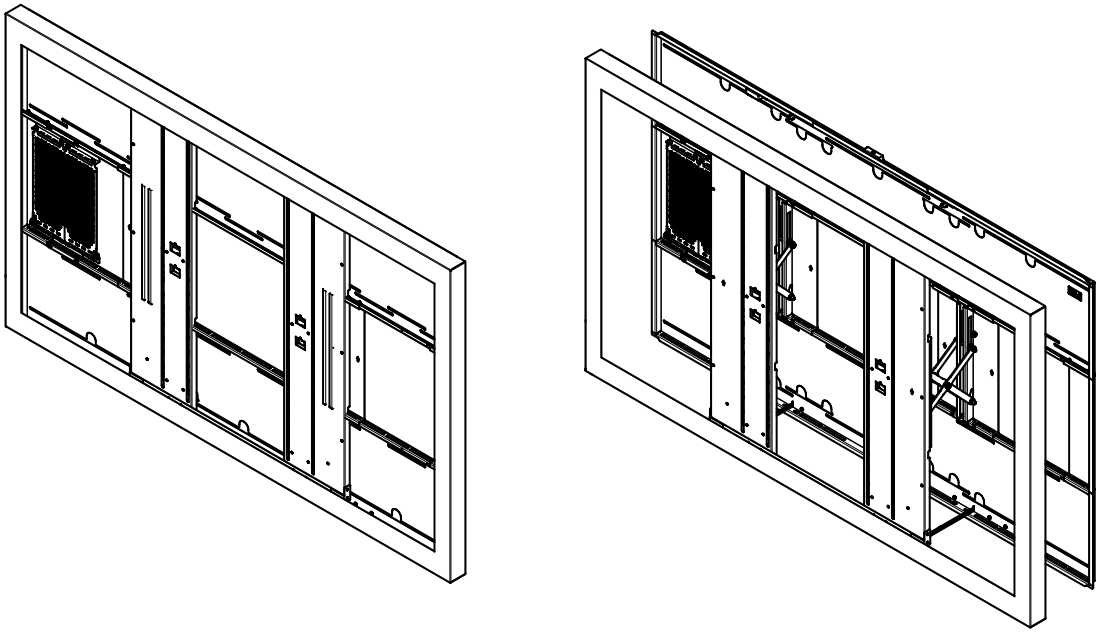
INSTALLATION INSTRUCTIONS



65"/70"/75" Landscape Wall Kiosks

CHIEF®

A brand of legrand®

LW65/70/75Ux

DISCLAIMER

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DEFINITIONS

MOUNTING SYSTEM: A MOUNTING SYSTEM is the primary Chief product to which an accessory and/or component is attached.

ACCESSORY: AN ACCESSORY is the secondary Chief product which is attached to a primary Chief product, and may have a component attached or setting on it.

COMPONENT: A COMPONENT is an audiovisual item designed to be attached or resting on an accessory or mounting system such as a video camera, CPU, screen, display, projector, etc.

WARNING: A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.

CAUTION: A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer’s responsibility to make sure all mounting systems are properly assembled and installed using the instructions provided.

WARNING: Failure to provide adequate structural strength for this mounting system can result in serious personal injury or damage to equipment! It is the installer’s responsibility to make sure the structure to which this mounting system is attached can support five times the combined weight of all equipment. Reinforce the structure as required before installing the mounting system.

WARNING: Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer’s responsibility to make sure the weight of components attached to swing door does not exceed:

- **LW65/70/75UB Models**: 175 lbs (79.4 kg)
- **LW65/70/75UW Models**: 175 lbs (79.4 kg)

  Removable storage panel capacity: 5 lbs (2.3 kg)

The extended position is for installation and service only.

WARNING: Use this mounting system only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.

WARNING: Never operate this mounting system if it is damaged. Return the mounting system to a service center for examination and repair.

WARNING: Do not use this mounting system outdoors.

IMPORTANT ! : The LW65/70/75UB and LW65/70/75UW landscape wall kiosks are designed to be mounted to:

- a bare 8" concrete or 8"x8"x16" concrete block wall; or
- a 2" x 4" wood studs (16" on center maximum) wall with a maximum drywall thickness of 5/8"; or
- a steel stud (16" on center maximum) wall with a maximum drywall thickness of 5/8"

NOTE: The kiosks have an adjustable depth of 3" to 5".

NOTE: Available monitor space reduced by 0.25" (6.25mm) for kiosks with glass installed.

--SAVE THESE INSTRUCTIONS--

TABLE OF CONTENTS

DISCLAIMER 2

IMPORTANT SAFETY INSTRUCTIONS 2

TABLE OF CONTENTS 3

DIMENSIONS 4-5

LEGEND 6

TOOLS REQUIRED FOR INSTALLATION 7

PARTS 7

ASSEMBLY AND INSTALLATION 8

Preparing Rear Frame 8

Locate Mounting Site 8

Installing Rear Frame 8

Attaching Flat Panel 11

Cabling 13

APPENDIX..... 14

Fastener Installation Methods 14

Wood Stud..... 14

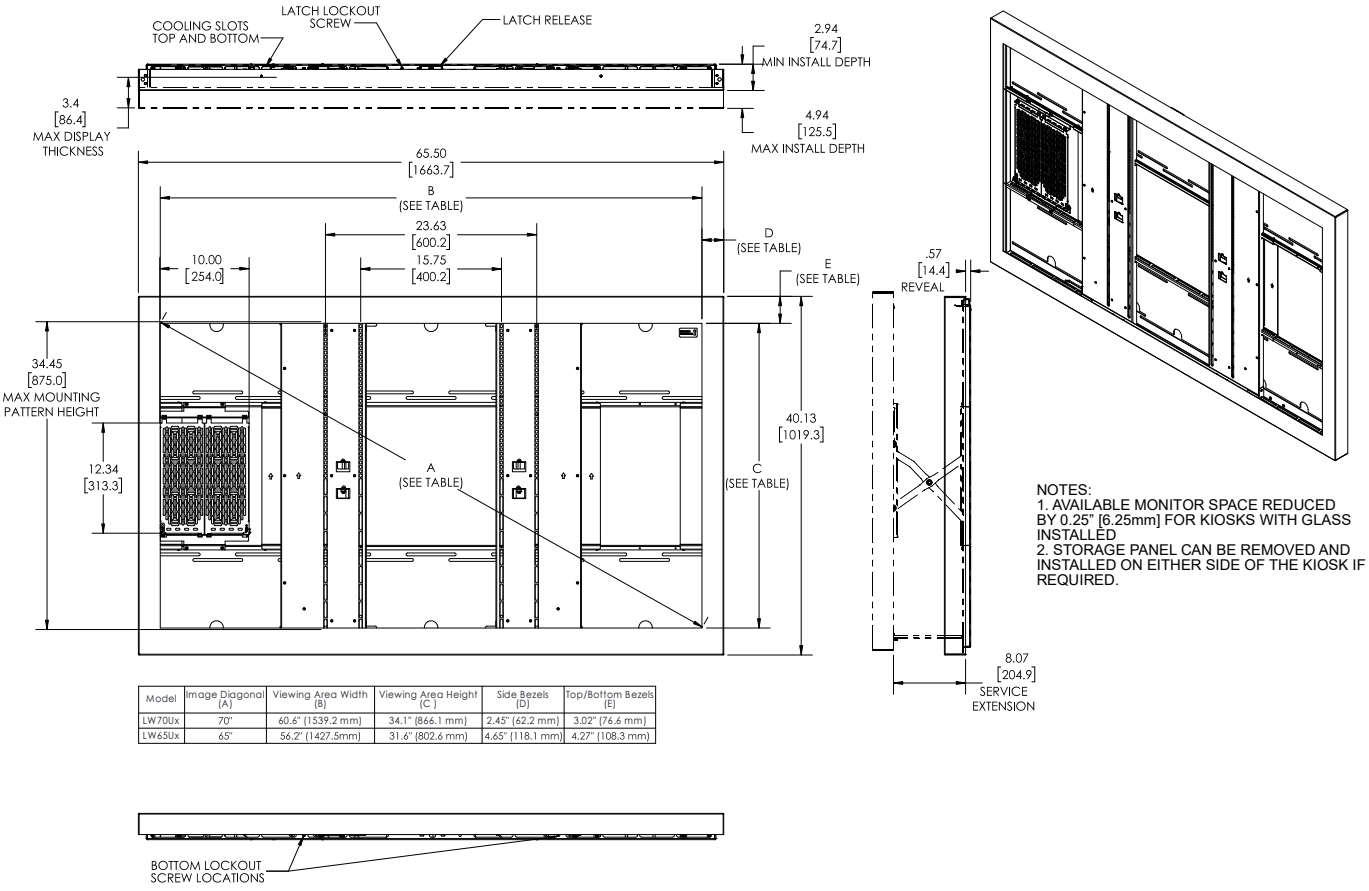
Concrete..... 14

Steel Stud..... 14

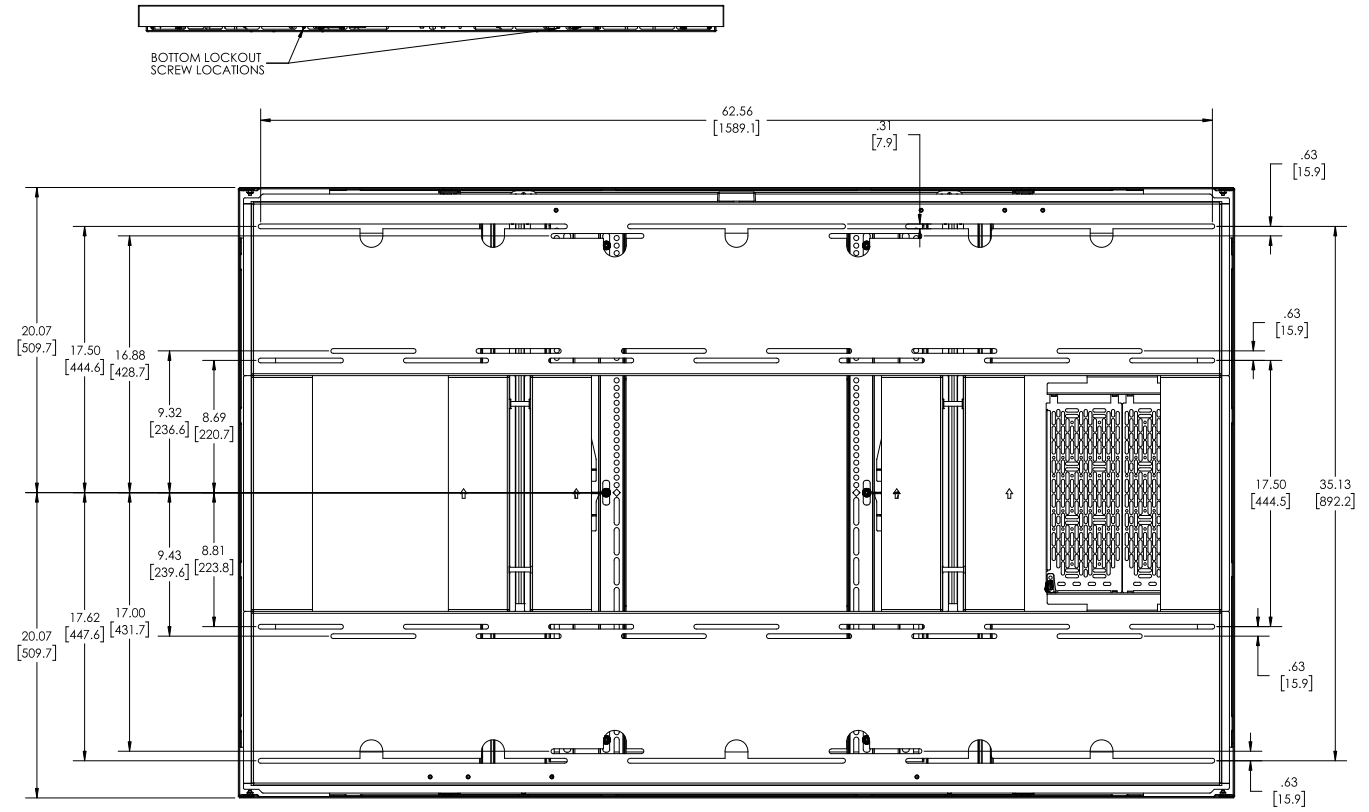
Site Requirements for Wood or Steel Stud 16

DIMENSIONS

LW65Ux/LW70Ux



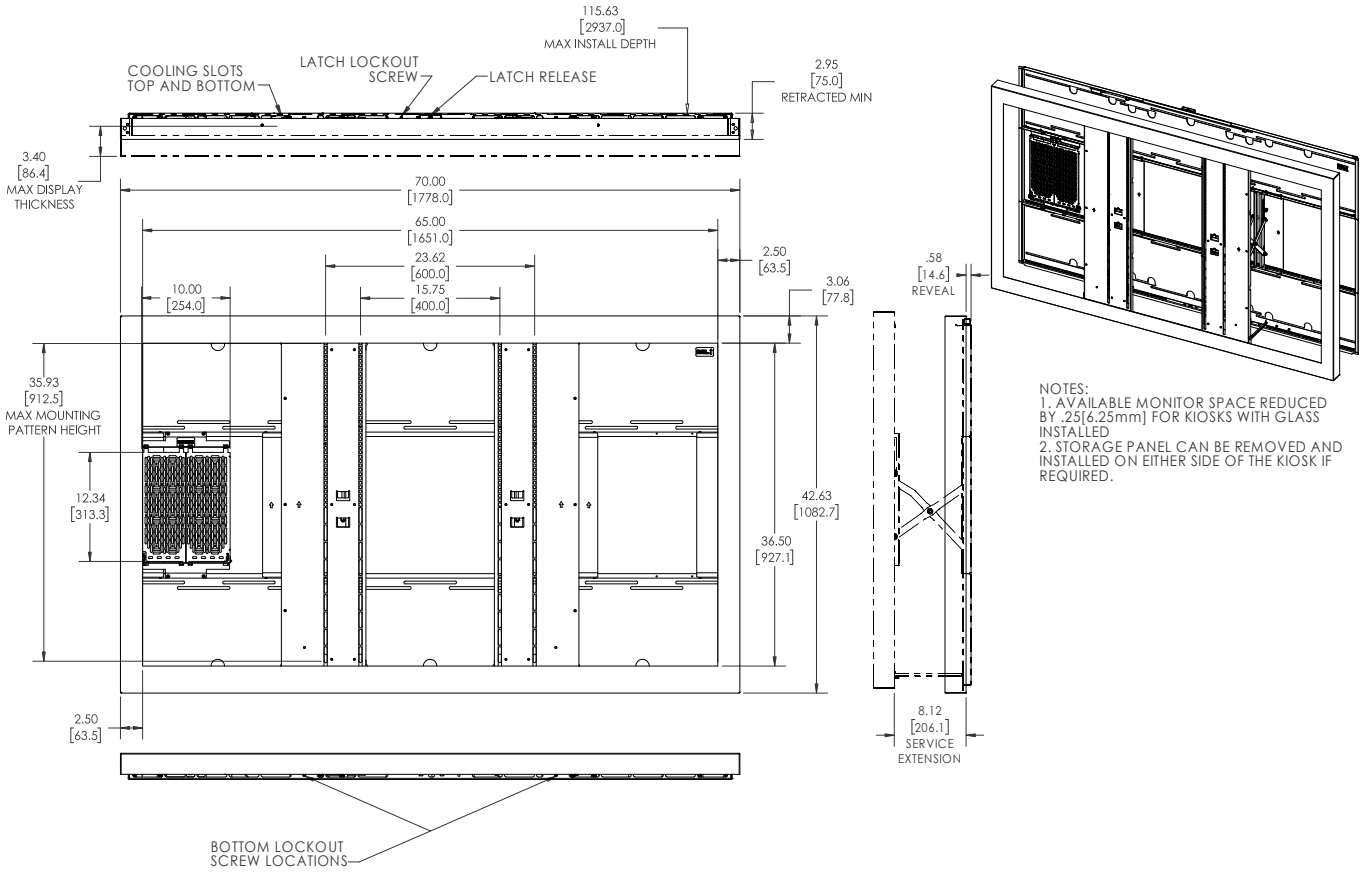
Model	Image Diagonal (A)	Viewing Area Width (B)	Viewing Area Height (C)	Side Bezels (D)	Top/Bottom Bezels (E)
LW70Ux	70"	60.6" (1539.2 mm)	34.1" (866.1 mm)	2.45" (62.2 mm)	3.02" (76.6 mm)
LW65Ux	65"	56.2" (1427.5mm)	31.6" (802.6 mm)	4.65" (118.1 mm)	4.27" (108.3 mm)

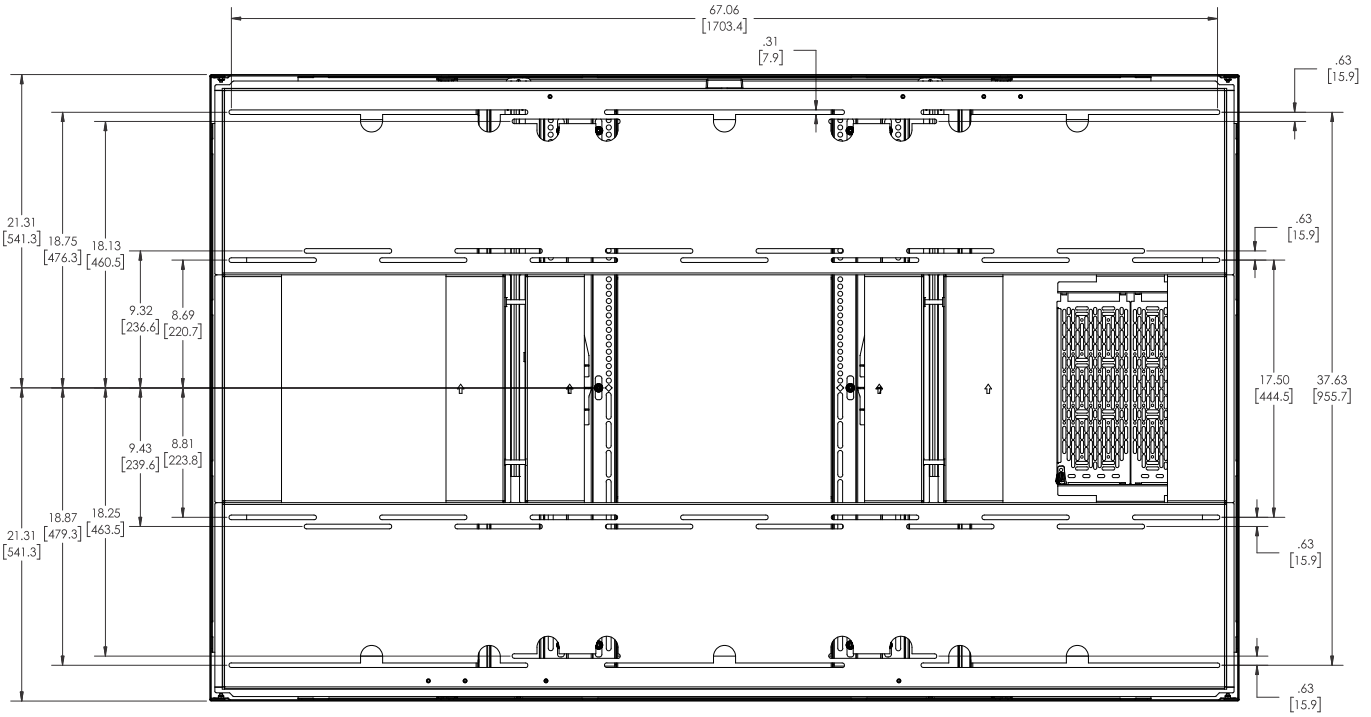


DIMENSIONS: INCHES
[MILLIMETERS]

DIMENSIONS...continued

LW75Ux



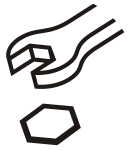


DIMENSIONS: INCHES
[MILLIMETERS]

LEGEND

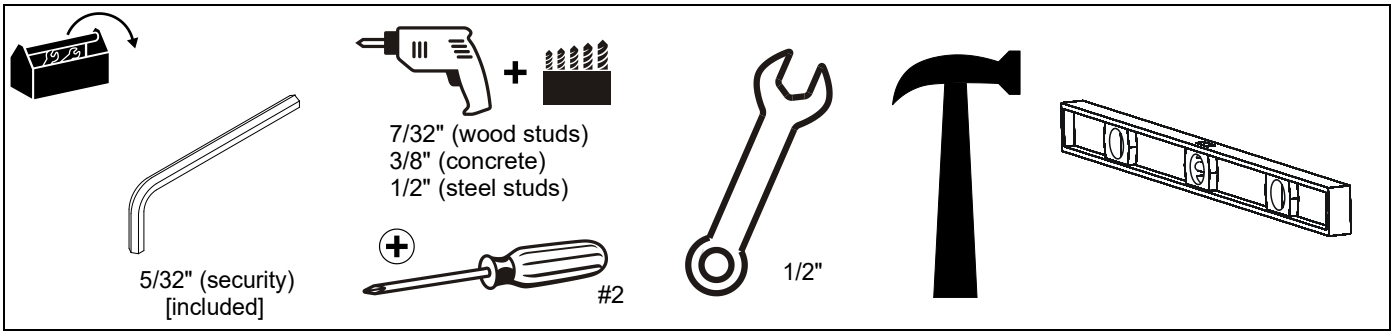
	Phillips Screwdriver
	Destornillador Phillips
	Kreuzschlitzschraubendreher
	Chave de fendas Phillips
	Cacciavite a stella
	Kruiskopschroevendraaier
	Tournevis à pointe cruciforme

	Drill Hole
	Perforar
	Bohrloch
	Fazer furo
	Praticare un foro
	Gat boren
	Percez un trou

	Open-Ended Wrench
	Llave de boca
	Gabelschlüssel
	Chave de bocas
	Chiave a punte aperte
	Steeksleutel
	Clé à fourche

	Hex-Head Wrench
	Llave de cabeza hexagonal
	Sechskantschlüssel
	Chave de cabeça sextavada
	Chiave esagonale
	Zeskantsleutel
	Clé à tête hexagonale

TOOLS REQUIRED FOR INSTALLATION



PARTS

NOTE: Letters match markings on hardware bags

Hardware Bag - **Wall Hardware**

AA (8) 5/16 x 2-1/2"	
AB (8) 5/16"	
AC (8) 1/4-20 SnapToggle	
AD (8) 1/4-20 x 1-3/4"	
AE (8) 1/4"	
AF (8) UX10x60R	

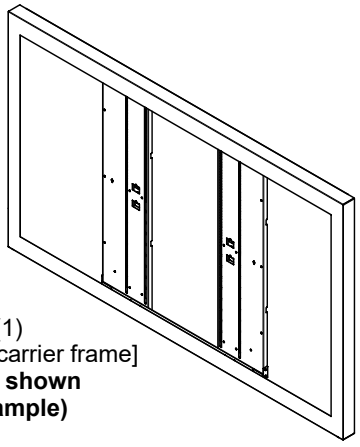
Hardware Bag - **Monitor Interface Hardware**

BA (4) M4 x 12mm	BB (4) M4 x 25mm	BC (4) M4 x 50mm
BD (4) M5 x 12mm	BE (4) M5 x 25mm	BF (4) M5 x 50mm
BG (4) M6 x 12mm	BH (4) M6 x 25mm	BI (4) M6 x 50mm
BJ (4) M8 x 12mm	BK (4) M8 x 25mm	BL (4) M8 x 50mm
BM (8) .750x.344x.500"	BN (8) .750x.323x.250"	BO (4) [universal washer]

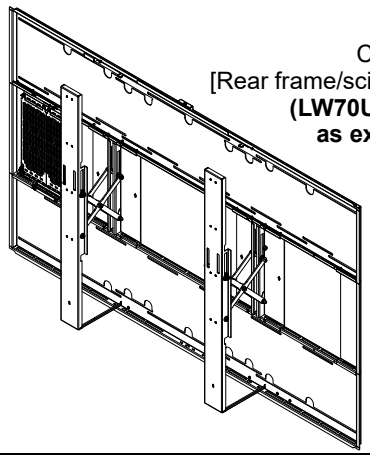
Hardware Bag - **Security/Swap Hardware**

CA (1) 5/32" (security)
CB (3) 10-24 x 3/8"
CC (4) 10-24 x 3-1/2"
CD (2) [Thumb nut]

A (1 roll)
[1/2" wide gasket strip]



B (1)
[Outer cover/carrier frame]
(LW70Ux shown as example)



C (1)
[Rear frame/scissors assembly]
(LW70Ux shown as example)

ASSEMBLY AND INSTALLATION

Preparing Rear Frame

1. Remove kiosk rear frame (B) from the packaging and place on a flat surface. (See Figure 1)

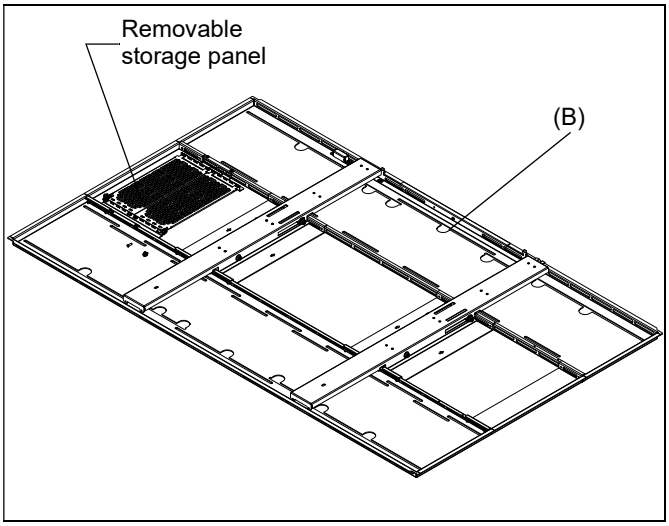


Figure 1

NOTE: The kiosks ship with the removable storage panel already in place in one of two mounting positions. The panel may be removed to add components as required, and then reinstalled in either location. (See instructions included with the panel.)

The storage panel latch is spring-loaded. To remove the panel, squeeze the latch on lower end tabs and slide the panel up and out of the slots on the rear frame.

Install AV component(s) to the panel using the hardware and instructions included with the component(s). Either screws or cable ties may be used to fasten component(s) to the panel.

To reinstall the panel, slide the panel end without latches up into the slots on one side of the rear frame opening. Pivot panel in and slide it down toward the slots on lower side of the rear frame panel opening. The panel will snap into the slots, securing it to the rear frame.

Locate Mounting Site

WARNING: IMPROPER INSTALLATION CAN LEAD TO MOUNT FALLING CAUSING SEVERE PERSONAL INJURY OR DAMAGE TO EQUIPMENT! It is the installers responsibility to make certain the structure to which the mount is being attached is capable of supporting five times the combined weight of all components attached to cover:

- **LW65/70/75Ux Models**: 175 lbs (79.4 kg)

  Removable storage panel capacity: 5 lbs (2.3 kg). (See Figure 2)

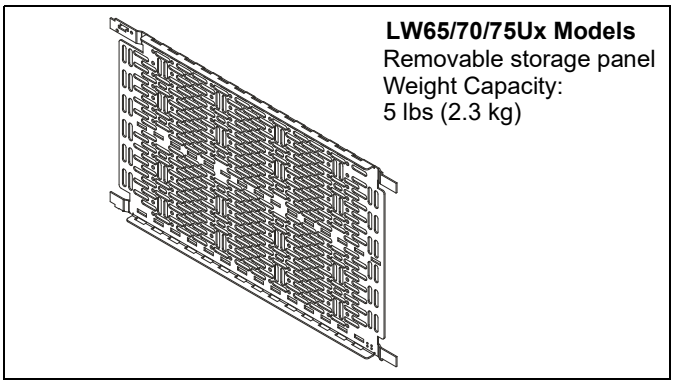


Figure 2

Installing Rear Frame

The LW65/70/75Ux landscape wall kiosk mounts are designed to be mounted to:

- a bare 8" concrete or 8"x8"x16" concrete block wall; or
- a 2" x 4" wood studs (16" on center minimum) wall with a maximum drywall thickness of 5/8"; or
- a steel stud (16" on center minimum to 24" on center maximum) wall with a maximum drywall thickness of 5/8".

Table 1: Fastener Information

WALL TYPE	PILOT HOLE	FASTENERS (see PARTS drawing)
Steel stud / Wood stud	1/2"	- 1/4-20 x 1-3/4" Phillips screw (**AD**) - 1/4" washer (**AE**) - 1/4-20 Snap toggle (**AC**) - 5/16 x 2-1/2" hex head lag (**AA**)
	7/32"	- 5/16" washer (**AB**)
Concrete	3/8" x 3-1/4"	- 5/16 x 2-1/2" hex head lag (**AA**) - 5/16" washer (**AB**) - Fischer Anchor UX10x60R **(AF)**

IMPORTANT ! : When installing the rear frame it is preferable to use all possible available attachment points.

- The rear frame must be installed to a **MINIMUM** of two studs, one located between the scissors mechanism, and one to the next stud on either the left or right. (See Figure 3) and (See Figure 4).

1. Determine the horizontal center of the rear frame, and where it should be located on the wall.
   - **For wood or steel stud walls**, use a level and mark the uppermost locations over studs for attachment a minimum of 16" apart and a maximum of 24" apart. (See Figure 3) and (See Figure 4)

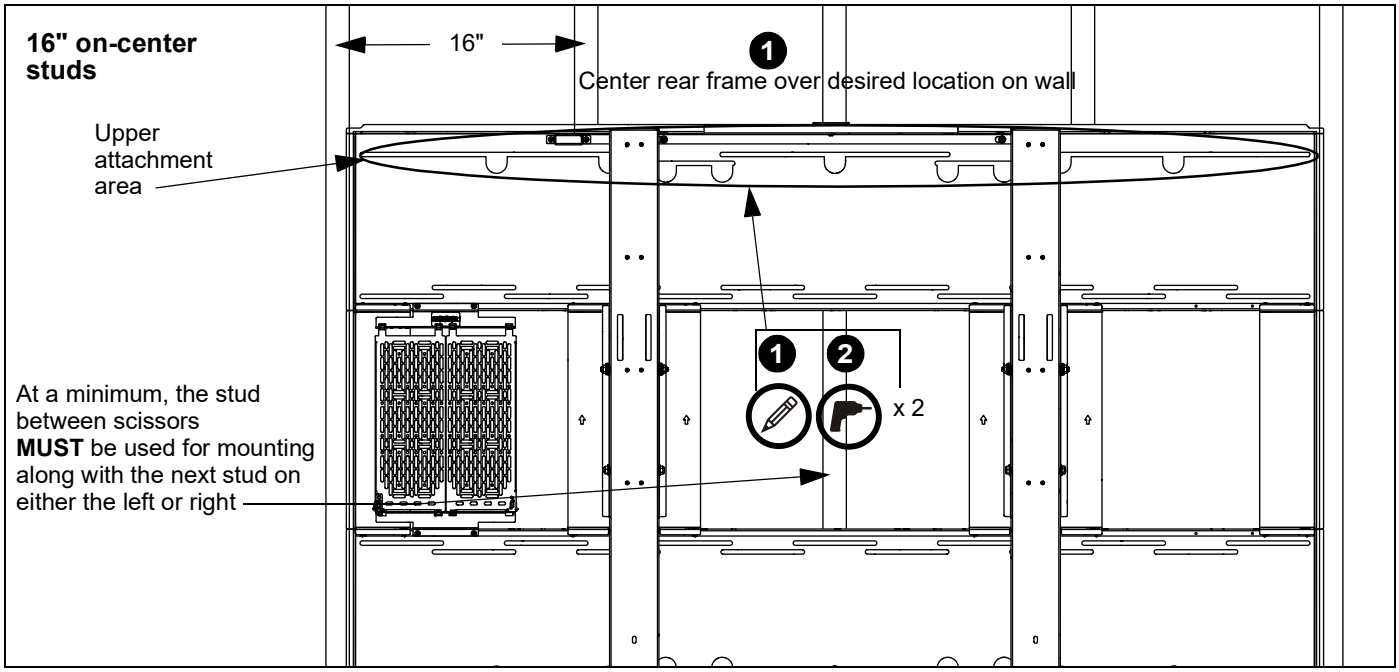


Figure 3

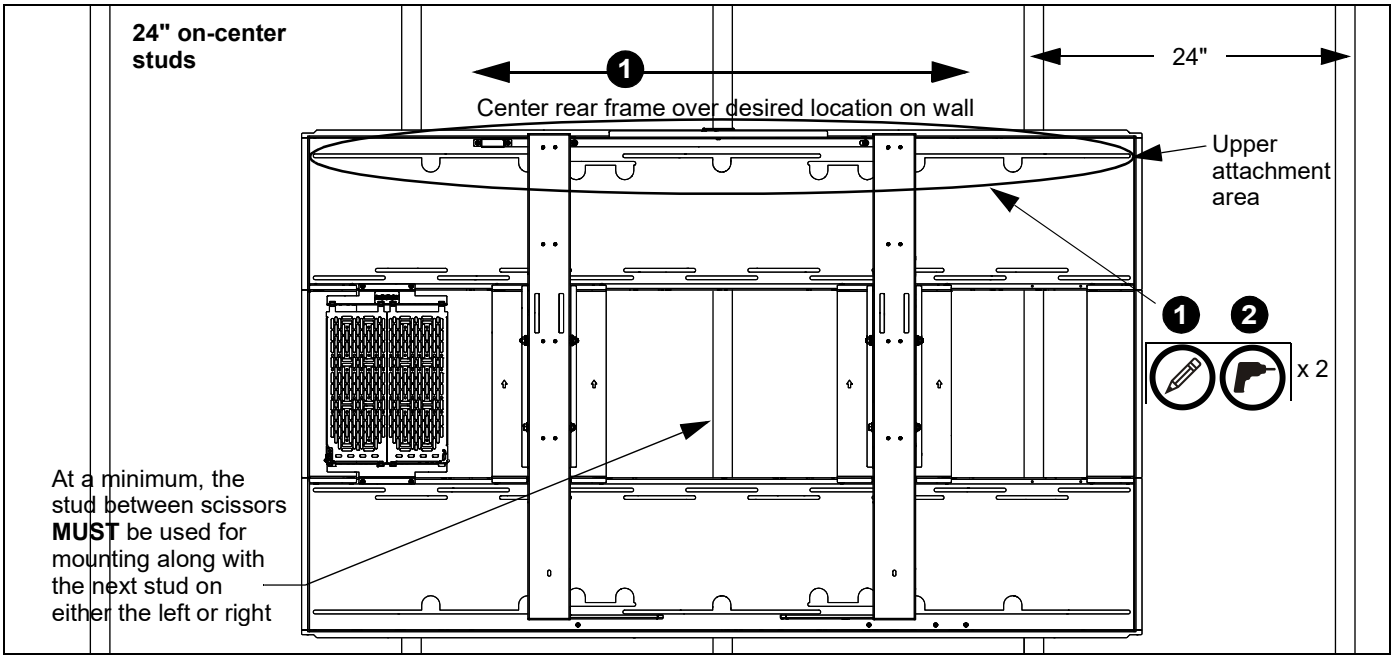


Figure 4

- **For concrete walls**, use a level and mark the eight locations for attachment in two columns, a column within 4 inches of each side of the scissors area. (See Figure 5)

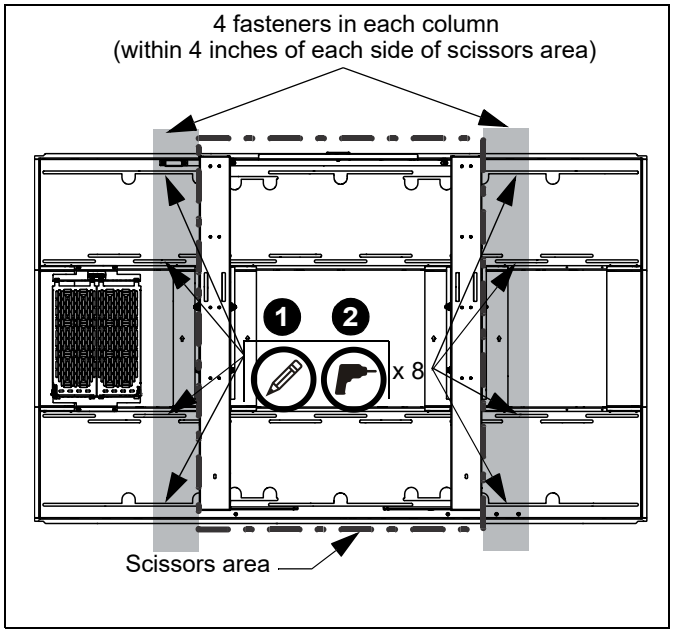


Figure 5

2. Drill one pilot hole (see Table 1 for size) at top locations marked in Step 1 (See Figure 3), (See Figure 4) and (See Figure 5) and follow fastener information (appropriate for wall type) located in Table 1.

IMPORTANT ! : Refer to **Fastener Installation Methods** (located in **Appendix** at end of Installation Instructions) for details on installing product into various wall types.

IMPORTANT ! : Attaching the rear frame requires a minimum of 8 wall fasteners.

IMPORTANT ! : (OPTIONAL for wood and steel stud installations) For additional rigidity in the installation, use a Snap-Toggle (AC), 1/4-20 x 1-3/4" Phillips screw (AD) and 1/4" washer (AE) at each corner of the rear frame if it is not attached to the studs at those points. (See Figure 7)

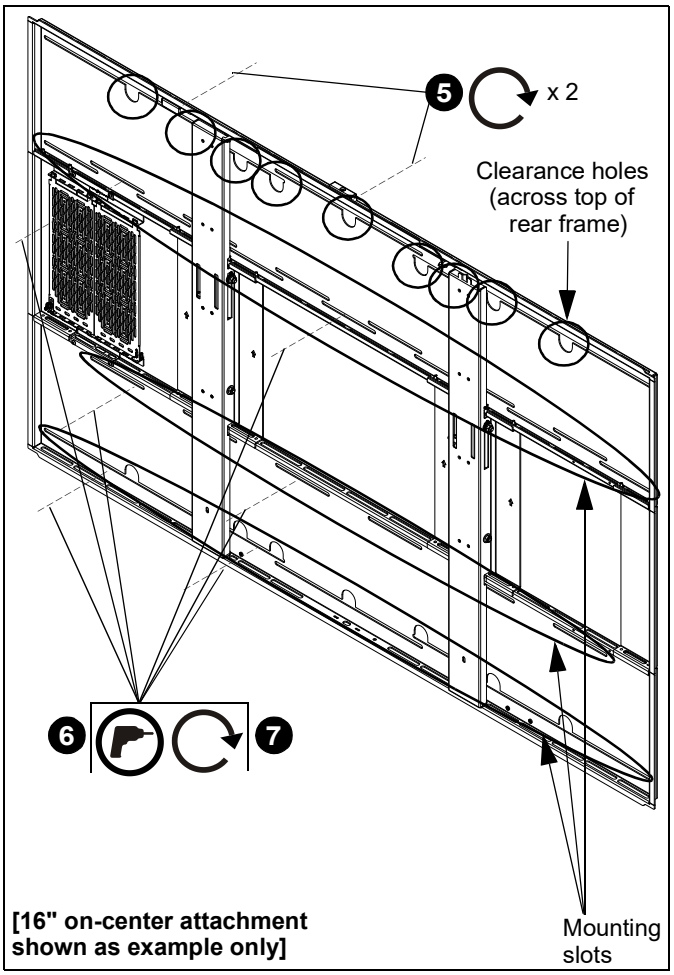


Figure 6

3. Partially install fasteners into wall, but do not completely tighten to wall.
4. Hang rear frame, aligning upper mounting slot clearance holes over fasteners and adjust side-to-side for proper location. (See Figure 6)
5. Tighten fasteners to secure rear frame to wall at upper mounting slots.
6. Drill six remaining pilot holes (see Table 1 for size) at attachment locations and follow fastener information (appropriate for wall type) located in Table 1. (See Figure 6)
7. Tighten six fasteners to secure rear frame to wall at middle and lower mounting slots.

IMPORTANT ! : (OPTIONAL for wood and steel stud installations) For additional rigidity in the installation, use a Snap-Toggle (AC), 1/4-20 x 1-3/4" Phillips screw (AD) and 1/4" washer (AE) at each corner of the rear frame if it is not attached to the studs at those points. (See Figure 7)

IMPORTANT ! : Refer to **Fastener Installation Methods** (located in **Appendix** at end of Installation Instructions) for details on installing snap toggles and related fasteners into various wall types.

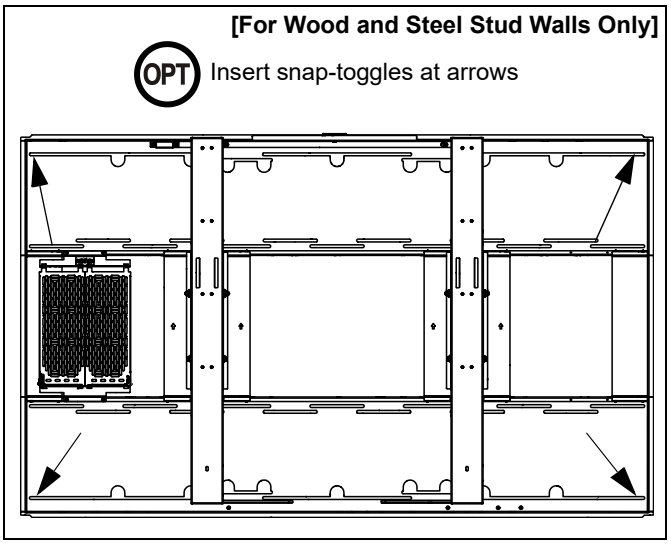


Figure 7

Attaching Flat Panel

1. Remove and **SAVE** four flathead Phillips screws and two hold down brackets. (See Figure 8)
2. Remove and **SAVE** four Phillips screws, loosen four thumb nuts and remove carrier frame from outer cover. (See Figure 8)

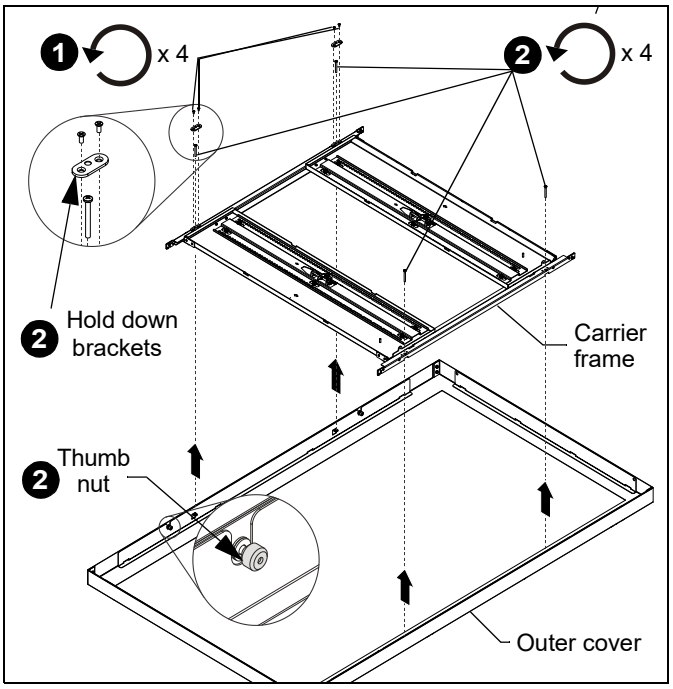


Figure 8

3. Clean the inside edge of the outer cover (approximately one inch depth around entire opening) with an alcohol wipe or something similar, and let dry. (See Figure 9)
4. Install gasket strip (B) around inside edge of outer cover opening. (See Figure 9)

NOTE: Do not install gasket strip right up to edge. The gasket strip should be placed approximately 1/16" away from opening.

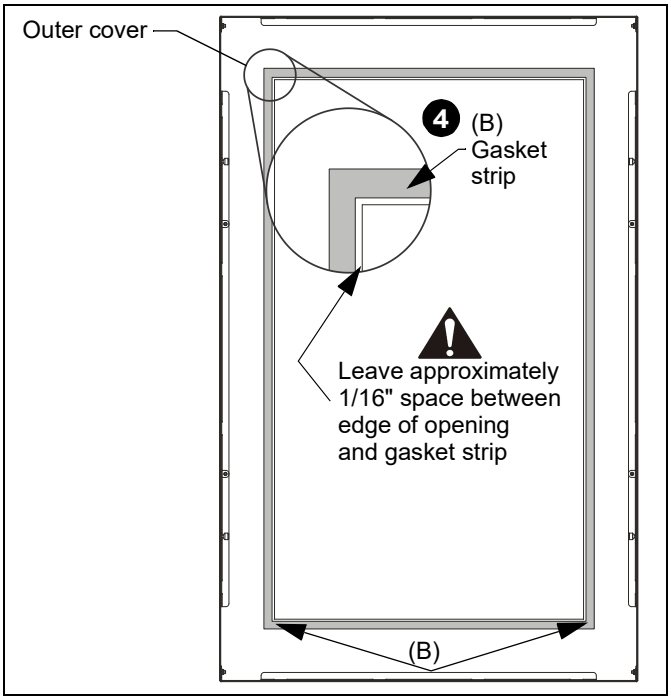


Figure 9

5. Carefully lay flat panel face down into the depth-adjustable outer cover. (See Figure 10)

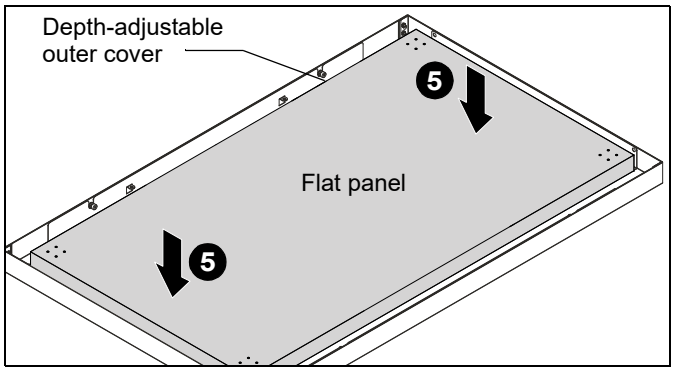


Figure 10

6. Center flat panel on opening within outer frame in both vertical and horizontal directions.

NOTE: Measuring from inside edges to display edges assists in centering the display within opening.

WARNING: IMPROPER INSTALLATION CAN LEAD TO DISPLAY FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Using screws of improper size may damage your display. Properly sized screws will easily and completely thread into display mounting holes. If spacers are required, be sure to use longer screws of the same diameter.

7. Select screw *diameter* by examining hardware (BA-BL) and comparing with mounting holes on flat panel.
8. Select spacers:
   - Spacers are **NOT** required if mounting holes are not recessed and carrier frame can lay flat against flat panel.
   - Spacers (BM, BN) **ARE** required if mounting holes are recessed, or if protrusions prevent carrier frame from laying flat.
   - Spacers may also be used between the carrier frame and flat panel to create more space for AV components, or to accommodate thinner flat panels. (See **Depth Adjustment** section for further information.)
9. Select screw *length:*
   - By hand, insert SHORTEST length screw of selected diameter (BA, BD, BG, or BJ) through universal washer (BO--if required), carrier frame, spacer (BM, BN--if required), into flat panel mounting hole. Do NOT thread screw into hole at this time.

IMPORTANT ! : The M8 screws do **NOT** require a washer. Use the universal washer (BO) **ONLY** with the M4, M5 or M6 screws.

   - Proper screw length requires base of screw head to protrude above flat washer a *distance equal to or greater than the screw diameter.* If screw length is inadequate, select longer screw. Select *shortest* screw which will protrude the required distance.

10. Place carrier frame onto back of flat panel and match the VESA pattern on flat panel to the carrier frame mounting slots. Also match the threaded studs in outer frame to the hooks on the carrier frame. (See Figure 11)
11. Use selected screws (BA-BL), washers (BO--if required), and spacers (BM, BN--if required), to connect carrier frame to back of flat panel. (See Figure 11)

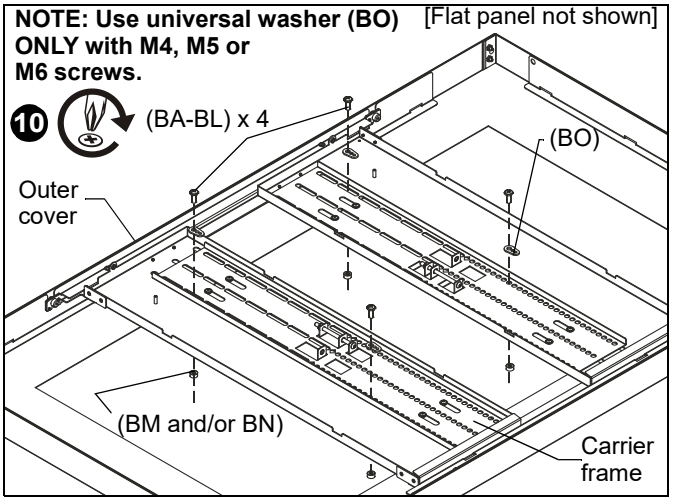


Figure 11

NOTE: The outer cover depth may be adjusted between 3" - 5" to make room for a variety of different flat panel thicknesses. (See Figure 12)

- This outer cover adjustable depth can also be used to make more space between the back of the flat panel and wall for AV component storage.
- The 4 Phillips screws removed in Step 1 can be replaced with four 10-24 x 3-1/2" Phillips screws (CC) for larger depth adjustments.

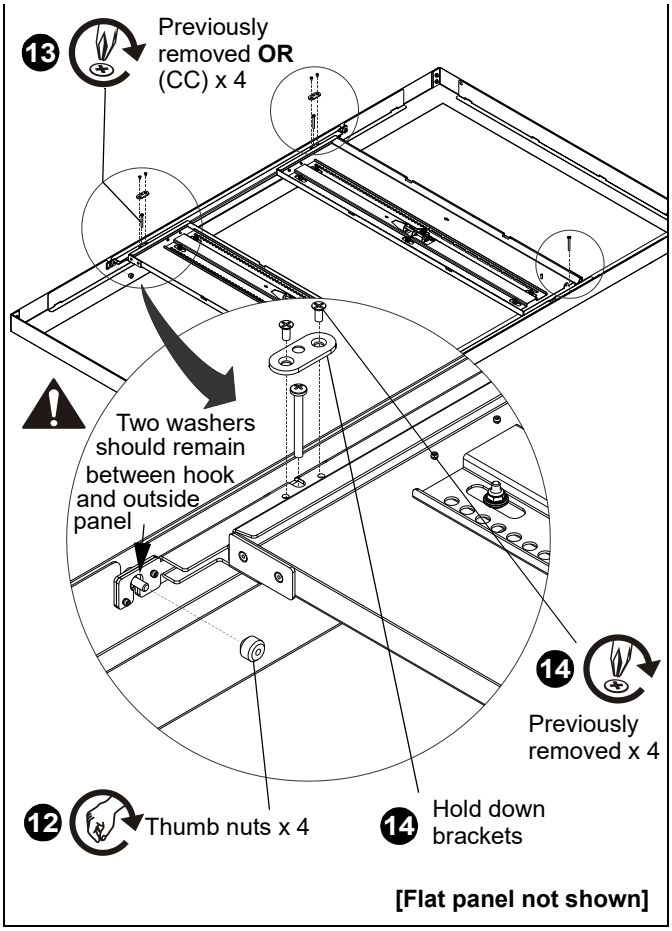


Figure 12

12. Tighten thumb nuts over threaded studs in four locations on the hinged frame. (See Figure 12)
13. Replace and fasten four Phillips screws which were removed in Step 1, **OR** replace the removed screws with four 10-24 x 3-1/2" Phillips head screws (CC) to allow for a larger depth adjustment of the outer frame. (See Figure 12)
14. Use four flathead Phillips screws removed in Step 2 to reinstall two hold down brackets. (See Figure 12)
15. Extend lower braces (on scissors assembly) so that they prop against the bottom edge of the rear frame. (See Figure 13)

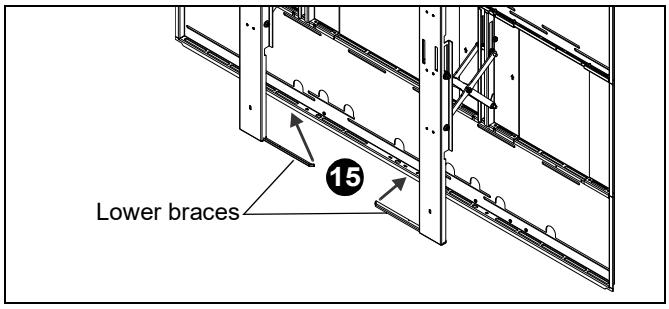


Figure 13

16. Carefully lift (using two people) the outer cover/carrier frame with attached flat panel.
17. Hang outer cover/carrier frame over scissors assembly on rear frame, ensuring that studs on carrier frame line up with holes on scissors assembly. (See Figure 14)
18. Fasten thumb nuts (CD) over studs to connect. (See Figure 14)

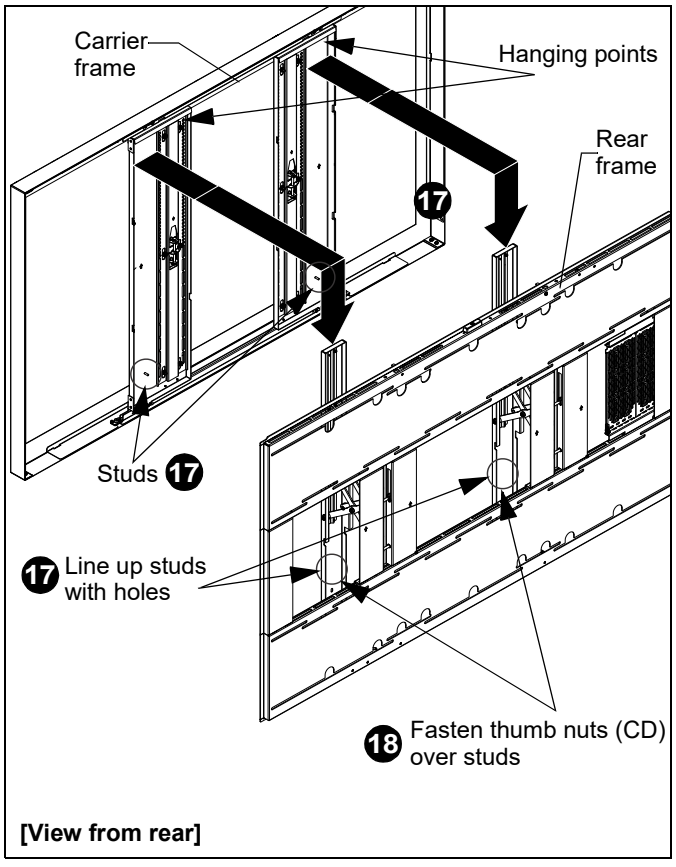


Figure 14

19. Push in outer cover until latched into rear frame.
20. Add one 10-24 x 3/8" button head security screw (CB) in hole on top, AND two security screws in two holes on bottom to lock door. (See Figure 15)

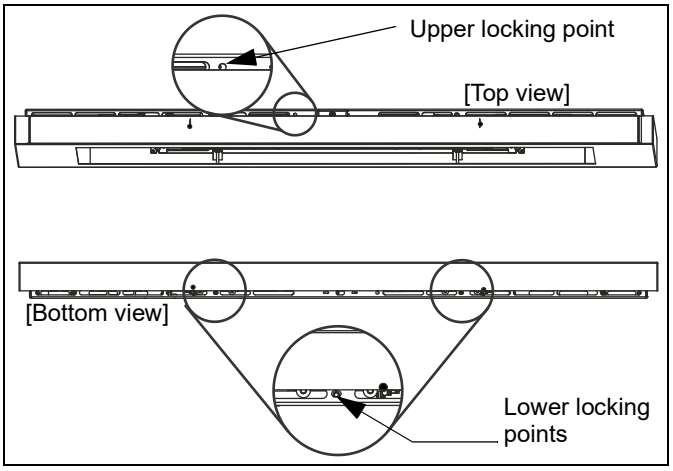


Figure 15

Cabling

1. Cables may be placed in the rear frame areas **outside** of the scissors assembly (gray) areas. (See Figure 16)

IMPORTANT ! : Do NOT place cables where they may move between the scissors assembly. Damage to cables may occur. (See Figure 16)

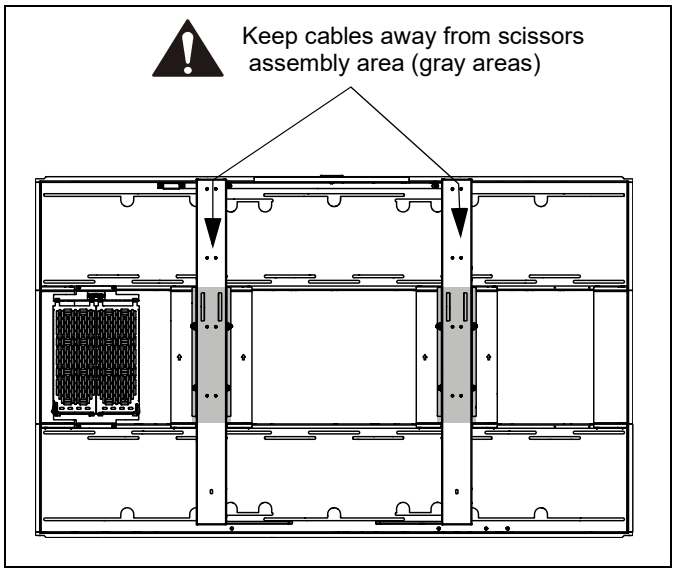


Figure 16

APPENDIX

Fastener Installation Methods

IMPORTANT ! : See Table 1 for appropriate hardware and pilot hole sizes for various wall types.

Wood Stud

1. Use one 5/16" x 2-1/2" hex flange head lag bolt (AA) and one 5/16" washer (AB) through product and into pilot hole. (See Figure 17)
2. Repeat for remaining pilot holes.

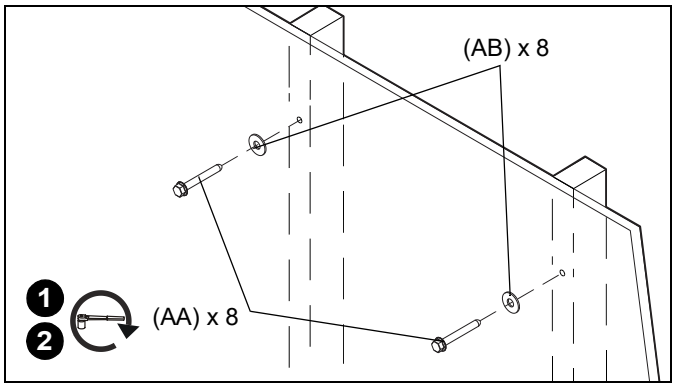


Figure 17

Concrete

1. Install one UX10x60R anchor (AF) into each pilot hole using a hammer, making sure that the anchor is flush with the wall. (See Figure)
2. Use one 5/16" x 2-1/2" hex flange head lag bolt (AA) and one 5/16" washer (AB) through product into each anchor in wall. (See Figure)
3. Repeat for remaining pilot holes.

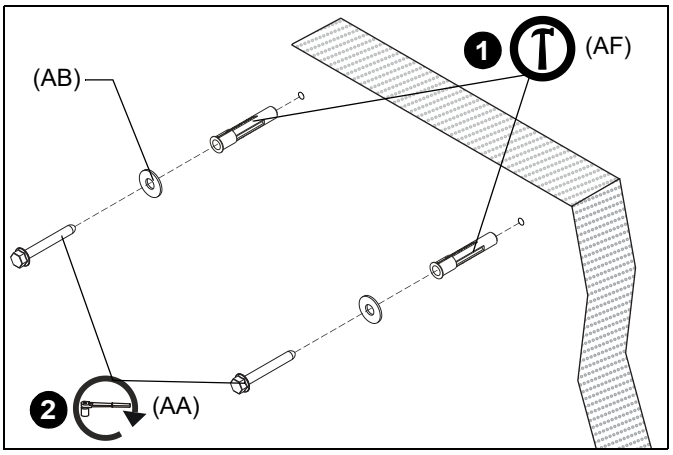


Figure 18

Steel Stud

IMPORTANT ! : See **Site Requirements for Wood or Steel Stud** section before proceeding with Steel Studs installation to ensure installation site meets requirements! The drywall must have a minimum thickness of 1/2"!

1. Hold metal channel on anchor (AC) flat alongside plastic straps and slide channel through hole. (See Figure 19)

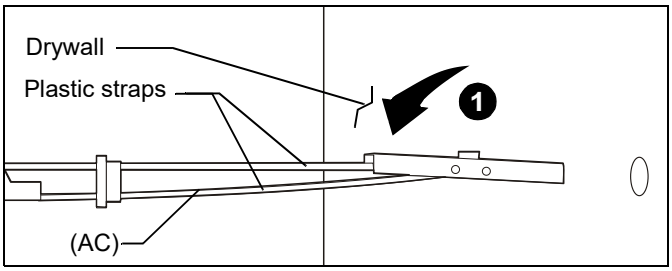


Figure 19

2. Holding plastic straps on anchor (AC), pull anchor away from wall until channel rests flush behind wall making sure anchor channel is positioned vertically on drywall, or steel stud (if present). (See Figure 20)
3. Slide plastic cap on anchor (AC) towards wall until flange of cap is flush with wall. (See Figure 20)

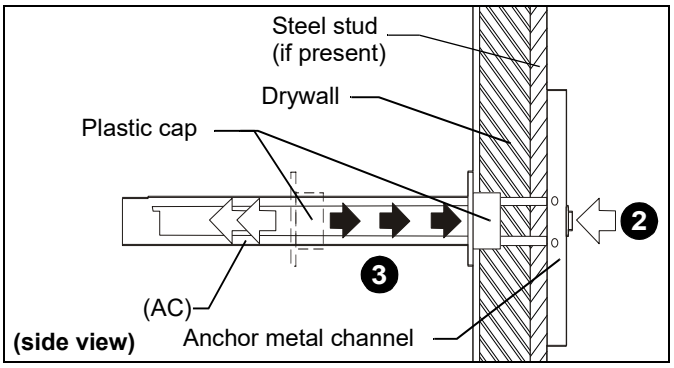


Figure 20

4. Snap off plastic straps on anchor at wall by pushing side to side, snapping off straps level with flange of plastic cap. (See Figure 21)

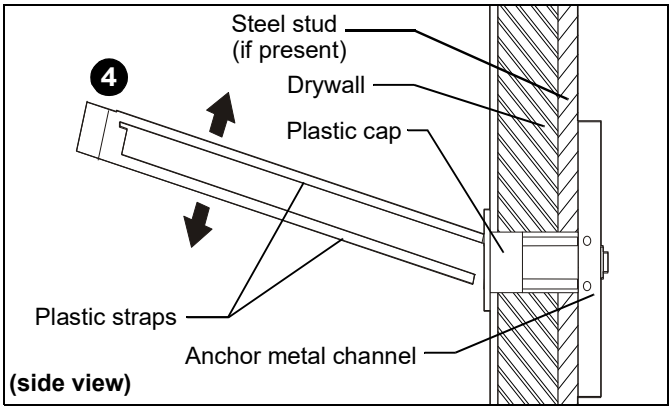


Figure 21

5. Line up anchor with attachment point.
6. Insert 1/4-20 x 1-3/4" Phillips pan head screw (AD) through 1/4" washer (AE), corresponding mounting hole in wall bracket and into anchor (AC), and tighten until flush against wall bracket. DO NOT over tighten! (See Figure 22)

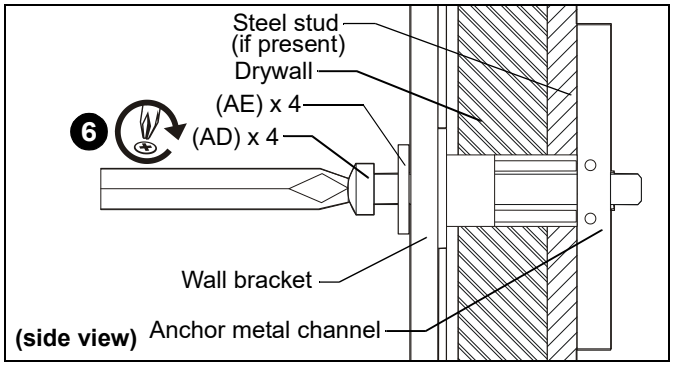
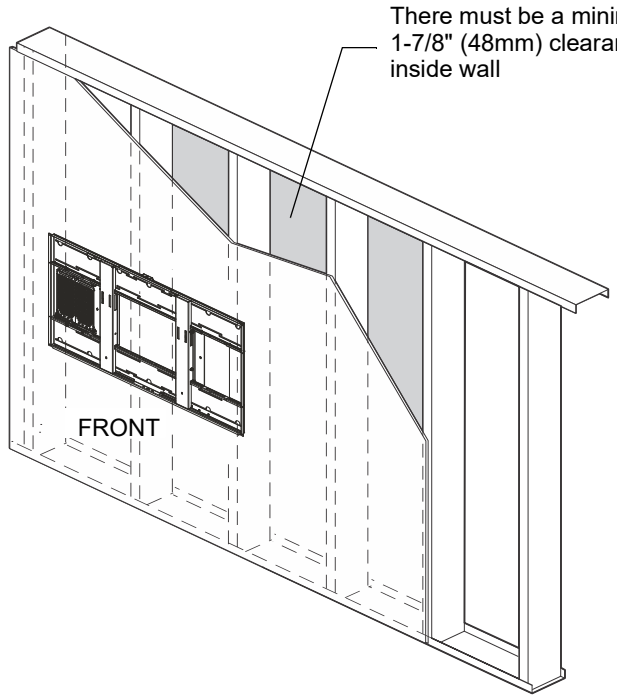


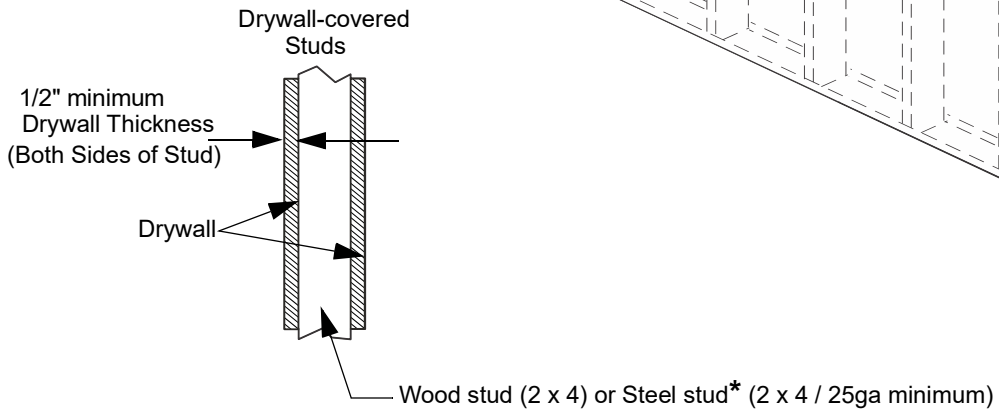
Figure 22

Site Requirements for Wood or Steel Stud

Steel Studs ONLY

If back side of wall is unfinished, drywall must be installed to a minimum of one stud left and right of the stud(s) being used to install the mount. Drywall must be secured to studs with screws a maximum of 12" (305mm) apart down center of stud.





*Steel stud type and structural strength must conform to the North American Specification for the Design of Cold-Formed Steel Structural Members. [362 S 125 18, C-Shaped, S-Stud Section]

Figure 23

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