INSTALLATION INSTRUCTIONS

LBM2X2U

LBM3X2U

LBM3X3U

LBM1X2U

LBM1X3U

LBM1X2UP

LBM2X2UP

LBM3X1UP

LBM3X2UP

Bolt Down Video Wall

CHIEF®
Our Mounts. **Your Vision.**

LBM Series

DISCLAIMER

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⚠ IMPORTANT SAFETY INSTRUCTIONS

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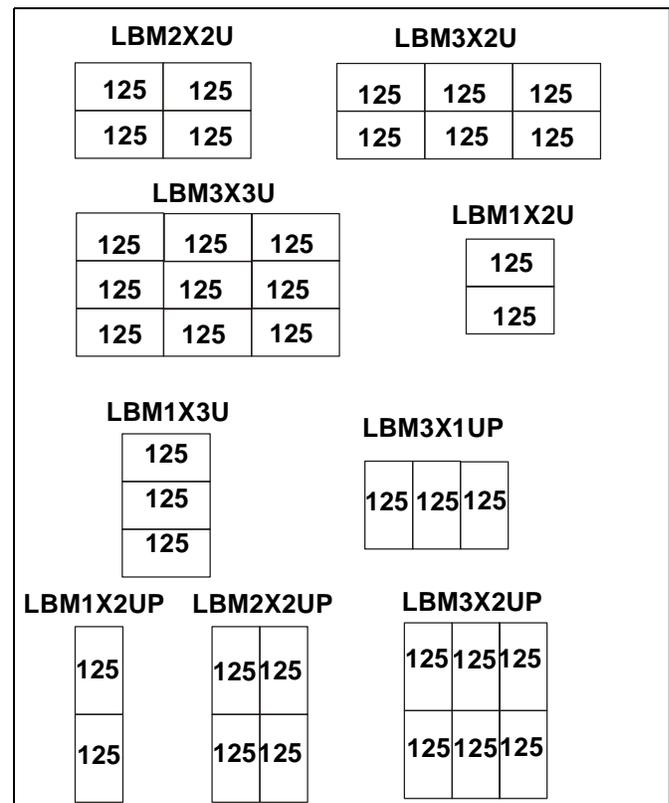
⚠ **WARNING:** Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer's responsibility to make sure all components are properly assembled and installed using the instructions provided.

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

⚠ **WARNING:** Do NOT stack multiple accessories on the same display wall! Do NOT connect wall add-on accessories to LBM3X3U, LBM3X2U, LBM2X2U, LBM1X2U and LBM1X3U that are already three display high. Display mounts may NOT be stacked higher than three displays high on non-portrait models! Portrait versions - LBM3X2UP, LBM1X2UP, LBM2X2UP AND LBM3X1UP - may NOT be stacked higher than two displays high!

⚠ **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 combined weight of each display and attached accessories mounted to the LBM mount does not exceed the limits listed in table.

MODEL	Max Weight Allowed for EACH Display	Max Weight Capacity of Mounting System
LBM2X2U	125 lbs (56.7 kg)	500 lbs (226.8 kg)
LBM3X2U	125 lbs (56.7 kg)	750 lbs (340.2 kg)
LBM3X3U	125 lbs (56.7 kg)	1125 lbs (510.3 kg)
LBM1X2U	125 lbs (56.7 kg)	250 lbs (113.4 kg)
LBM1X3U	125 lbs (56.7 kg)	375 lbs (170.1 kg)
LBM1X2UP	125 lbs (56.7 kg)	250 lbs (113.4 kg)
LBM3X1UP	125 lbs (56.7 kg)	375 lbs (170.1 kg)
LBM2X2UP	125 lbs (56.7 kg)	500 lbs (226.8 kg)
LBM3X2UP	125 lbs (56.7 kg)	750 lbs (340.2 kg)

LBM2X2U

125	125
125	125

LBM3X2U

125	125	125
125	125	125

LBM3X3U

125	125	125
125	125	125
125	125	125

LBM1X2U

125
125

LBM1X3U

125
125
125

LBM3X1UP

125	125	125

LBM1X2UP

125
125

LBM2X2UP

125	125
125	125

LBM3X2UP

| 125	125	125
125	125	125

NOTE: The UL Listed LBM Series video walls may be used with the following Listed video wall extension accessories:

MODEL	Models of Associated Listed Accessories
LBM2X2U	Width Extension: FCAX20, FCAX14, FCAX08
	Height Extension: FCA2X1U, FCABX18, FCABX36
LBM3X2U	Width Extension: FCAX20, FCAX14, FCAX08
	Height Extension: FCA3X1U, FCABX18, FCABX36
LBM3X3U	Width Extension: FCAX20, FCAX14, FCAX08
	Height Extension: FCABX36*
LBM1X2U	Width Extension: none
	Height Extension: FCABX18, FCABX36
LBM1X3U	Width Extension: none
	Height Extension: FCABX36*
LBM1X2UP	Width Extension: none
	Height Extension: FCABX36*
LBM3X1UP	Width Extension: FCAX20, FCAX14, FCAX08
	Height Extension: FCA3X1UP, FCABX18, FCABX36
LBM2X2UP	Width Extension: FCAX20, FCAX14, FCAX08
	Height Extension: FCABX36*
LBM3X2UP	Width Extension: FCAX20, FCAX14, FCAX08
	Height Extension: FCABX36*

*FCABX36 will be used in place of existing height extension.
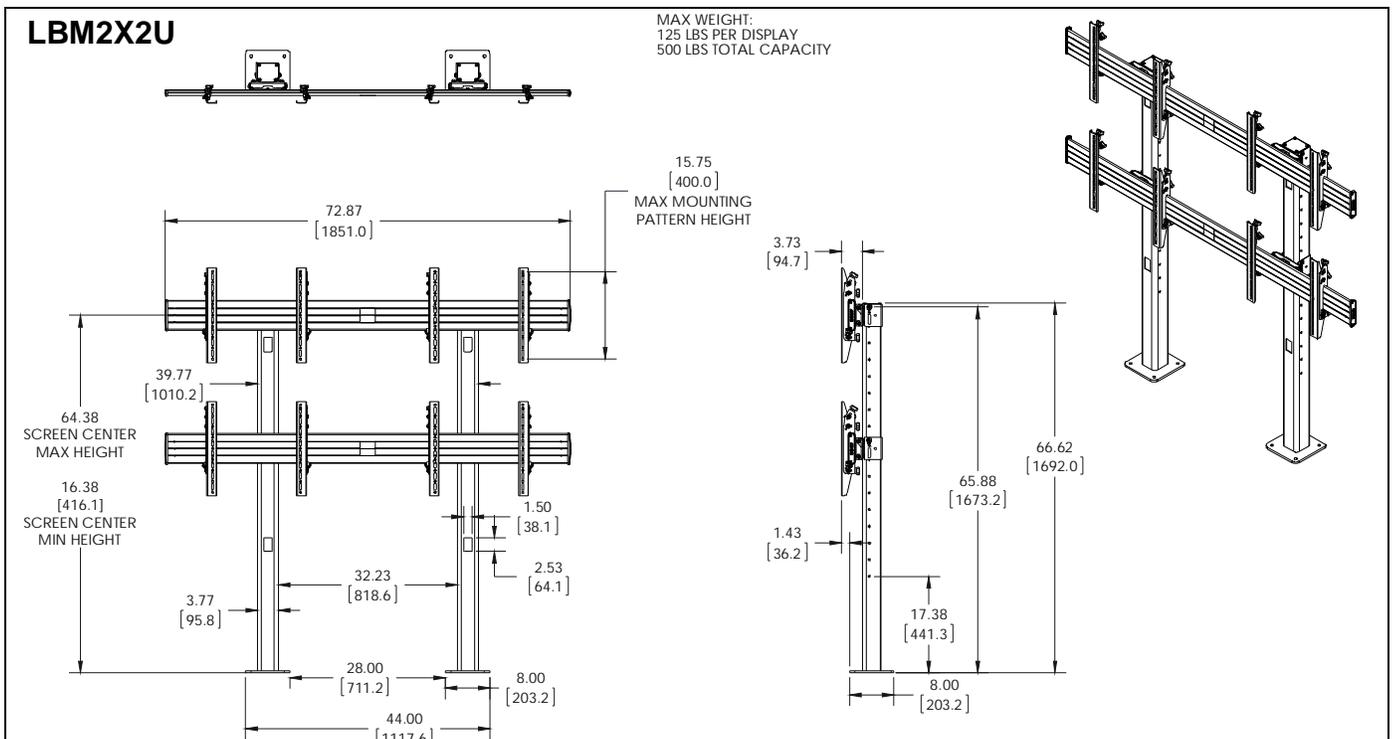
⚠ **WARNING:** Do NOT install LBM Series mounts to any surface other than concrete! Concrete flooring must be at least 4" in thickness and NOT be covered with any other type of flooring material. Concrete anchors must be installed directly into concrete surface.

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

Never operate this mounting system if it is damaged. Return the mounting system to a service center for examination and repair.
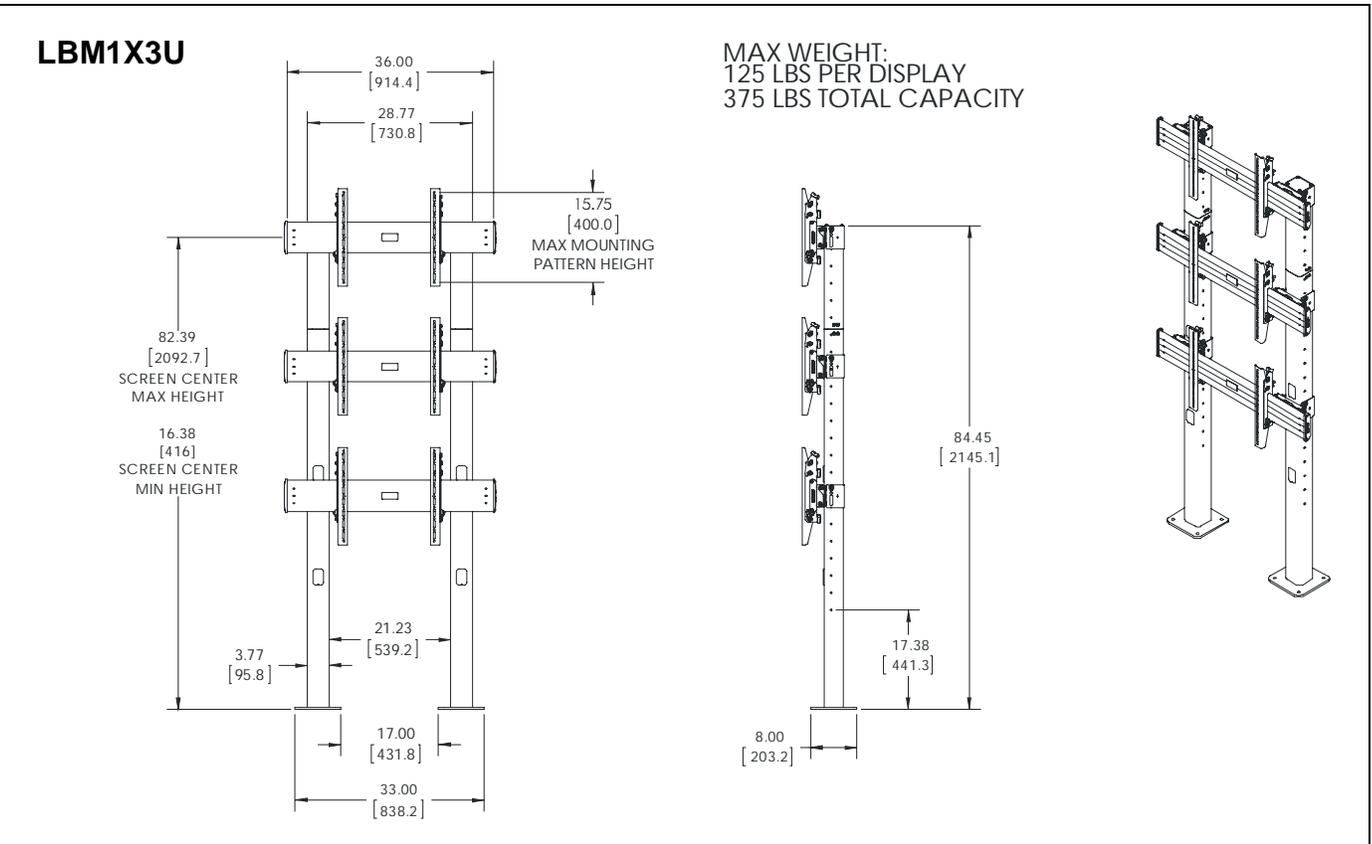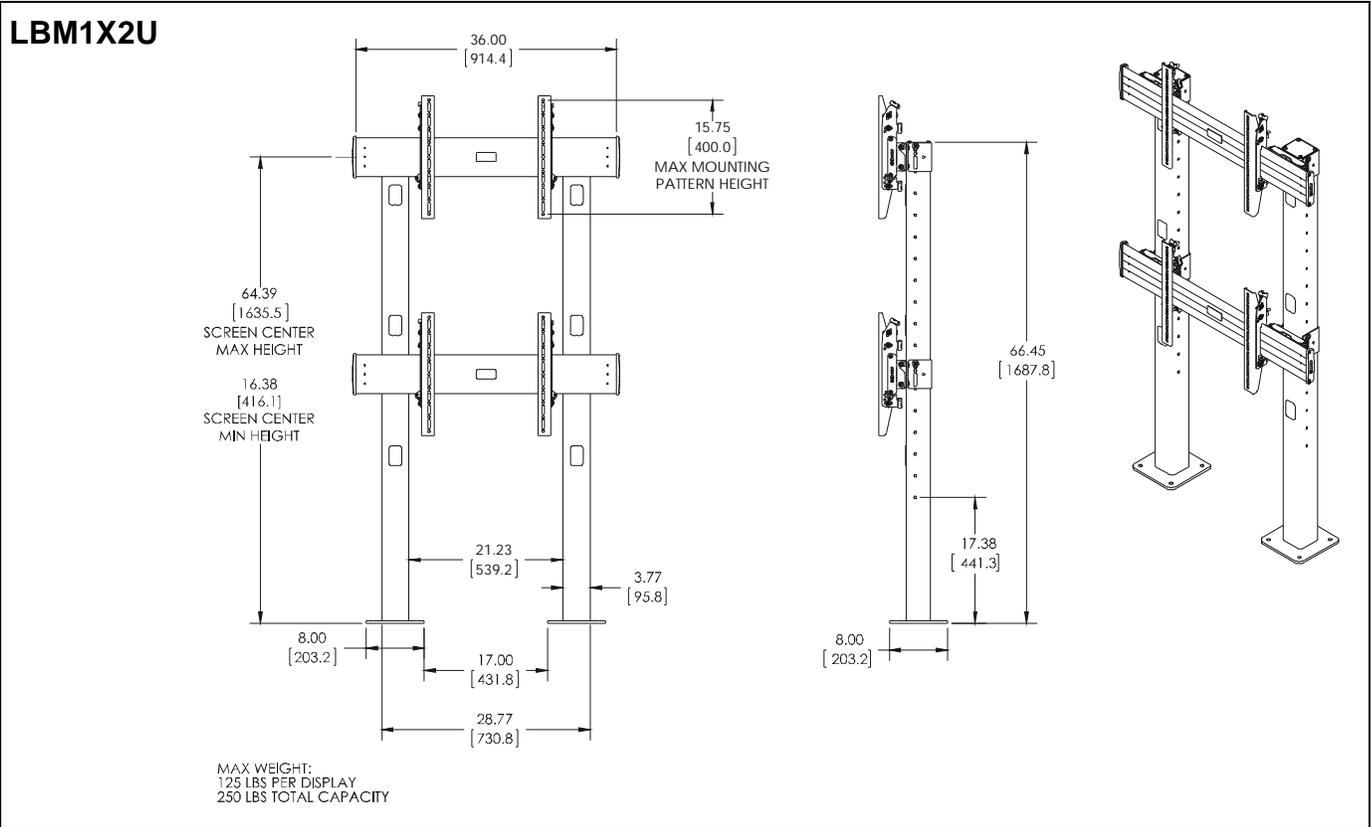
NOTE: Refer to UL Listed accessories manuals for installation instructions.
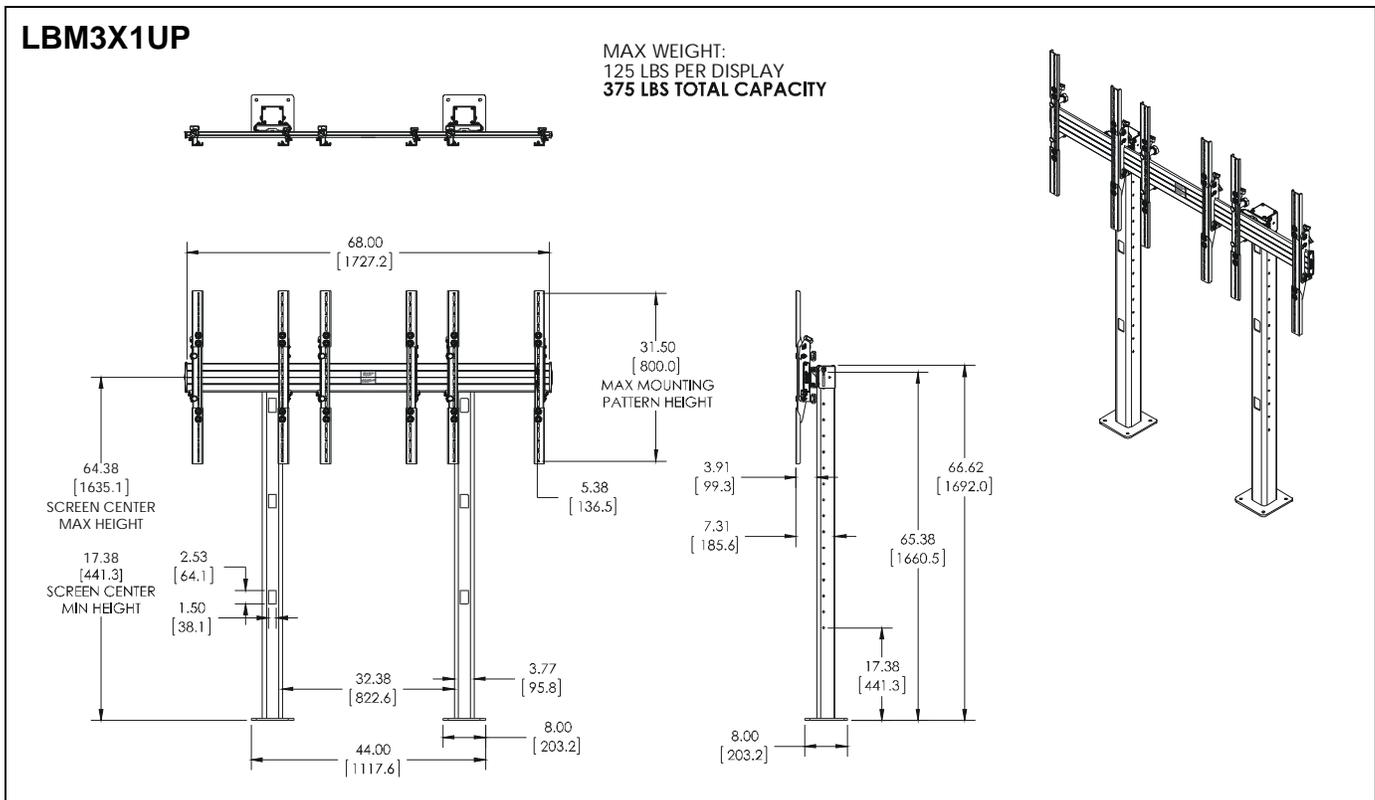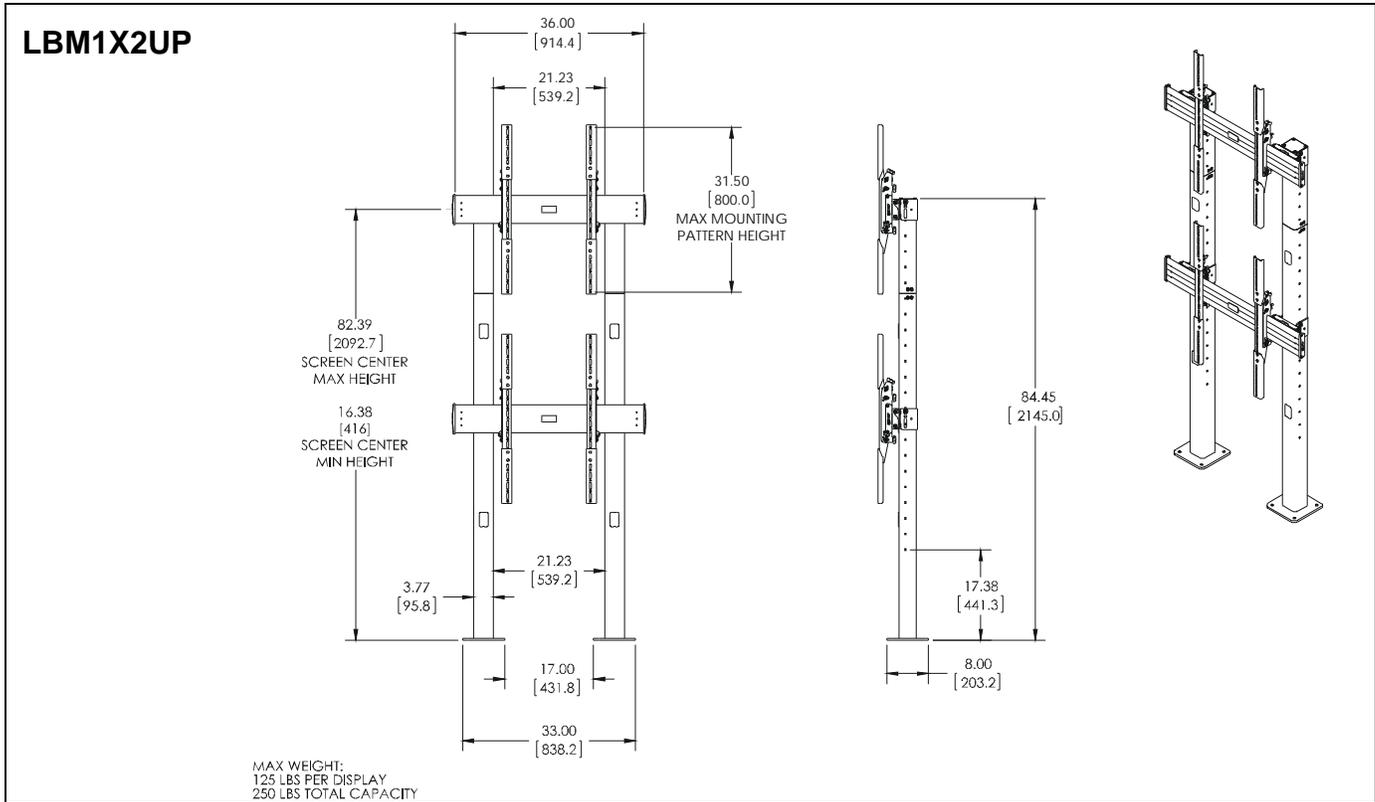
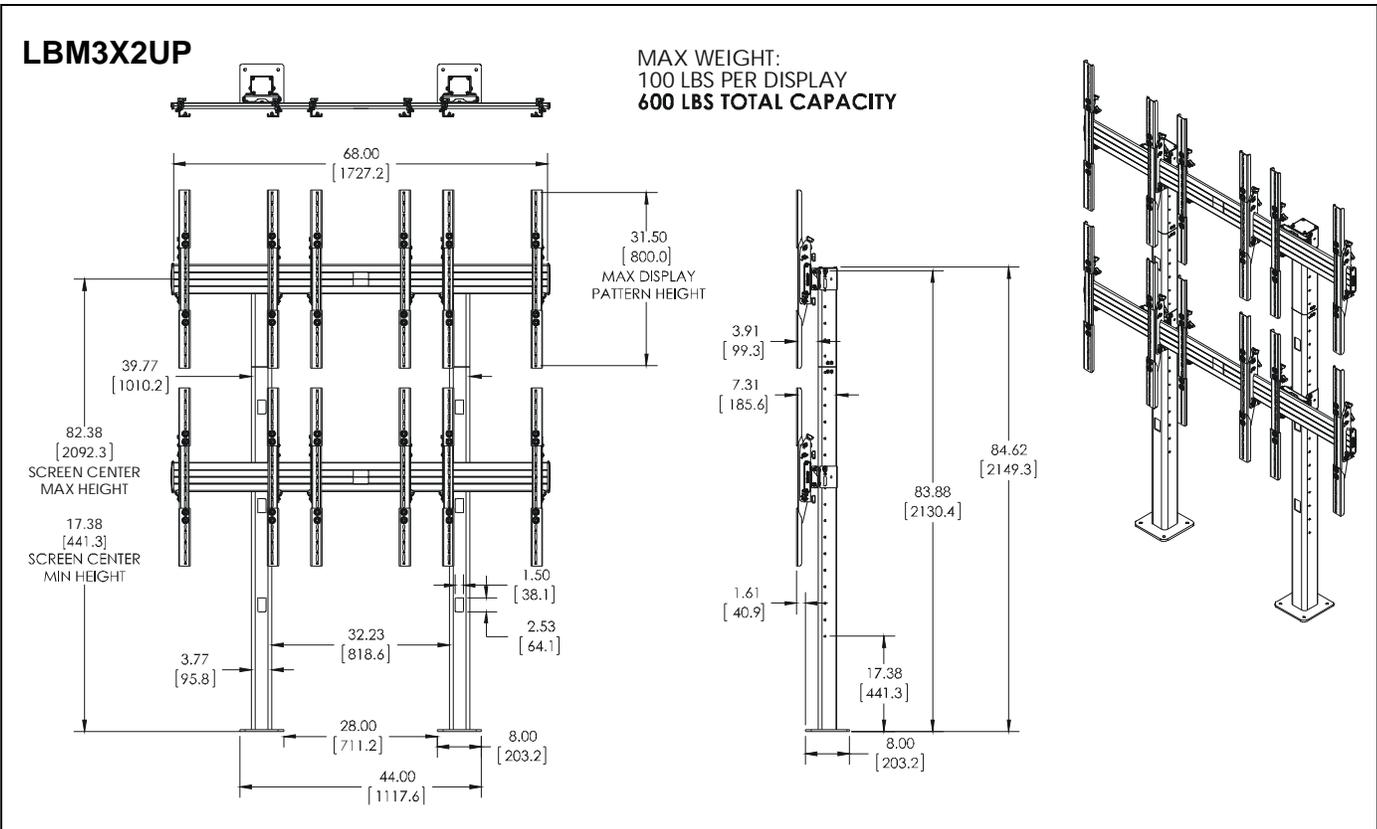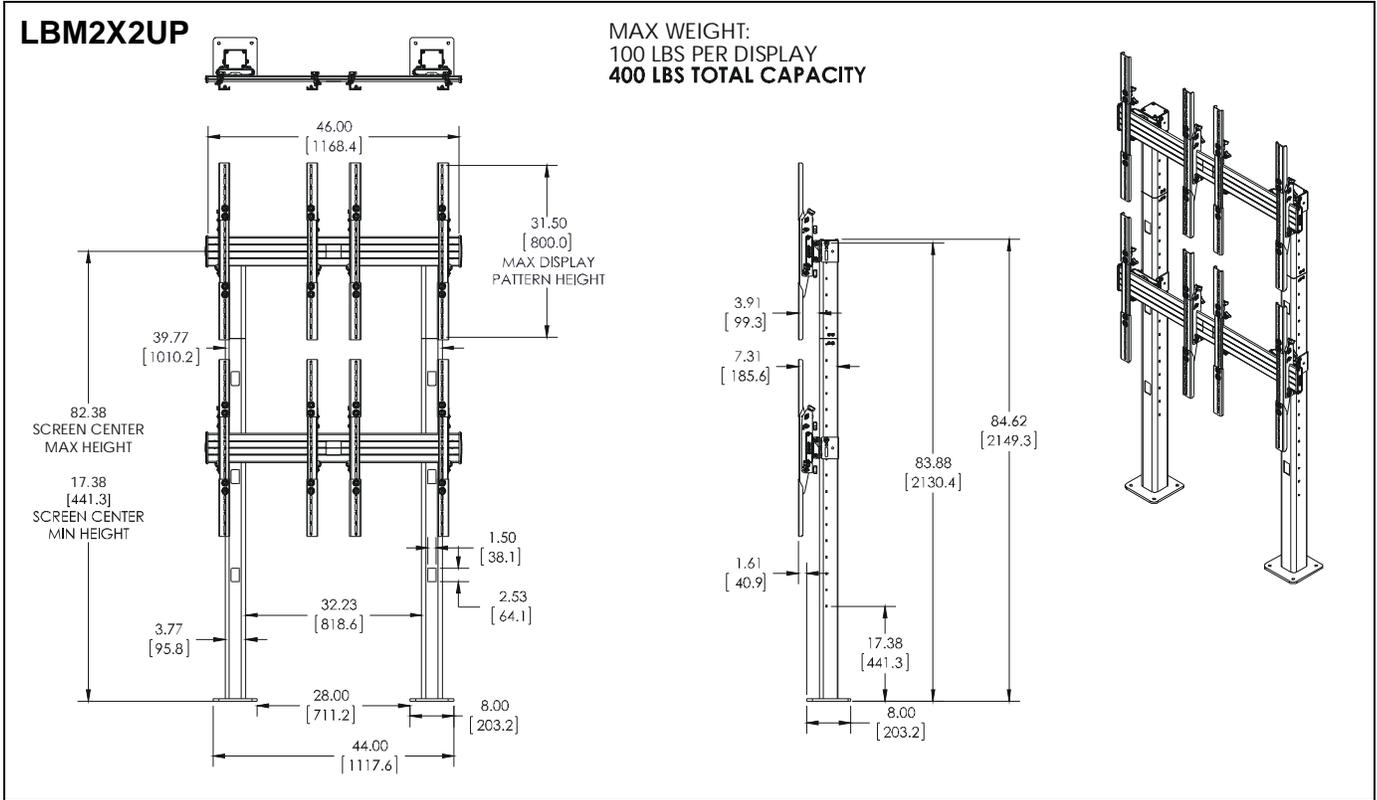**NOTE:** The LBM Series video walls have no user serviceable parts.

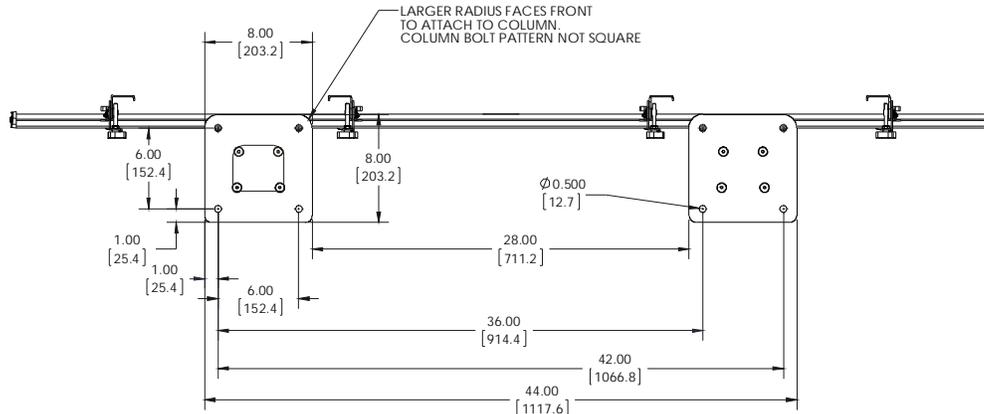⚠ **WARNING:** Do not use this product outdoors.

--SAVE THESE INSTRUCTIONS-

DIMENSIONS

LBM2X2U

MAX WEIGHT:
125 LBS PER DISPLAY
500 LBS TOTAL CAPACITY

LBM3X2U

MAX WEIGHT:
125 LBS PER DISPLAY
750 LBS TOTAL

108.89
[2765.8]

5.38
[136.5]

15.75
[400.0]
MAX MOUNTING
PATTERN HEIGHT

3.73
[94.7]

64.38
[1635.1]
SCREEN CENTER
MAX HEIGHT

88.27
[2242.1]

1.50
[38.1]

2.53
[64.1]

66.62
[1692.0]

65.88
[1673.2]

16.38
[416.1]
SCREEN CENTER
MIN HEIGHT

3.77
[95.8]

38.63
[981.1]

1.43
[36.2]

17.38
[441.3]

34.25
[870.0]

8.00
[203.2]

8.00
[203.2]

92.50
[2349.5]

LBM3X3U

MAX WEIGHT:
100 LBS PER DISPLAY
900 LBS TOTAL

108.87
[2765.4]

15.75
[400.0]
MAX MOUNTING
PATTERN HEIGHT

88.27
[2242.1]

3.73
[94.7]

84.62
[2149.2]

82.38
[2092.3]
SCREEN CENTER
MAX HEIGHT

83.88
[2130.4]

5.38
[136.5]

16.38
[416.1]
SCREEN CENTER
MIN HEIGHT

3.77
[95.8]

38.48
[977.4]

2.53
[64.1]

1.43
[36.2]

1.50
[38.1]

17.38
[441.3]

34.25
[870.0]

8.00
[203.2]

8.00
[203.2]

92.50
[2349.5]

LBM1X2U

36.00
[914.4]

15.75
[400.0]
MAX MOUNTING
PATTERN HEIGHT

64.39
[1635.5]
SCREEN CENTER
MAX HEIGHT

16.38
[416.1]
SCREEN CENTER
MIN HEIGHT

66.45
[1687.8]

21.23
[539.2]

3.77
[95.8]

17.38
[441.3]

8.00
[203.2]

17.00
[431.8]

8.00
[203.2]

28.77
[730.8]

MAX WEIGHT:
125 LBS PER DISPLAY
250 LBS TOTAL CAPACITY

LBM1X3U

36.00
[914.4]

28.77
[730.8]

MAX WEIGHT:
125 LBS PER DISPLAY
375 LBS TOTAL CAPACITY

15.75
[400.0]
MAX MOUNTING
PATTERN HEIGHT

82.39
[2092.7]
SCREEN CENTER
MAX HEIGHT

16.38
[416]
SCREEN CENTER
MIN HEIGHT

84.45
[2145.1]

21.23
[539.2]

3.77
[95.8]

17.38
[441.3]

17.00
[431.8]

8.00
[203.2]

33.00
[838.2]

5

LBM1X2UP

36.00
[914.4]

21.23
[539.2]

31.50
[800.0]
MAX MOUNTING
PATTERN HEIGHT

82.39
[2092.7]
SCREEN CENTER
MAX HEIGHT

16.38
[416]
SCREEN CENTER
MIN HEIGHT

84.45
[2145.0]

21.23
[539.2]

3.77
[95.8]

17.38
[441.3]

17.00
[431.8]

8.00
[203.2]

33.00
[838.2]

MAX WEIGHT:
125 LBS PER DISPLAY
250 LBS TOTAL CAPACITY

LBM3X1UP

MAX WEIGHT:
125 LBS PER DISPLAY
375 LBS TOTAL CAPACITY

68.00
[1727.2]

31.50
[800.0]
MAX MOUNTING
PATTERN HEIGHT

64.38
[1635.1]
SCREEN CENTER
MAX HEIGHT

5.38
[136.5]

3.91
[99.3]

66.62
[1692.0]

17.38
[441.3]
SCREEN CENTER
MIN HEIGHT

2.53
[64.1]

7.31
[185.6]

65.38
[1660.5]

1.50
[38.1]

32.38
[822.6]

3.77
[95.8]

17.38
[441.3]

44.00
[1117.6]

8.00
[203.2]

8.00
[203.2]

LBM2X2UP

MAX WEIGHT:
100 LBS PER DISPLAY
400 LBS TOTAL CAPACITY

46.00
[1168.4]

31.50
[800.0]
MAX DISPLAY
PATTERN HEIGHT

39.77
[1010.2]

82.38
SCREEN CENTER
MAX HEIGHT

17.38
[441.3]
SCREEN CENTER
MIN HEIGHT

3.91
[99.3]

7.31
[185.6]

84.62
[2149.3]

83.88
[2130.4]

1.61
[40.9]

1.50
[38.1]

2.53
[64.1]

3.77
[95.8]

32.23
[818.6]

17.38
[441.3]

28.00
[711.2]

8.00
[203.2]

8.00
[203.2]

44.00
[1117.6]

LBM3X2UP

MAX WEIGHT:
100 LBS PER DISPLAY
600 LBS TOTAL CAPACITY

68.00
[1727.2]

31.50
[800.0]
MAX DISPLAY
PATTERN HEIGHT

39.77
[1010.2]

82.38
[2092.3]
SCREEN CENTER
MAX HEIGHT

17.38
[441.3]
SCREEN CENTER
MIN HEIGHT

3.91
[99.3]

7.31
[185.6]

84.62
[2149.3]

83.88
[2130.4]

1.61
[40.9]

1.50
[38.1]

2.53
[64.1]

3.77
[95.8]

32.23
[818.6]

17.38
[441.3]

28.00
[711.2]

8.00
[203.2]

8.00
[203.2]

44.00
[1117.6]

7

Bolt Down Dimensions

LBM2X2U/LBM3X1UP
LBM2X2UP/LBM3X2UP

BOTTOM VIEW
FOR BOLT DOWN INSTALLATION

LARGER RADIUS FACES FRONT
TO ATTACH TO COLUMN.
COLUMN BOLT PATTERN NOT SQUARE

8.00
[203.2]

6.00
[152.4]

8.00
[203.2]

Ø0.500
[12.7]

1.00
[25.4]

1.00
[25.4]

6.00
[152.4]

28.00
[711.2]

36.00
[914.4]

42.00
[1066.8]

44.00
[1117.6]

LBM3X2U/LBM3X3U

BOTTOM VIEW
FOR BOLT DOWN INSTALLATION

8.00
[203.2]

LARGER RADIUS FACES FRONT
TO ATTACH TO COLUMN.
COLUMN BOLT PATTERN NOT SQUARE

6.00
[152.4]

8.00
[203.2]

Ø0.500
[12.7]

1.00
[25.4]

1.00
[25.4]

6.00
[152.4]

42.25
[1073.2]

48.25
[1225.6]

84.50
[2146.3]

90.50
[2298.7]

LBM1X2U/LBM1X3U/LBM1X2UP

BOTTOM VIEW
FOR BOLT DOWN INSTALLATION

8.00
[203.2]

LARGER RADIUS FACES FRONT
TO ATTACH TO COLUMN.
COLUMN BOLT PATTERN NOT SQUARE.

6.00
[152.4]

8.02
[203.7]

Ø0.50
[12.7]

1.00
[25.4]

6.00
[152.4]

17.00
[431.8]

25.00
[635.0]

31.00
[787.4]

33.00
[838.2]

8

LEGEND

	Tighten Fastener
	Apretar elemento de fijación
	Befestigungsteil festziehen
	Apertar fixador
	Serrare il fissaggio
	Bevestiging vastdraaien
	Serrez les fixations

	Pencil Mark
	Marcar con lápiz
	Stiftmarkierung
	Marcar com lápis
	Segno a matita
	Potloodmerkteken
	Marquage au crayon
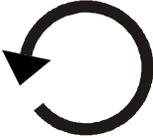
	Loosen Fastener
	Aflojar elemento de fijación
	Befestigungsteil lösen
	Desapertar fixador
	Allentare il fissaggio
	Bevestiging losdraaien
	Desserrez les fixations

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

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

	Adjust
	Ajustar
	Einstellen
	Ajustar
	Regolare
	Afstellen
	Ajuster

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

	Remove
	Quitar
	Entfernen
	Remover
	Rimuovere
	Verwijderen
	Retirez

	By Hand
	A mano
	Von Hand
	Com a mão
	A mano
	Met de hand
	À la main

	Optional
	Opcional
	Optional
	Opcional
	Opzionale
	Optie
	En option

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

	Security Wrench
	Llave de seguridad
	Sicherheitsschlüssel
	Chave de segurança
	Chiave di sicurezza
	Veiligheidssleutel
	Clé de sécurité

TOOLS REQUIRED FOR INSTALLATION

1/2" (12.7mm)
3/8" (9.5mm)

#2

3/8" (9.5mm)

3/16" (included with all)
1/8" (included with 3X2U,3X3U,
1X2U, 1X3U, 1X2UP)
5/32" (included with 3X3U, 1X3U
1X2U, 1X2UP, 2X2UP, 3X2UP)
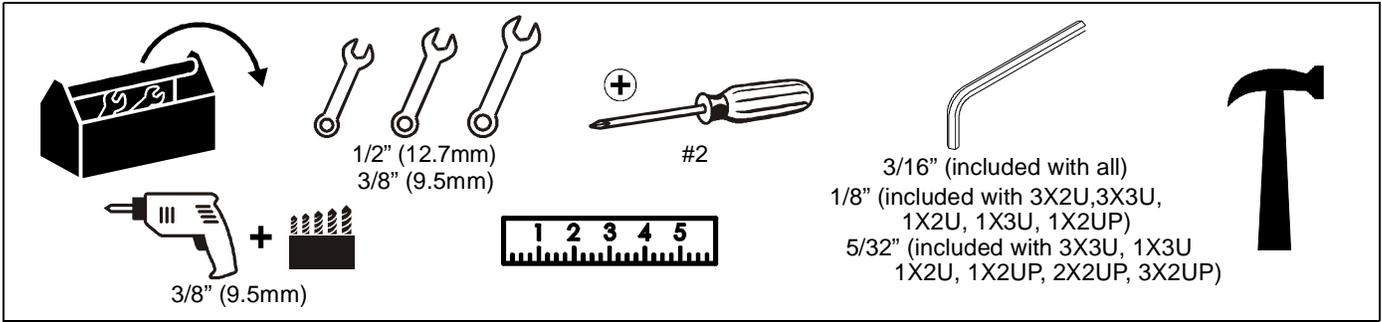
PARTS -Non-portrait Models- LBM2X2U/LBM3X2U/LBM3X3U/LBM1X2U/LBM1X3U (Portrait next page)

*Quantities are listed as
(LBM2X2/LBM3X2/LBM3X3/
LBM1X2/LBM1X3)

Hardware bag
(letters correspond
to letters on bag)

A (16/24/36/8/12)
M6x12mm

B (16/24/36/8/12)
M6x16mm

C (16/24/36/8/12)
M6x30mm

D (16/24/36/8/12)
1/4"

E (16/24/36/8/12)
.750x.344x.5

F (16/24/36/8/12)
M8x12mm

G (16/24/36/8/12)
M8x16mm

H (16/24/36/8/12)
M8x25mm

I (8/12/18/4/6)
1/4-20 x 1 1/4"

J (0/0/0/2/3)
[single display rail]

K (2/0/0/0/0)
[dual display rail]

L (0/2/3/0/0)
[triple display rail]

M (2/3/3/2/2)
[cart array column]

N (2/3/3/2/2)
[column cap]

R (8/12/12/8/8)
5/16-18 x 1 1/2"

U (8/12/12/8/8)
[3/8 x 3" anchor]

W (0/0/18/12/12)
1/4-20 x 1/2"

P (4/6/9/4/6)
[clamp bracket]

T (1/1/1/1/1)
3/16" hex bit

Q (4/6/9/4/6)
[quick connect base]

V (0/0/3/0/2)
[column add-on]

X (0/6/9/0/0)
#10-24 x 1 1/2"

Y (4/6/9/2/3)
[left interface]

Z (4/6/9/2/3)
[right interface]

AA (4/6/9/4/6)
5/16-18 x 4 1/2"

BB (32/48/72/32/48)
5/16-18 x 3/4"

CC (8/12/18/8/12)
5/16"

DD (0/2/3/0/0)
[add-on rail]

KK (4/6/6/6/6)
[snap cover]

EE (8/12/12/8/8)
5/16-18 x 1/2"

FF (4/6/9/4/6)
5/16-18

GG (1/1/1/1/1)
3/16"

HH (0/1/1/1/1)
1/8"

JJ (0/0/1/1/1)
5/32"

LL (2/3/3/2/2)
[bolt down plate]

Parts - Portrait Models - LBM1X2UP/LBM3X1UP/LBM2X2UP/LBM3X2UP

*Quantities are listed as
(LBM1X2UP/LBM3X1UP/
LBM2X2UP/LBM3X2UP)

J (2/0/0/0)
[single portrait display rail]

K (0/1/2/2)
[portrait display rail]

M (2/2/2/2)
[cart array column]

L (0/0/0/0)
[triple display rail]

Y (2/3/4/6)
[left interface]

Z (2/3/4/6)
[right interface]

Hardware bag
(letters correspond
to letters on bag)

A (8/12/16/24)
M6x12mm

B (8/12/16/24)
M6x16mm

C (8/12/16/24)
M6x30mm

D (8/12/16/24)
1/4"

E (8/12/16/24)
.750x.344x.5

F (8/12/16/24)
M8x12mm

G (8/12/16/24)
M8x16mm

H (8/12/16/24)
M8x25mm

I (4/6/8/12)
1/4-20 x 1 1/4"

N (2/2/2/2)
[column cap]

R (8/8/8/8)
5/16-18 x 1 1/2"

U (8/8/8/8)
[3/8 x 3" anchor]

W (12/0/12/12)
1/4-20 x 1/2"
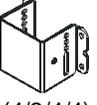
P (4/2/4/4)
[clamp bracket]

T (1/1/1/1)
3/16" hex bit

Q (4/2/4/4)
[quick connect base]
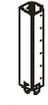
V (2/0/2/2)
[column add-on]

X (0/0/0/0)
#10-24 x 1 1/2"

AA (2/2/4/4)
5/16-18 x 4 1/2"

BB (16/16/32/32)
5/16-18 x 3/4"

CC (4/4/8/8)
5/16"
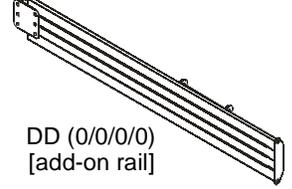
DD (0/0/0/0)
[add-on rail]
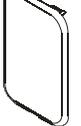
KK (6/4/4/4)
[snap cover]

EE (8/8/8)
5/16-18 x 1/2"

FF (2/4/4)
5/16-18"

GG (1/1/1)
3/16"
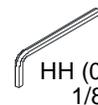
HH (0/0/0)
1/8"

JJ (0/1/1)
5/32"

LL (2/2/2)
[bolt down plate]

Assembly And Installation

Bolt Down Columns to Floor

1. Lay array columns (M) down on a flat surface.

2. Use four 5/16-18 x 1 1/2" flat head cap screws (R) to connect each bolt down plate (LL) to each columns (M). (See Figure 1)

IMPORTANT ! : Inside bolt pattern is NOT square! Corners of front of plate have larger radii than corners on back of plate. Plate must be properly aligned in order to attach to column.
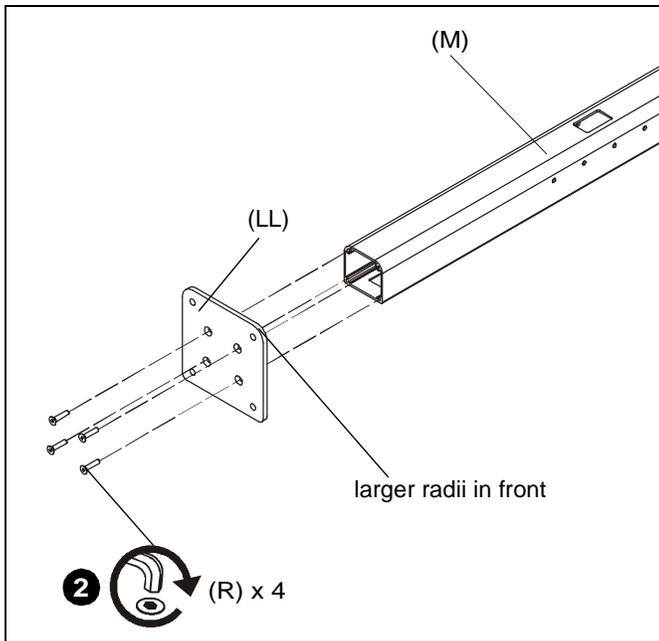
Figure 1

3. Using bolt down plates (LL) as templates, mark four holes at outside hole locations for each column. (See Figure 2)

⚠ **WARNING:** Do NOT install LBM Series mounts to any surface other than concrete! Concrete flooring must be at least 4" in thickness and NOT be covered with any other type of flooring material. Concrete anchors must be installed directly into concrete surface.

IMPORTANT ! : See Bolt Down Dimensions on page 6 to measure distances between each bolt down plate.

IMPORTANT ! : Make sure columns will be installed far enough away from any walls so that displays may be installed.

4. Using a 3/8" drill bit, drill a hole 3 1/2" in depth at each marked location. (See Figure 2) and (See Figure 3)

5. Blow each hole clean of any concrete debris with a large air hose or compressed air in a can. (See Figure 3)

IMPORTANT ! : Do NOT modify the anchors or advance the bolt in the anchors prior to installation!

6. Place each bolt down plate (LL) on top of drilled holes making sure holes on plate are aligned with drilled holes. (See Figure 3)

7. Use a hammer to drive anchors (U) through plate holes into the drilled holes until the bolt head is firmly seated against the plate. (See Figure 2) and (See Figure 3)

8. Tighten each anchor by turning the head three to four turns past finger tight. (See Figure 3)
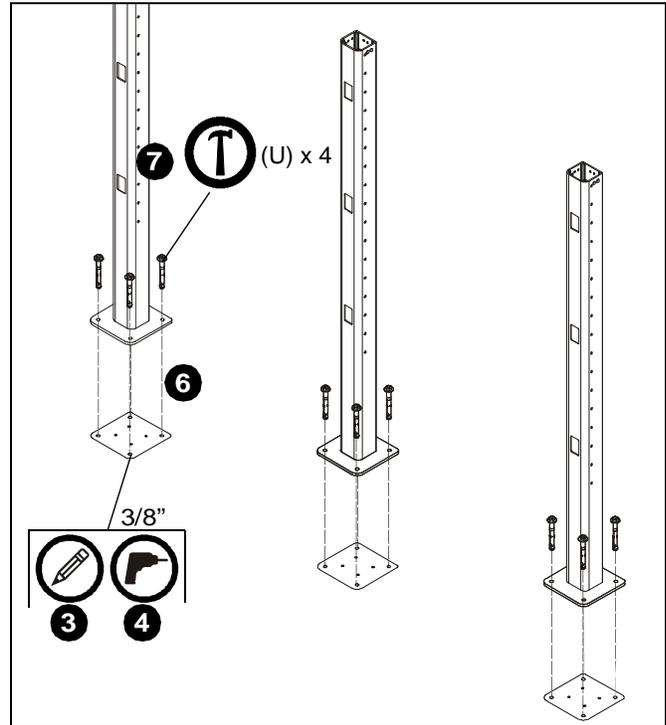
Figure 2
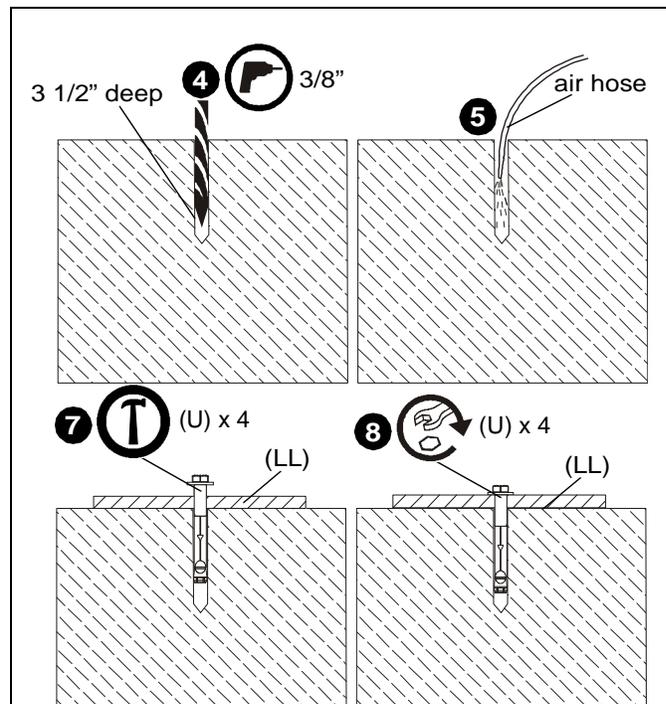
Figure 3

9. Repeat Steps 4-8 for additional column(s).

Column Add-On Installation (LBM3X3U/ LBM1X3U/LBM2X2UP/LBM3X2UP only)

1. Insert one column add-on (V) to each column (M) making sure holes are lined up on each side. (See Figure 4)

2. Use 5/32" hex key (JJ) and six 1/4-20 x 1/2" flat head cap screws (W) to secure each column add-on (V) to each column (M). (See Figure 4)
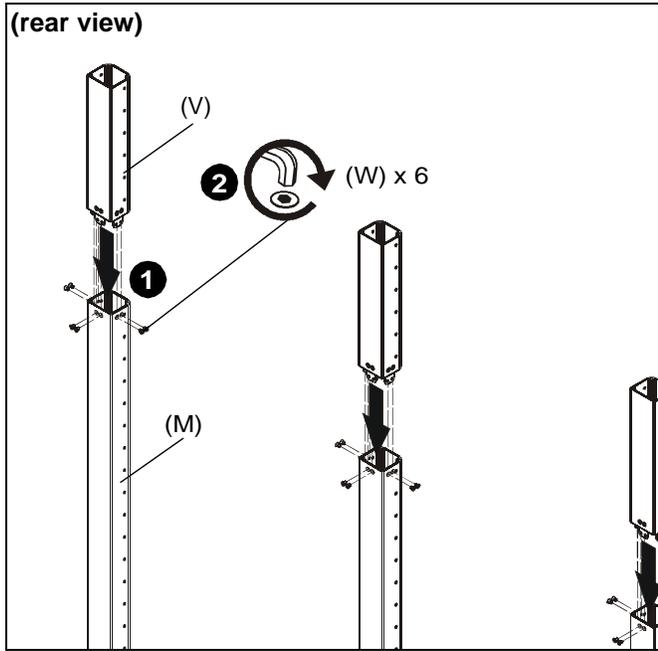
Figure 4

Rails Installation

1. Using display dimensions, determine where the center of the top displays will be on the cart.

IMPORTANT ! : Install all column add-ons (V), if applicable, prior to installing rails to columns.

2. Place clamp brackets (P) on columns in the position of where the center of the top displays will be on the cart with the diamond on the brackets being placed at the exact center location. (See Figure 5)
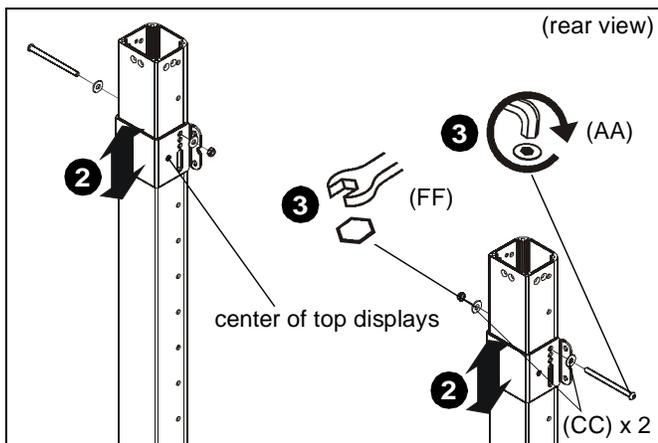
Figure 5

3. Use 5/16-18 x 4 1/2" button head cap screw (AA), two 5/16" washers (CC) and 5/16-18" lock nut (FF) to secure each clamp bracket (P) to column. (See Figure 5)

NOTE: Clamp brackets (P) may be flipped in order to use long slots for installation if necessary. (See Figure 6)
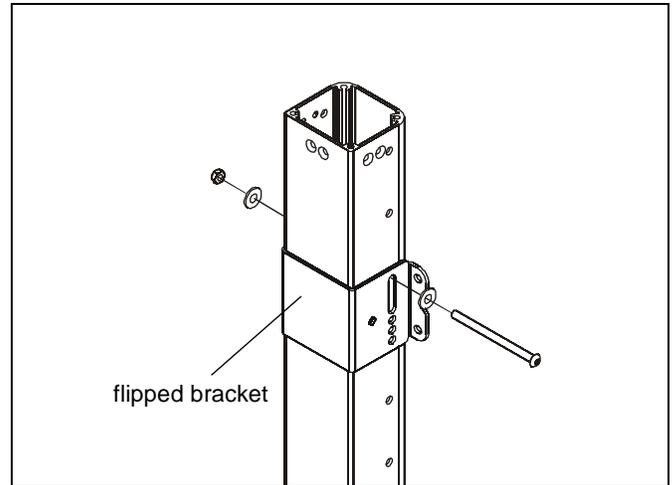
Figure 6

NOTE: If installing LBM3X1UP, proceed ahead to Step 6.

4. Measure one screen height down from center point on installed clamp brackets to determine mounting location of lower clamp brackets. (See Figure 7)

5. Use 5/16-18 x 4 1/2" button head cap screw (AA), two 5/16" washers (CC) and 5/16-18" lock nut (FF) to install clamp brackets for lower displays with center diamond one screen height below center diamond of upper installed brackets. (See Figure 7)

NOTE: If some clearance is desired in between displays, install lower brackets slightly more than one screen height below upper brackets.

Figure 7

13
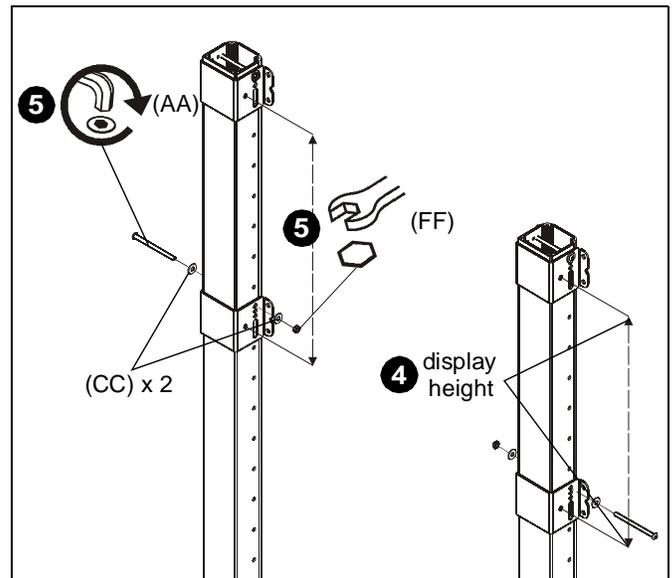
6. Use four 5/16-18 x 3/4" button head flange screws (BB) to secure each attached clamp bracket (P) to each quick connect base (Q). (See Figure 8)
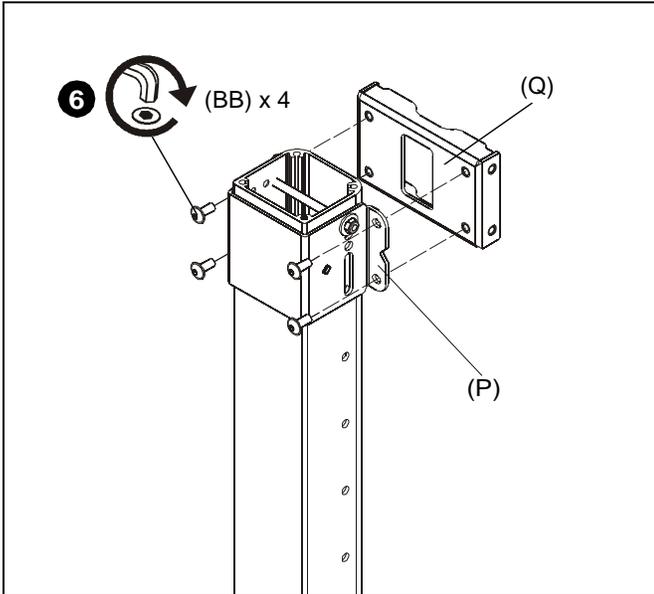
Figure 8

NOTE: If rails must be installed over cable management holes on column, cables must be routed prior to installing rails onto quick connect bases. See Cable Management section for details.

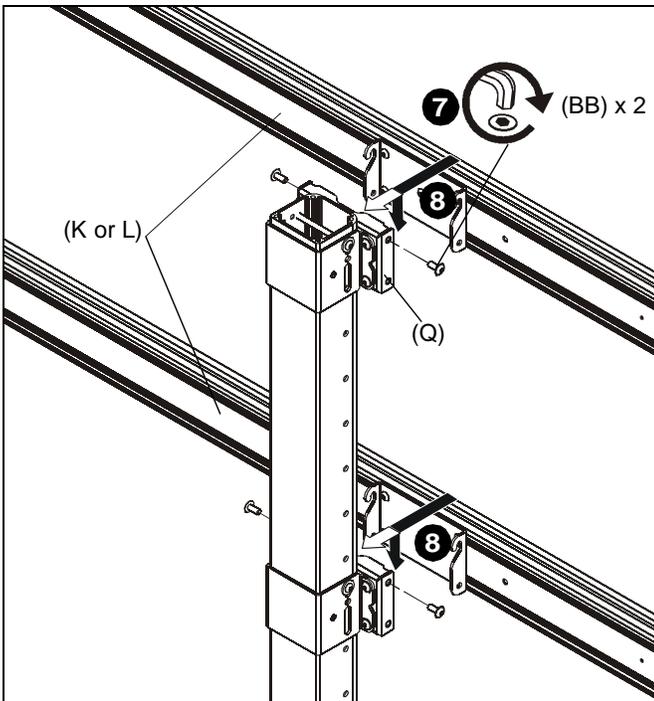7. Install two 5/16-18 x 3/4" button head flange screws (BB) into the top holes on each quick connect base (Q). (See Figure 9)

Figure 9

8. Hang rails (K or L) into screws installed in previous step to quick connect bases (Q). (See Figure 9)

IMPORTANT ! : If installing the triple display rail (L), install rail to left and center columns so that add-on rail can be installed to right column. See Add-On Rail Installation section for details.

9. Install two 5/16-18 x 3/4" button head flange screws (BB) into the lower holes on each quick connect base (Q) to secure rails to quick connect bases. (See Figure 10)

10. Tighten all 5/16-18 x 3/4" button head flange screws (BB).
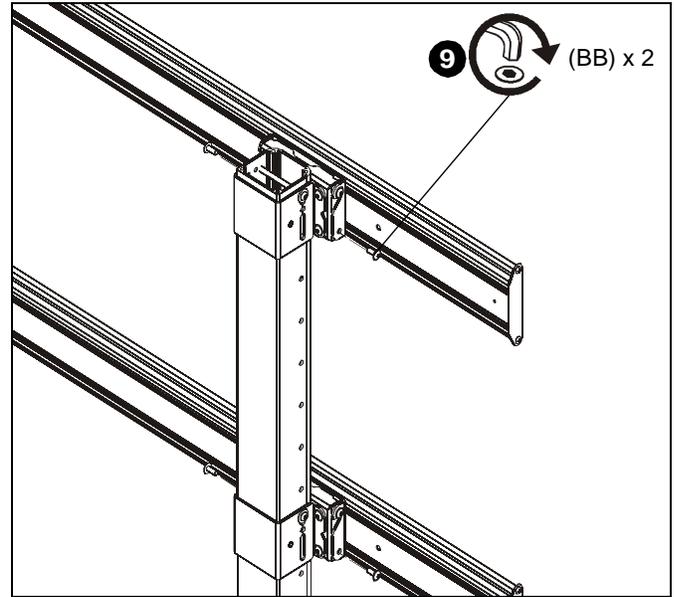
Figure 10

Add-On Rail Installation (LBM3X2U/LBM3X3U/ LBM1X3U/LBM1X2UP/LBM2X2UP/LBM3X2UP only)

1. Install add-on rails (DD) to right column following instructions in Rails Installation section.

2. Use three #10-24 x 1 1/2" flat head cap screws (X) to attach each add-on rail (DD) to display rail (L). (See Figure 11)
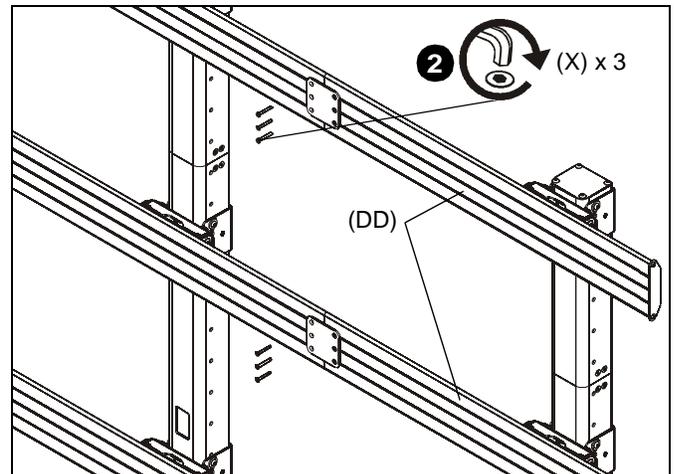
Figure 11

Display Installation

1. Place display face down on a soft, non-abrasive surface.

NOTE: For best access, route display cables through columns prior to display installation. See Cable Management section for details.

⚠️
CAUTION: Using screws of improper diameter may damage your display! Proper screws will easily thread into display mounting holes.

2. Select screw *diameter* by examining hardware (A-C and F-H) (6mm or 8mm) and comparing with mounting holes on display. (See Figure 12) or (See Figure 13)

3. Select spacers:

   • If mounting holes are not recessed and interface brackets (Y and Z) can lay flat against display, then no spacers are required.

   • If mounting holes are recessed, or if protrusions prevent brackets (Y and Z) from laying flat, then spacers (E) must be used.

⚠️
CAUTION: Using screws of improper length may damage your display! Proper screws will have adequate thread engagement without contacting bottom of display mounting holes.

4. Select screw *length:* (See Figure 12) and (See Figure 13)

   • Using your hand, insert SHORTEST length screw of selected diameter (A or F) through 1/4" washer (D), bracket (Y or Z), selected spacer (E, if required), into display mounting hole. Do NOT thread screw into hole at this time.

   • 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.

5. Use selected screws (A-C or F-H), washers (D) and spacers (E), if necessary, to connect interface brackets (Y and Z) to back of display. Make sure diamond on interface brackets is even with center of display. (See Figure 12)
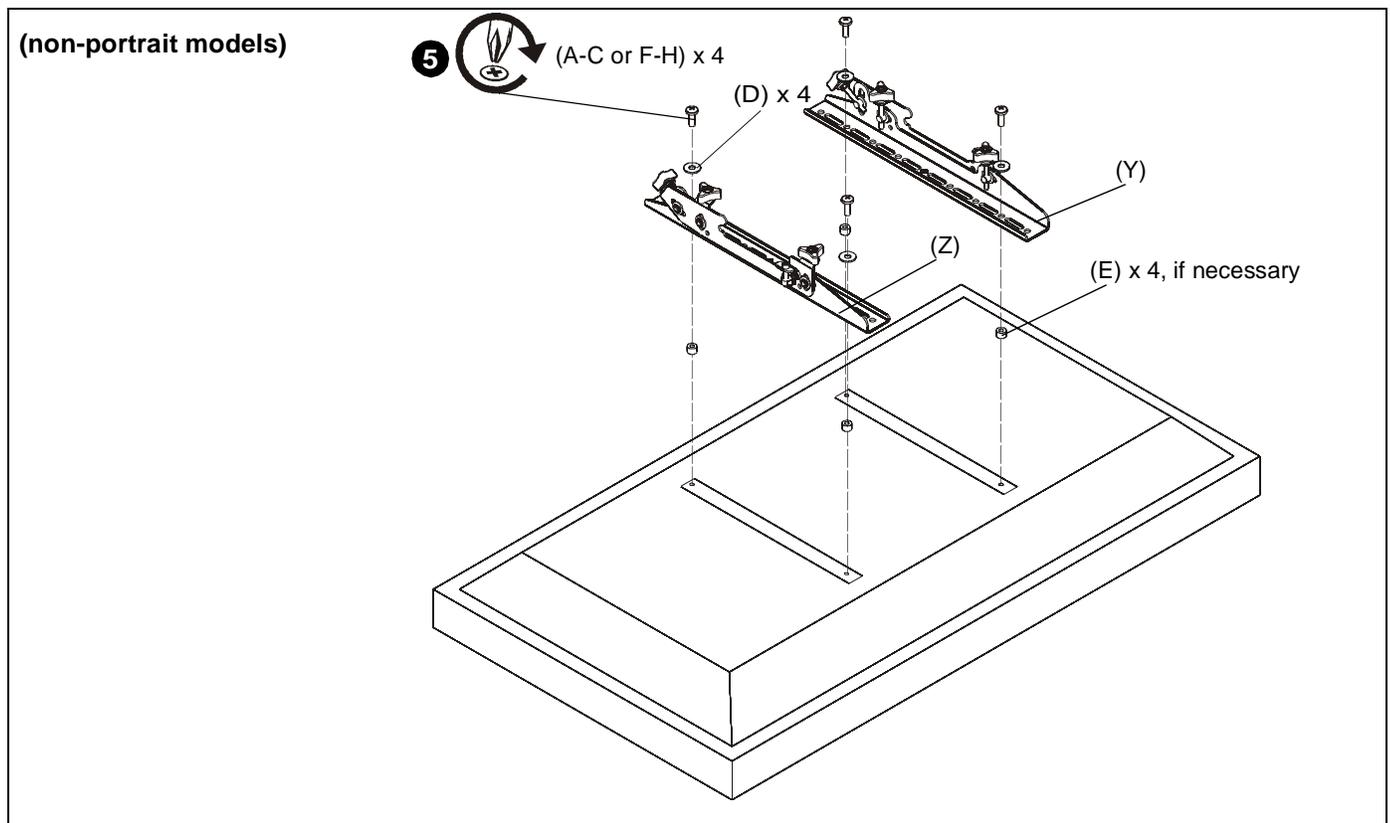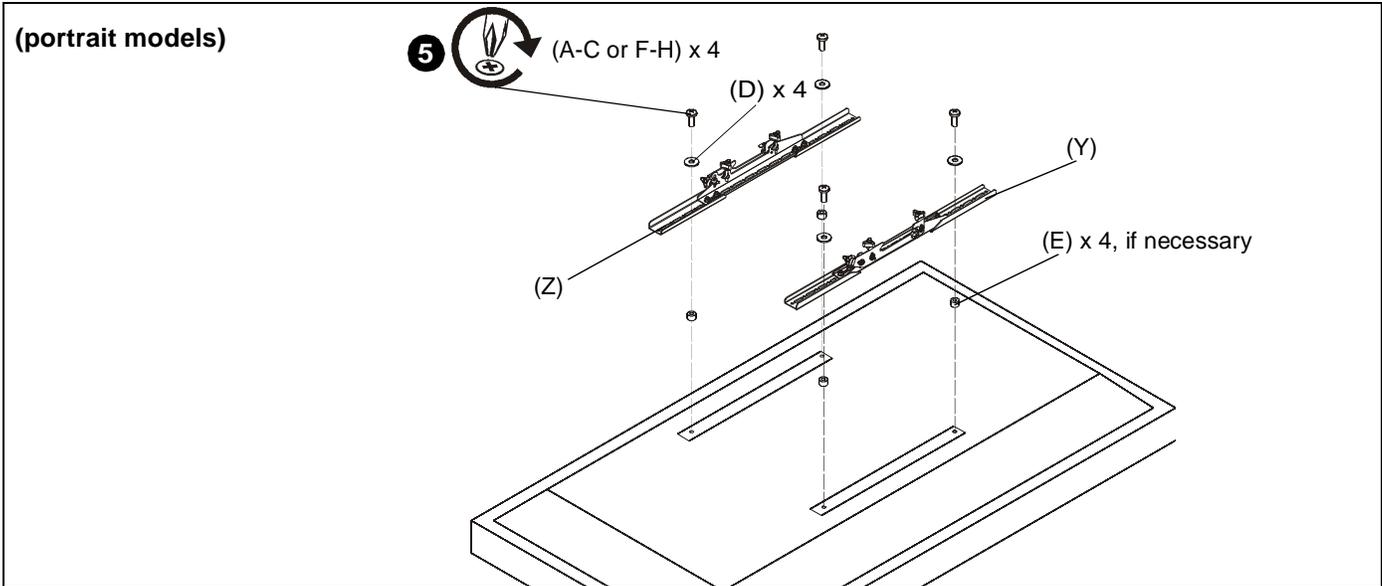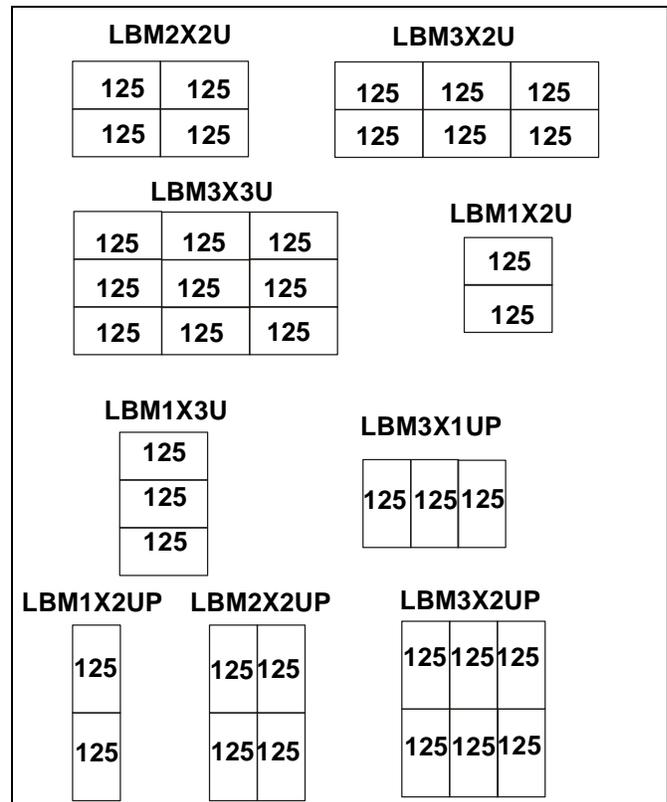

Figure 12

Figure 13

⚠ **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 combined weight of each display and attached accessories mounted to the LBM mount does not exceed the limits listed below.

MODEL	Max Weight Allowed for **EACH** Display	Max Weight Capacity of Mounting System
LBM2X2U	125 lbs (56.7 kg)	500 lbs (226.8 kg)
LBM3X2U	125 lbs (56.7 kg)	750 lbs (340.2 kg)
LBM3X3U	125 lbs (56.7 kg)	1125 lbs (510.3 kg)
LBM1X2U	125 lbs (56.7 kg)	250 lbs (113.4 kg)
LBM1X3U	125 lbs (56.7 kg)	375 lbs (170.1 kg)
LBM1X2UP	125 lbs (56.7 kg)	250 lbs (113.4 kg)
LBM3X1UP	125 lbs (56.7 kg)	375 lbs (170.1 kg)
LBM2X2UP	125 lbs (56.7 kg)	500 lbs (226.8 kg)
LBM3X2UP	125 lbs (56.7 kg)	750 lbs (340.2 kg)

LBM2X2U

125	125
125	125

LBM3X2U

125	125	125
125	125	125

LBM3X3U

125	125	125
125	125	125
125	125	125

LBM1X2U

125
125

LBM1X3U

125
125
125

LBM3X1UP

125	125	125

LBM1X2UP

125
125

LBM2X2UP

125	125
125	125

LBM3X2UP

125	125	125
125	125	125

16

6. Starting from the bottom and working up, hang interface brackets (Y and Z) to display rails (K or L). (See Figure 14)

7. Use 1/4-20 x 1 1/4" socket head cap screws (I) to secure interface brackets (Y and Z) to rails for each display. Screws must engage through both holes to be fully secured. (See Figure 14)

NOTE: Display positions may need to be adjusted after height and/or plumb adjustments in order to maintain desired alignment.
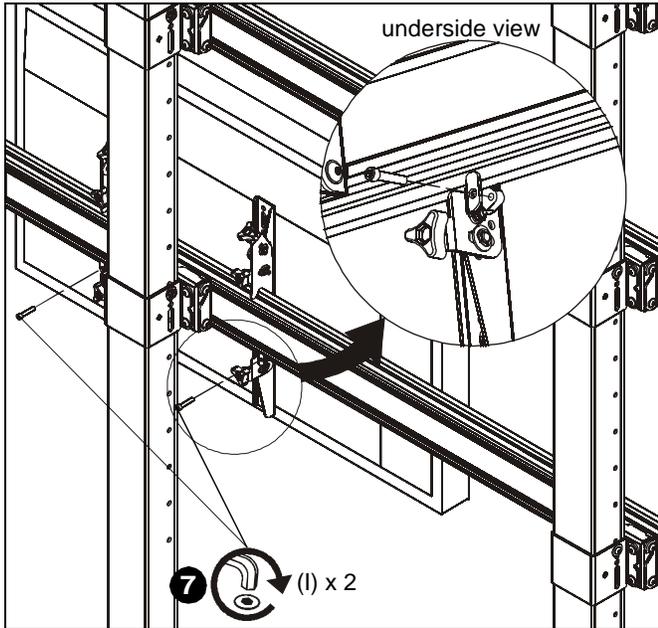

Figure 14

Column Cap Installation

NOTE: If the top holes on columns will be used for cable management, do NOT install column caps to columns as illustrated below. See Cable Management section for details.

1. Use four 5/16-18 x 1/2" button head cap screws (EE) to install each column cap (N) to each column. (See Figure 15)
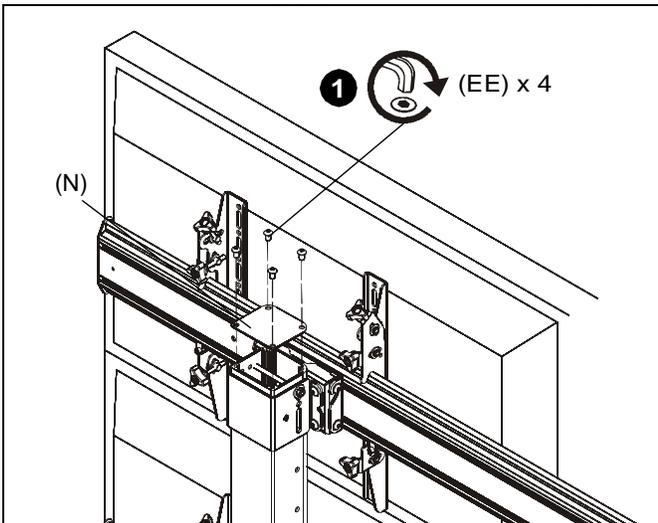
Figure 15

Adjustments

Height Adjustment

1. Use upper knob on back of interface brackets (Y and Z) to adjust the height of each display. (See Figure 16)

NOTE: Adjust both brackets in order to maintain a level mount.

Plumb Adjustment

2. Use middle and lower knobs on back of interface brackets (Y and Z) to make plumb adjustments to each display. (See Figure 16)
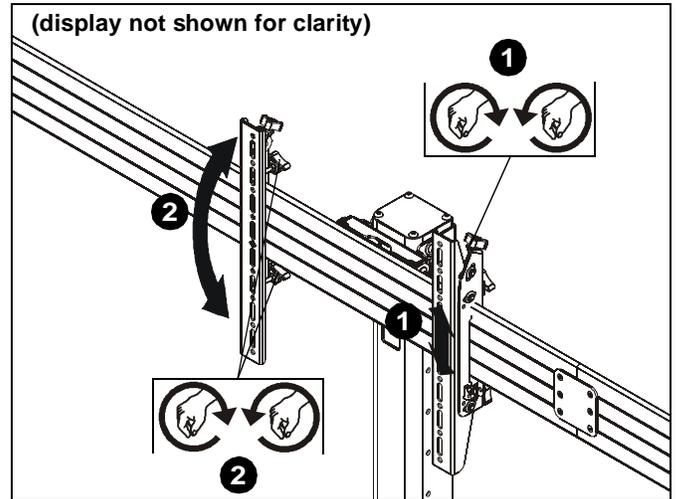
Figure 16

Cable Management

1. Route cables from displays through nearest holes on front of columns and out through back cable management hole. (See Figure)

NOTE: For best access, route display cables through columns prior to display installation.
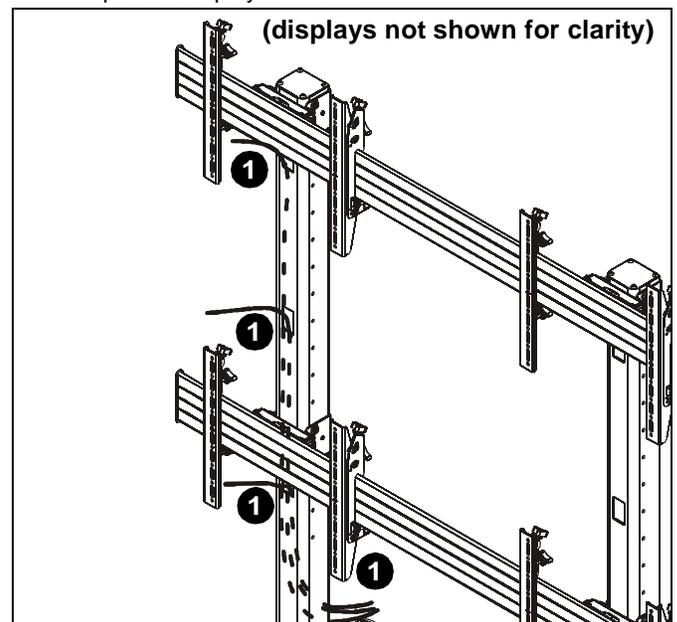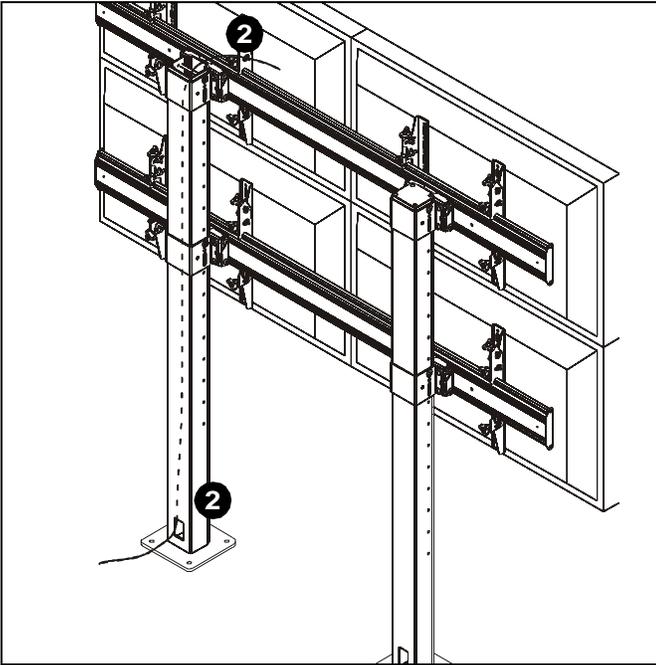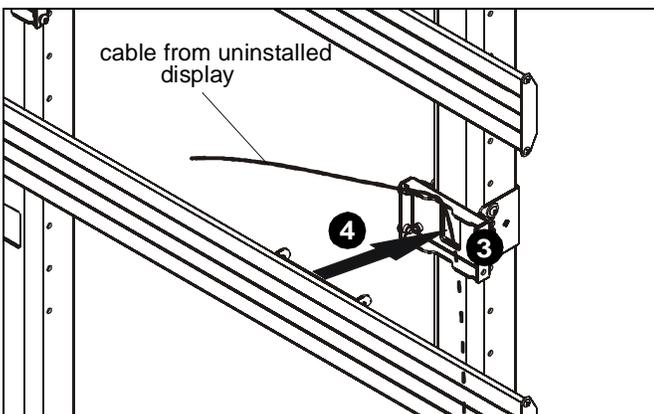

Figure 17

Additional Cable Management Options

2.   Cables may be routed through tops of columns and out through the back cable management hole. (See Figure 18)
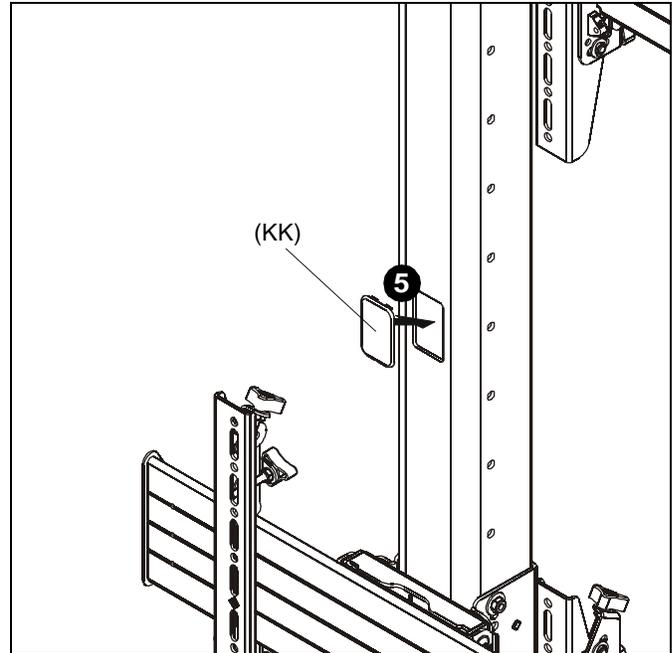

Figure 18

3.   If rails needed to be installed on top of cable management holes, cables may be routed through quick connect bases (Q) prior to the rails being installed. (See Figure 19)

4.   Install rails according to Rails Installation section making sure cable is routed through cable opening on quick connect base (Q). (See Figure 19)

Figure 19

5.   For any cable management holes that are not used, snap covers (KK) may be used to cover holes as desired. (See Figure 20)

Figure 20

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