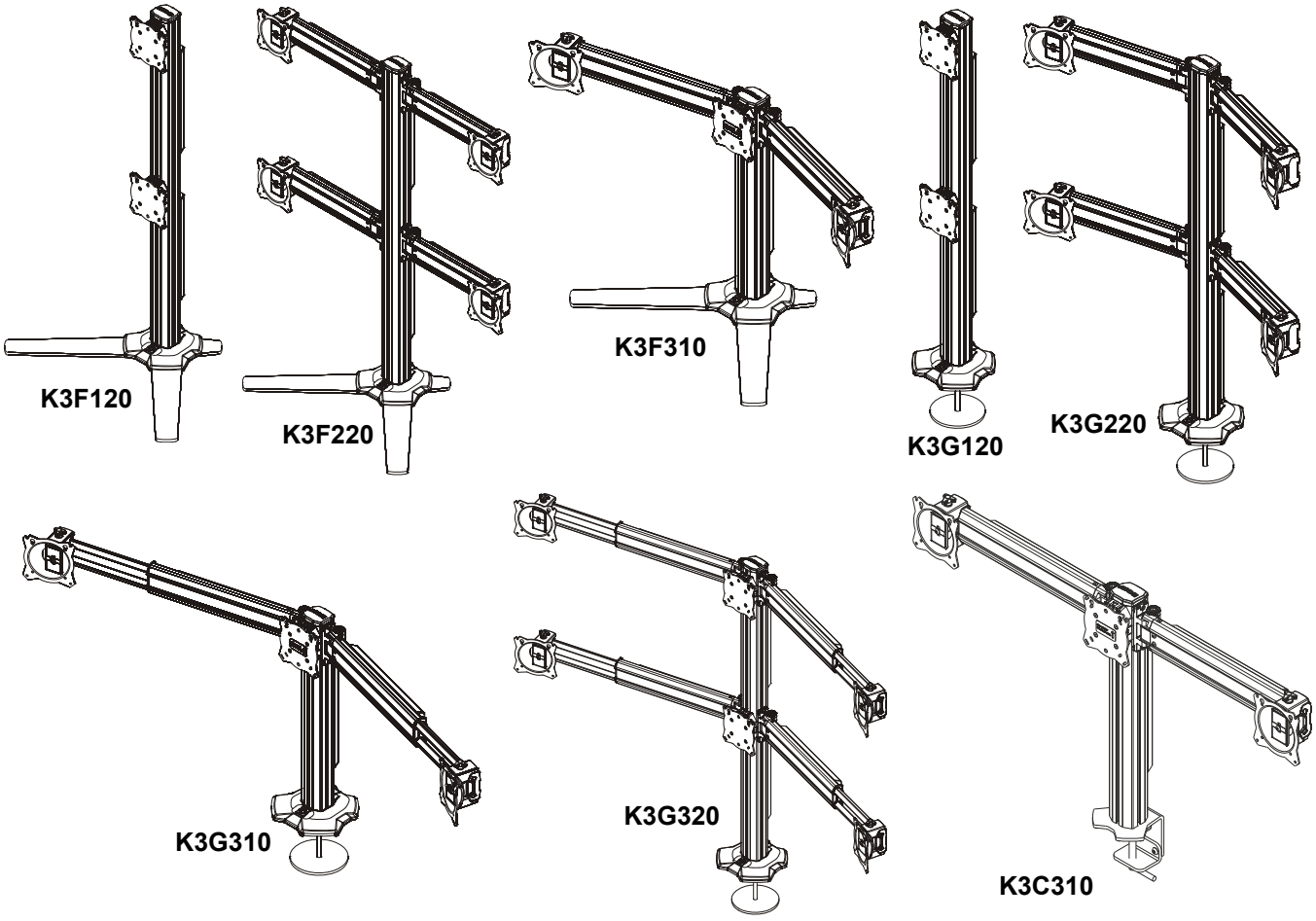
INSTALLATION INSTRUCTIONS



Kontour™ Array Arm Series

CHIEF
Our Mounts. **Your Vision.**

K3 Series

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 combined weight of all components located on the K3 Series mount up to (and including) the display does not exceed 15 lbs (6.8 kg) per display for the K3F220, K3G220, K3F310, K3G310, K3C310 and K3G320 mounts or 25 lbs (11.34 kg) per display for the K3F120 and K3G120 mounts.

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: The K3F120, K3F220 and K3F310 mounting systems are intended for table top mounting ONLY!

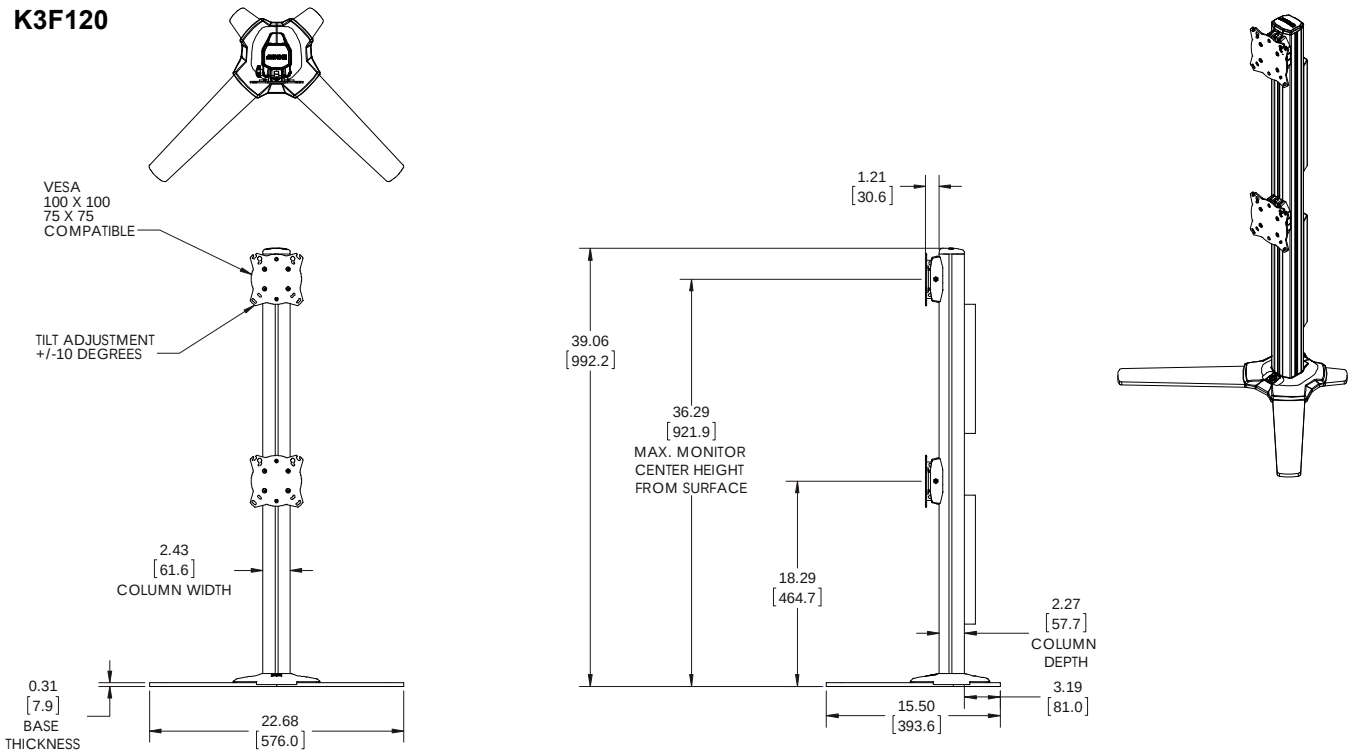
WARNING: Never operate this mounting system if it is damaged. Return the mounting system to a service center for examination and repair.

WARNING: Do not use this product outdoors.

--SAVE THESE INSTRUCTIONS--

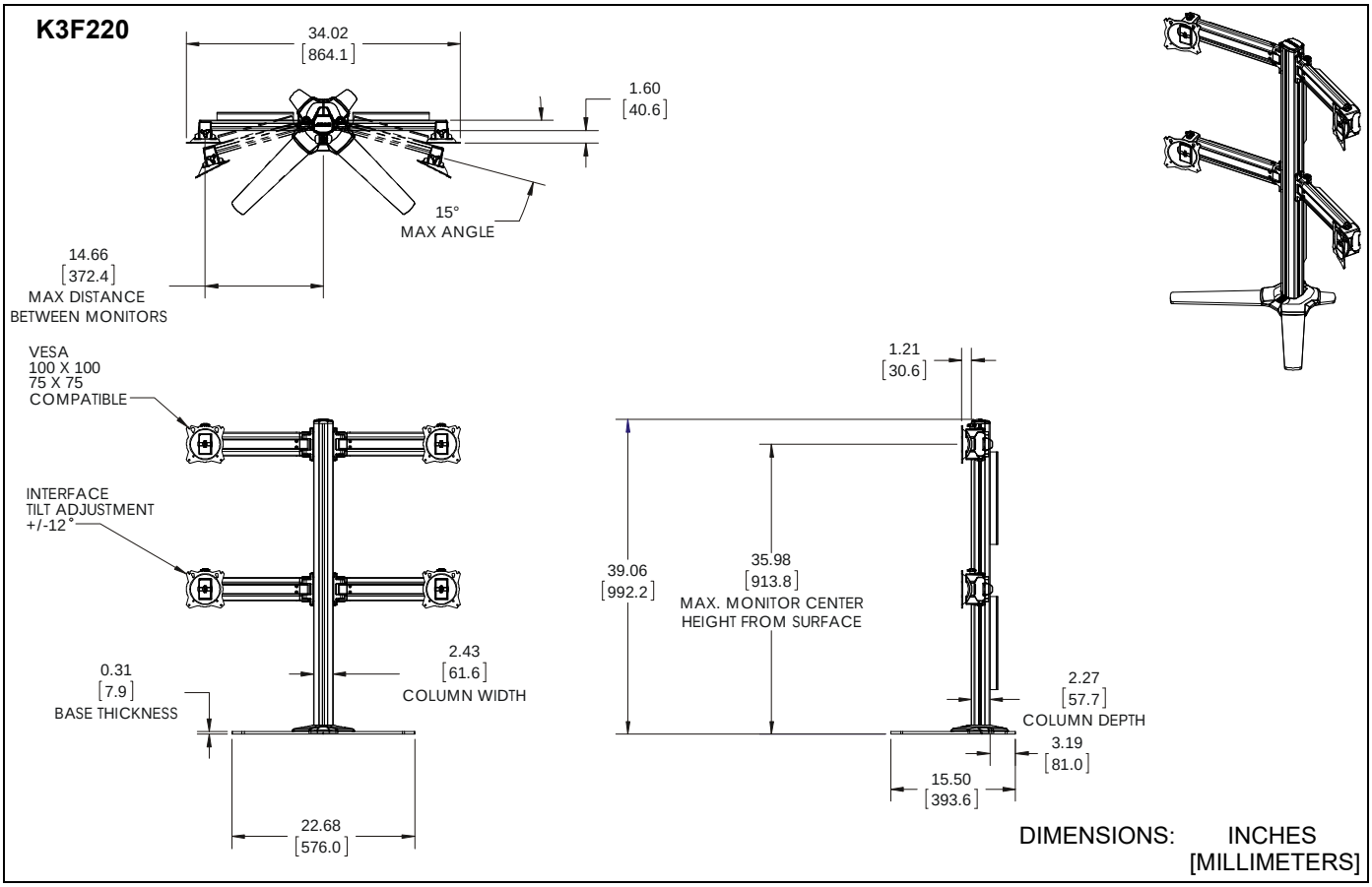
DIMENSIONS

K3F120



DIMENSIONS: INCHES
[MILLIMETERS]

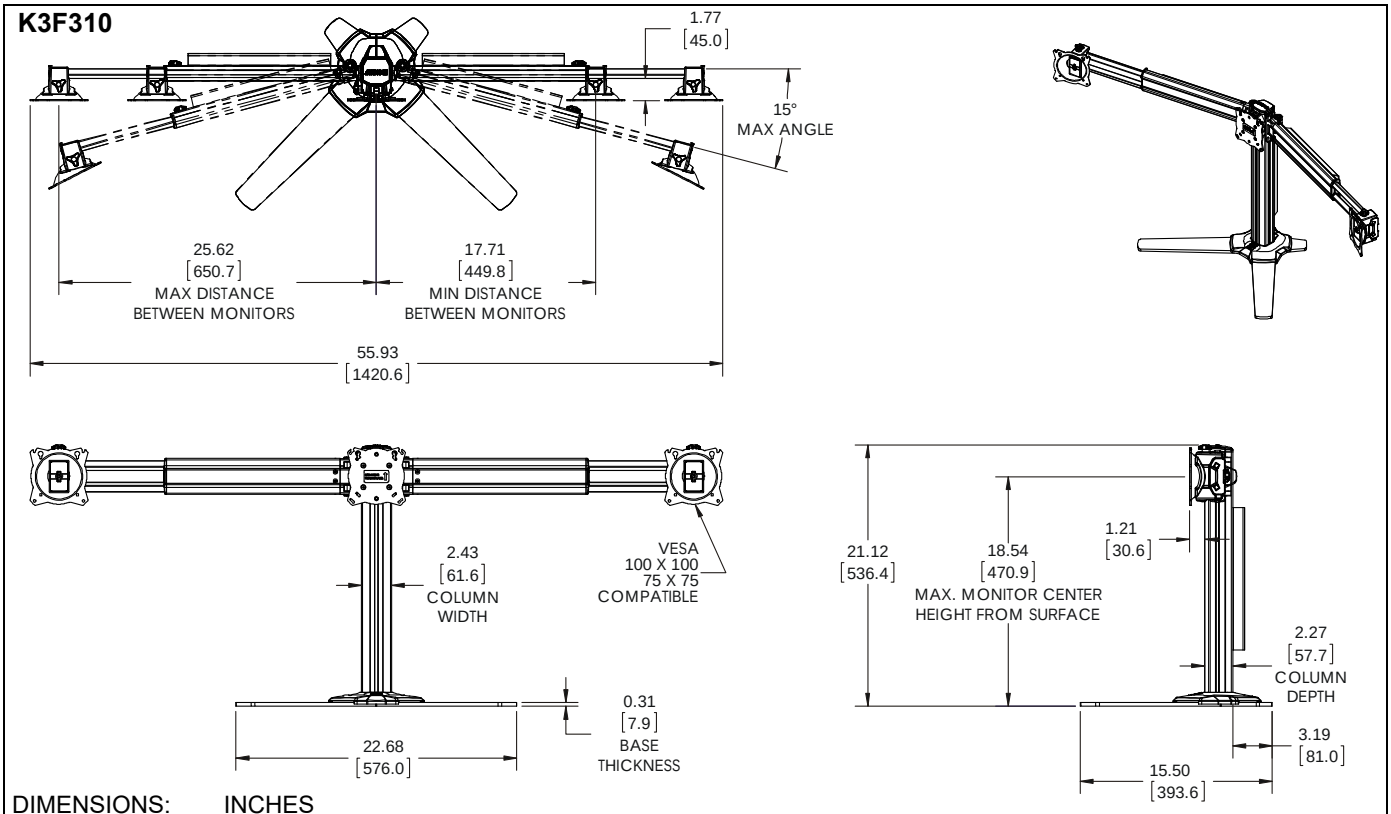
K3F220



DIMENSIONS: INCHES
[MILLIMETERS]

DIMENSIONS (continued)

K3F310



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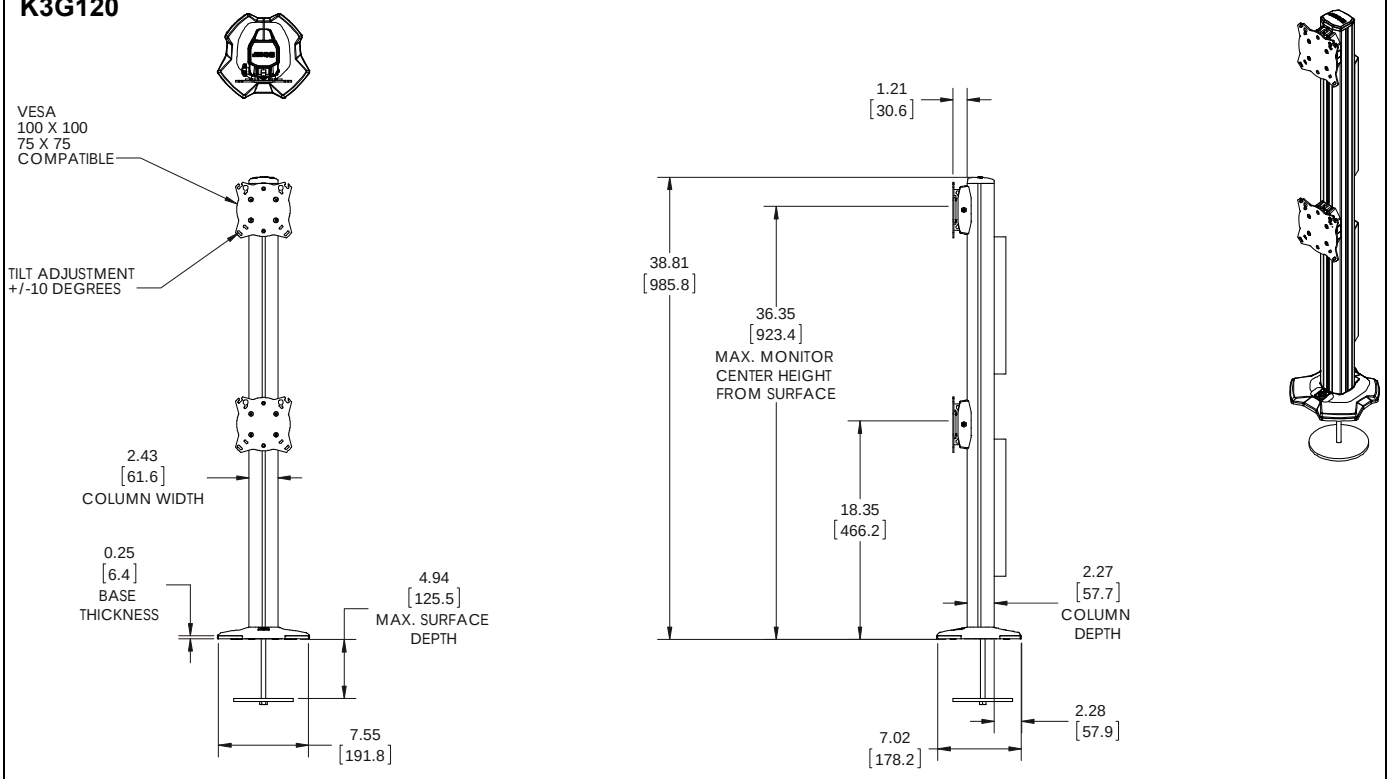
[MILLIMETERS]

K3G120



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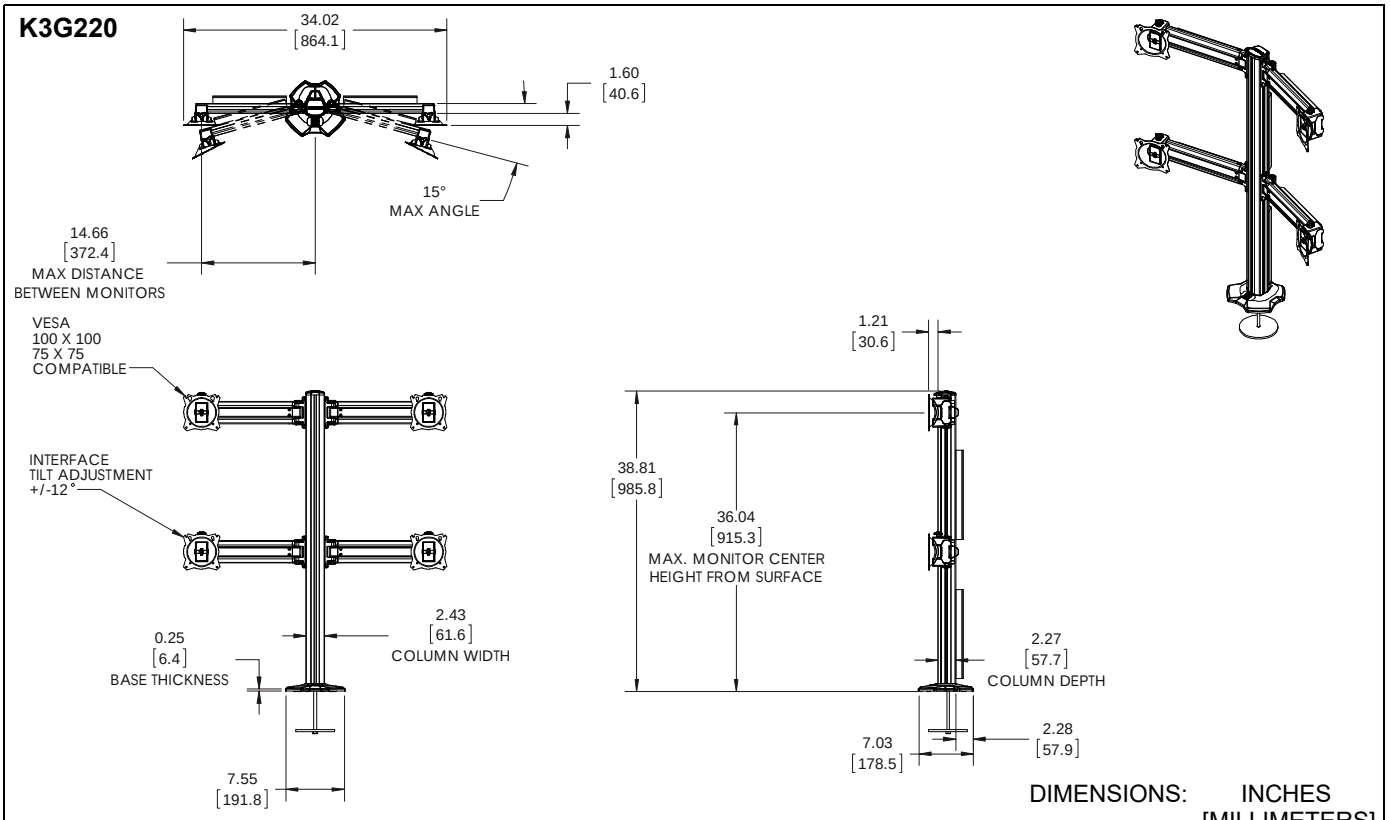
DIMENSIONS (continued)

K3G220



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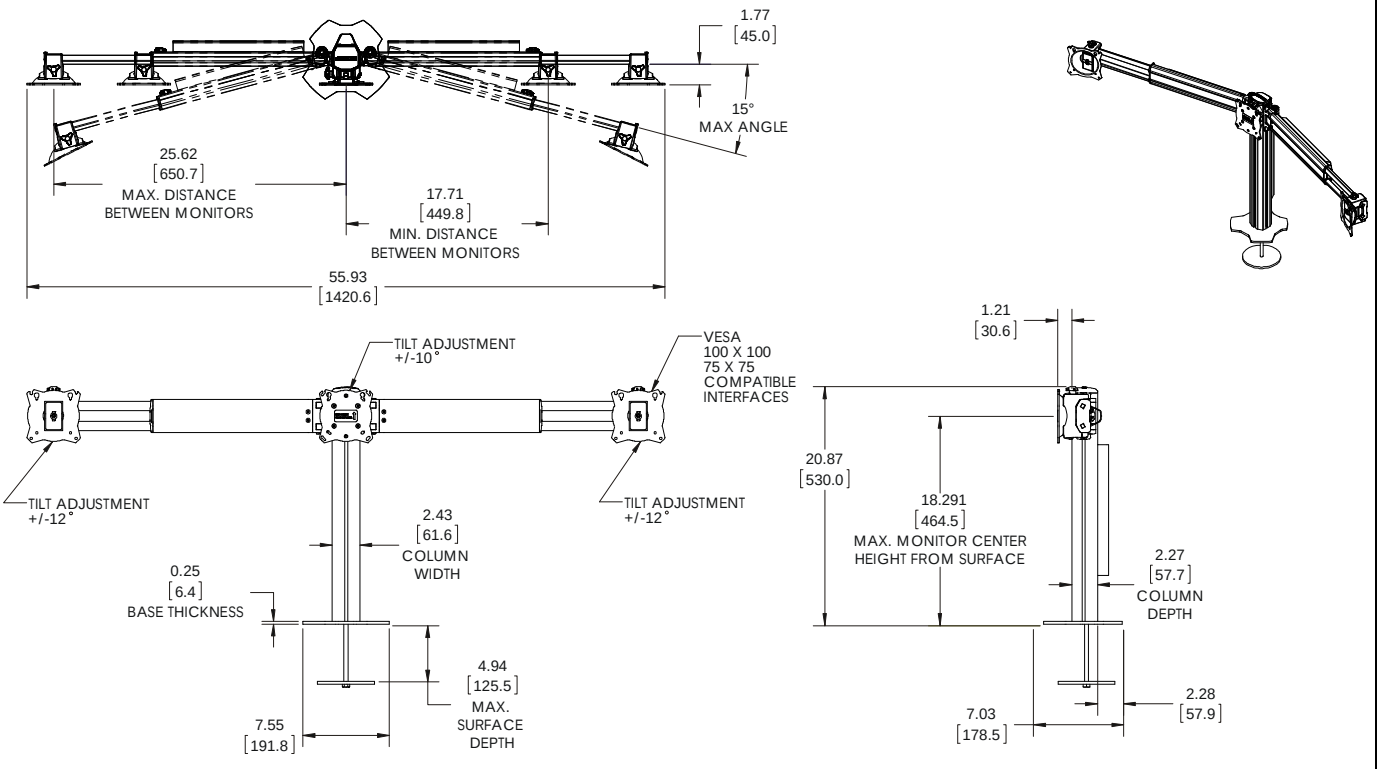
[MILLIMETERS]

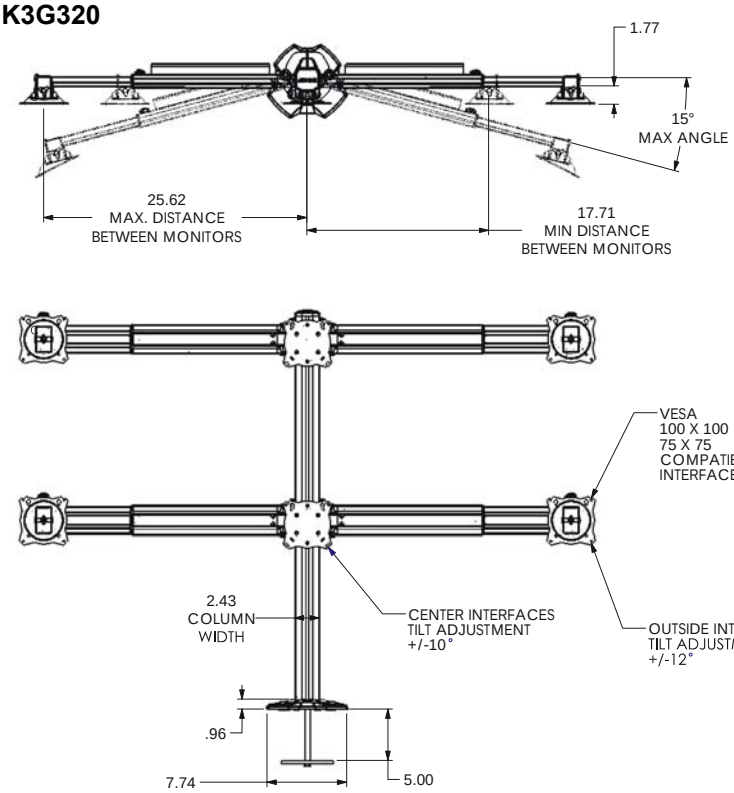
K3G310

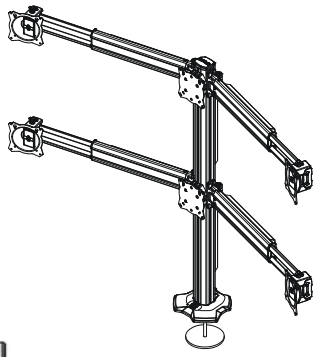


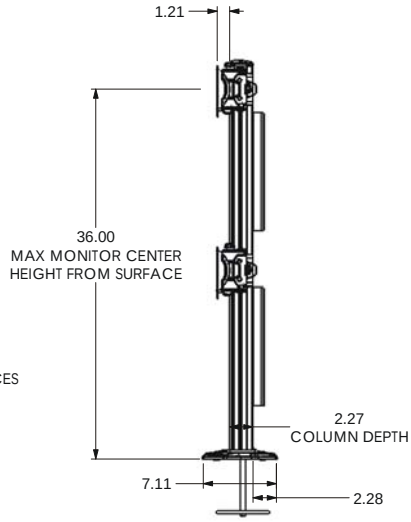
DIMENSIONS: INCHES
[MILLIMETERS]

DIMENSIONS (continued)

K3G320

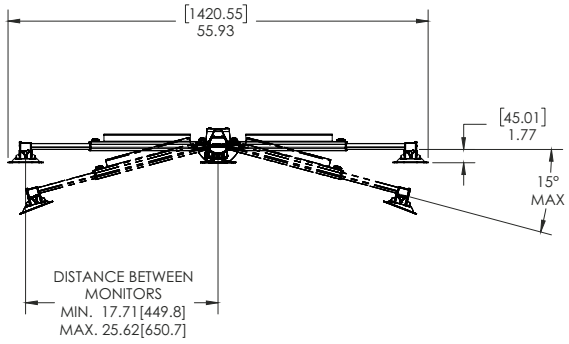


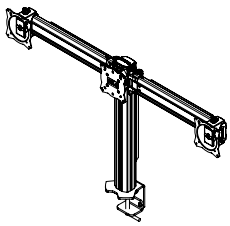


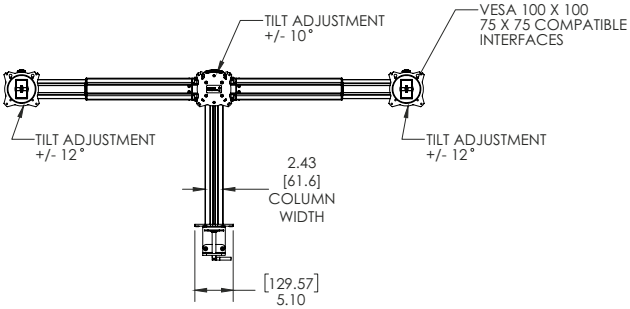


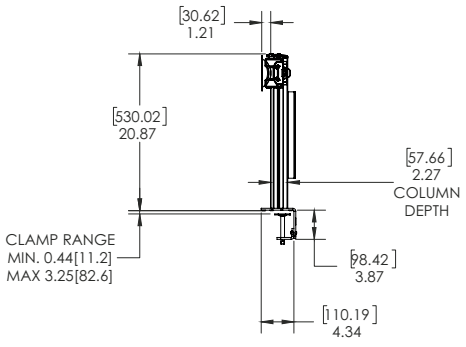
DIMENSIONS: INCHES
[MILLIMETERS]

K3C310



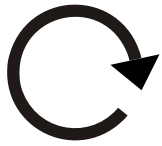
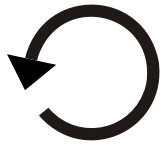
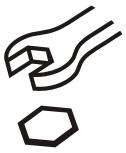




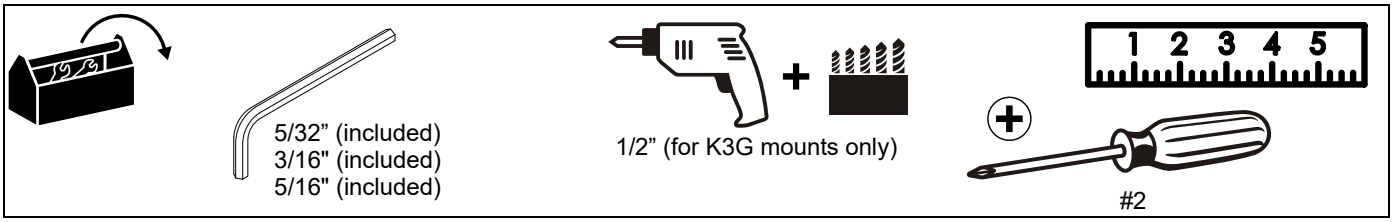


DIMENSIONS: INCHES
[MILLIMETERS]

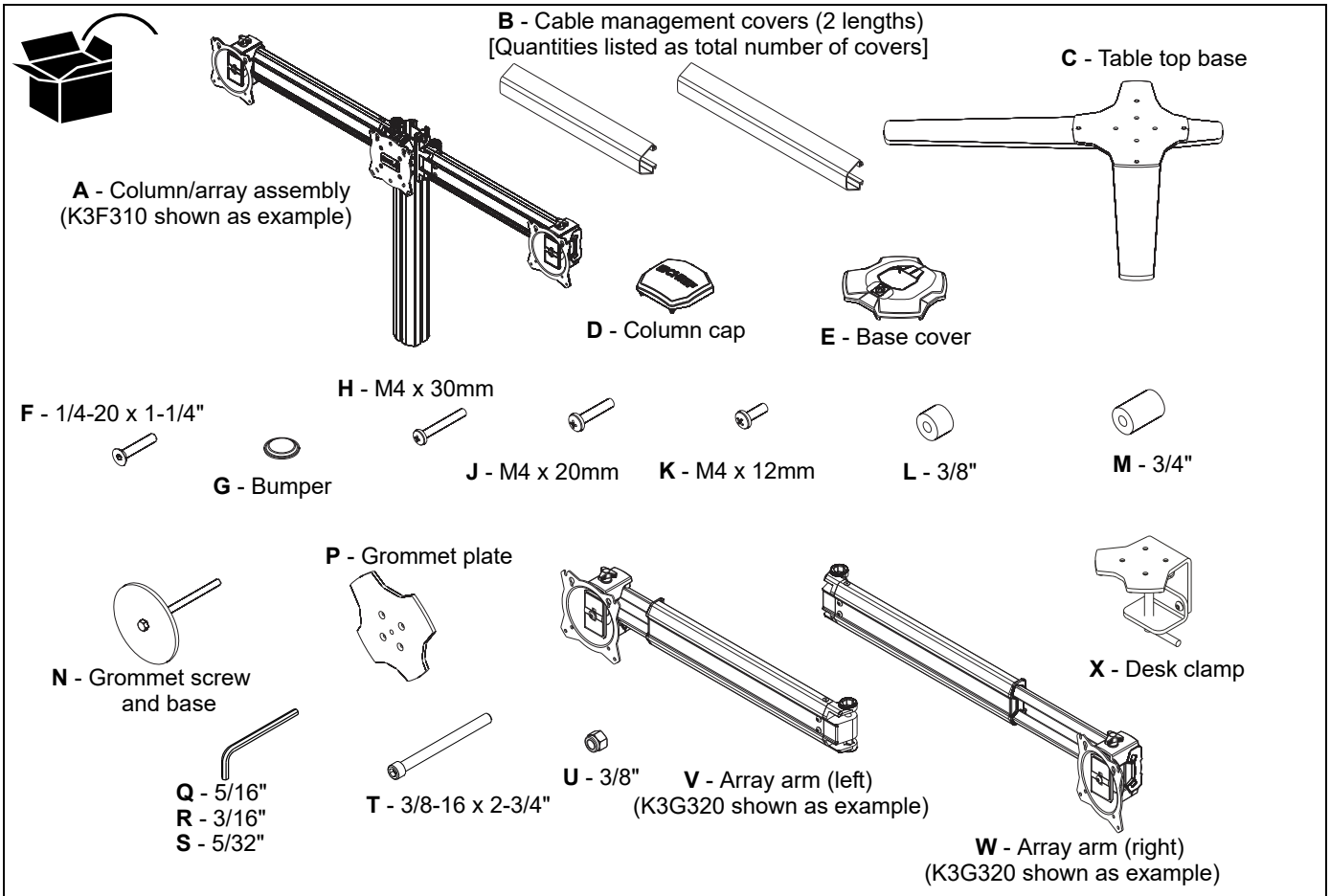
LEGEND

	Tighten Fastener Apretar elemento de fijación Befestigungsteil festziehen Apertar fixador Serrare il fissaggio Bevestiging vastdraaien Serrez les fixations
	Loosen Fastener Aflojar elemento de fijación Befestigungsteil lösen Desapertar fixador Allentare il fissaggio Bevestiging losdraaien Desserrez les fixations
	Phillips Screwdriver Destornillador Phillips Kreuzschlitzschraubendreher Chave de fendas Phillips Cacciavite a stella Kruiskopschroevendraaier Tournevis à pointe cruciforme
	Open-Ended Wrench Llave de boca Gabelschlüssel Chave de bocas Chiave a punte aperte Steeksleutel Clé à fourche
	By Hand A mano Von Hand Com a mão A mano Met de hand À la main
	Hex-Head Wrench Llave de cabeza hexagonal Sechskantschlüssel Chave de cabeça sextavada Chiave esagonale Zeskantsleutel Clé à tête hexagonale
	Pencil Mark Marcar con lápiz Stiftmarkierung Marcar com lápis Segno a matita Potloodmerkteken Marquage au crayon
	Drill Hole Perforar Bohrloch Fazer furo Praticare un foro Gat boren Percez un trou
	Adjust Ajustar Einstellen Ajustar Regolare Afstellen Ajuster
	Remove Quitar Entfernen Remover Rimuovere Verwijderen Retirez
	Optional Opcional Optional Opcional Opzionale Optie En option
	Security Wrench Llave de seguridad Sicherheitsschlüssel Chave de segurança Chiave di sicurezza Veiligheidssleutel Clé de sécurité

TOOLS REQUIRED FOR INSTALLATION



PARTS



QUANTITIES OF PARTS PER MODEL

Models	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X
K3F120	1	2	1	1	1	4	6	8	8	8	8	8	0	0	1	1	1	0	0	0	0	0
K3F220	1	6	1	1	1	4	6	16	16	16	16	16	0	0	1	1	1	0	0	2	2	0
K3F310	1	3	1	1	1	4	6	12	12	12	12	12	0	0	1	1	1	0	0	0	0	0
K3G120	1	2	0	1	1	4	12	8	8	8	8	8	1	1	1	1	1	0	0	0	0	0
K3G220	1	6	0	1	1	4	12	16	16	16	16	16	1	1	1	1	1	0	0	2	2	0
K3G310	1	3	0	1	1	4	12	12	12	12	12	12	1	1	1	1	1	0	0	0	0	0
K3G320	1	6	0	1	1	4	6	24	24	24	24	24	1	1	1	1	1	4	4	2	2	0
K3C310	1	3	0	1	0	4	0	12	12	12	12	12	0	0	1	1	1	0	0	2	2	1

ASSEMBLY

Adding Array Arms (K3F220, K3G220 only)

NOTE: Be sure the faceplate adjustment knob is on top when installing the arms. (See Figure 1)

1. Slide array arm-right (W) into top of column assembly. (See Figure 1)
2. Tighten two fasteners to secure array arm into place. (See Figure 1)

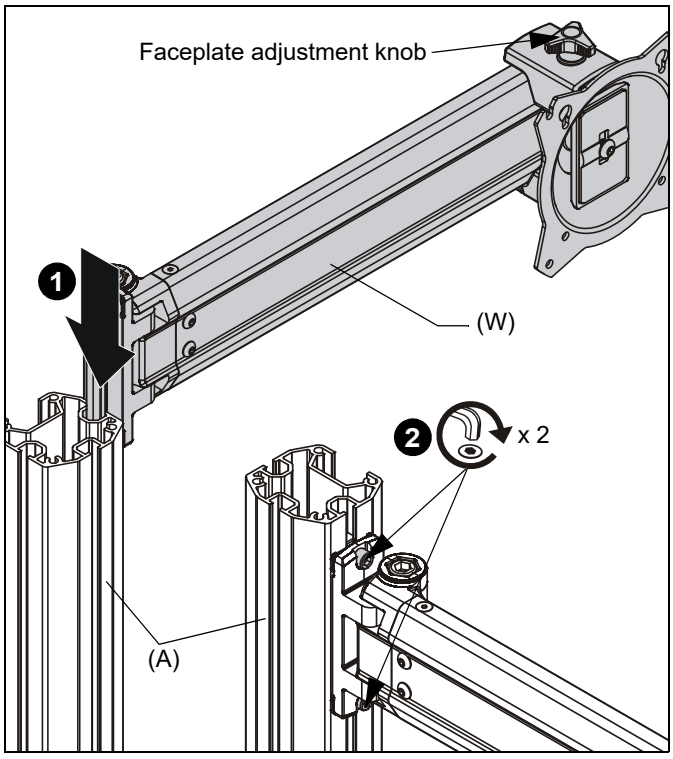


Figure 1

3. Repeat Steps 1 and 2 for remaining array arms.

Adding Array Arms (K3G320 only)

NOTE: Be sure the faceplate adjustment knob is on top when installing the arms. (See Figure 1)

1. Slide array arm-right (W) between brackets at top of column assembly (A). (See Figure 3)
2. Fasten arm in place using one 3/8-16 x 2-3/4" socket head screw (T) and one 3/8" nut (U). (See Figure 2)

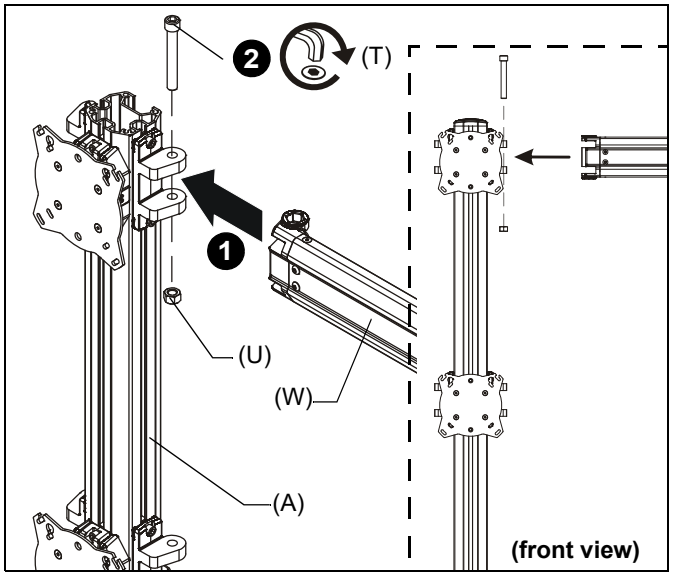


Figure 2

3. Repeat Steps 1 and 2 for remaining array arms.

Adding Base - K3F Mounts (Free-standing)

1. Use four 1/4-20 x 1 1/4” flat head cap screws (F) to secure table top base (C) to column assembly (A). (See Figure 3)

NOTE: Make sure front of base (long legs) is on the display side when attaching base to column. (See Figure 3)

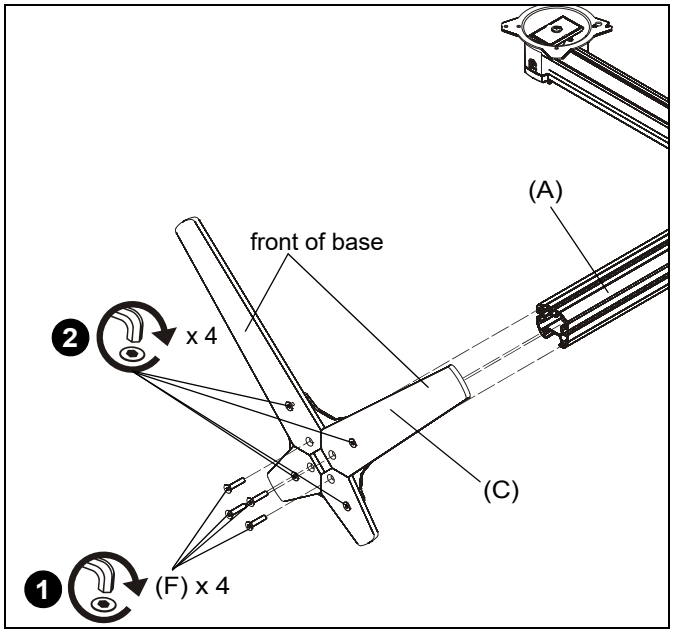


Figure 3

2. Tighten four existing bolts holding stand to column. (See Figure 3)

3. Carefully manipulate base cover (E) to create an opening large enough to wrap cover around array column. (See Figure 4)
4. Wrap base cover around column and slide it down until base cover fits securely onto table top base (C). (See Figure 4)

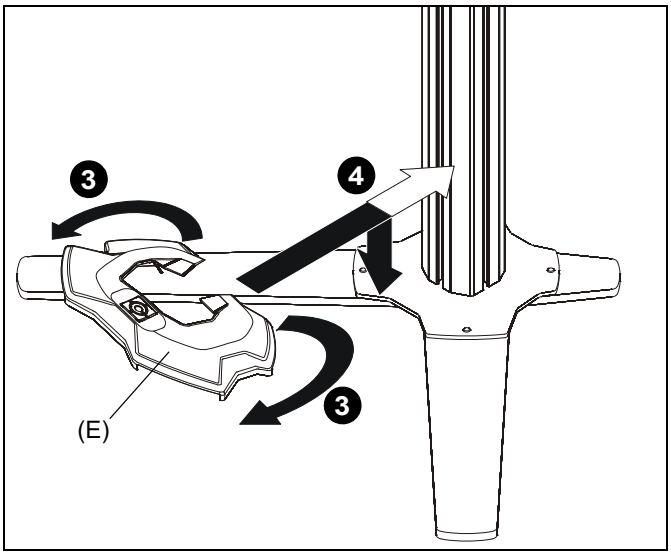


Figure 4

5. Snap column cap (D) onto top of column assembly (A). (See Figure 5)

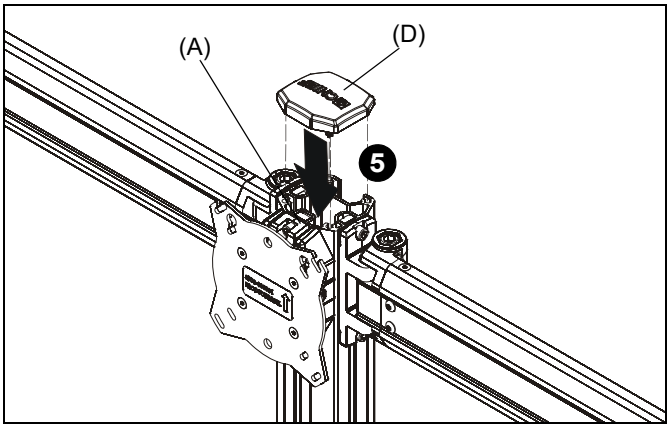


Figure 5

6. Apply bumpers (G) to underside of table top base (C). (See Figure 6)

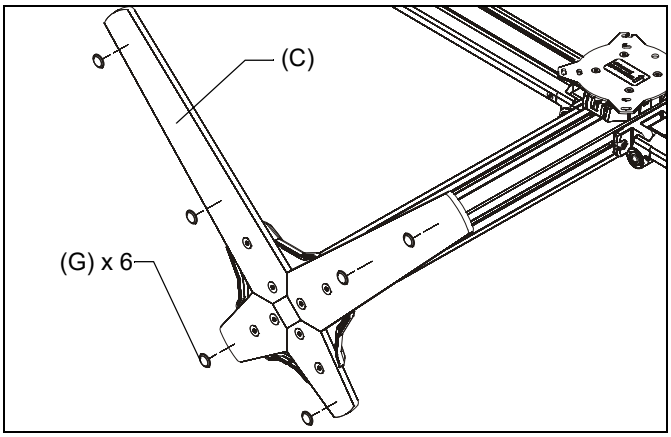


Figure 6

K3G Mounts (Grommet)

1. Use four 1/4-20 x 1 1/4” flat head cap screws (F) to secure grommet plate (P) to array assembly (A). Make sure longer legs of grommet plate are aligned with the front of column. (See Figure 7)

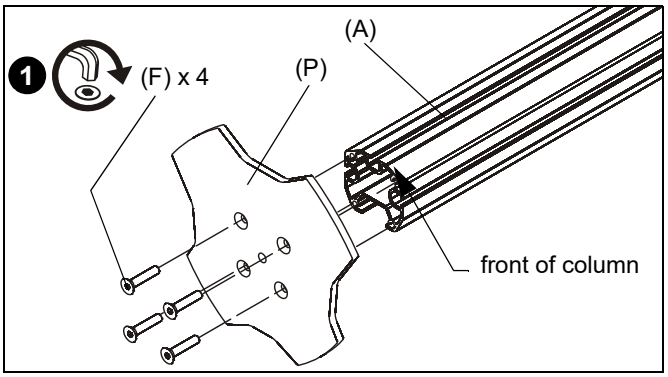


Figure 7

2. Apply bumpers (G) to underside of grommet plate (P). (See Figure 8)

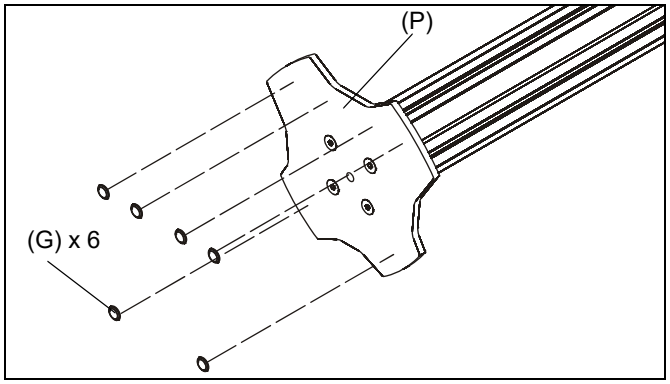


Figure 8

3. Locate a flat surface (thickness minimum of 1" to maximum of 5") on which to mount the array assembly.
4. If a hole doesn't already exist, drill a hole in desk with a diameter between 1/2" and 3 1/2" at desired mounting location. (See Figure 9)
5. Position mount on desk so that center hole of grommet plate (P) is centered over grommet hole. (See Figure 9)
6. Insert grommet screw (N) through grommet hole and thread into center hole of grommet plate (P). (See Figure 9)
7. Tighten grommet screw (N) until grommet base is tightened against underside of desk and mount is securely mounted to desk. (See Figure 9)

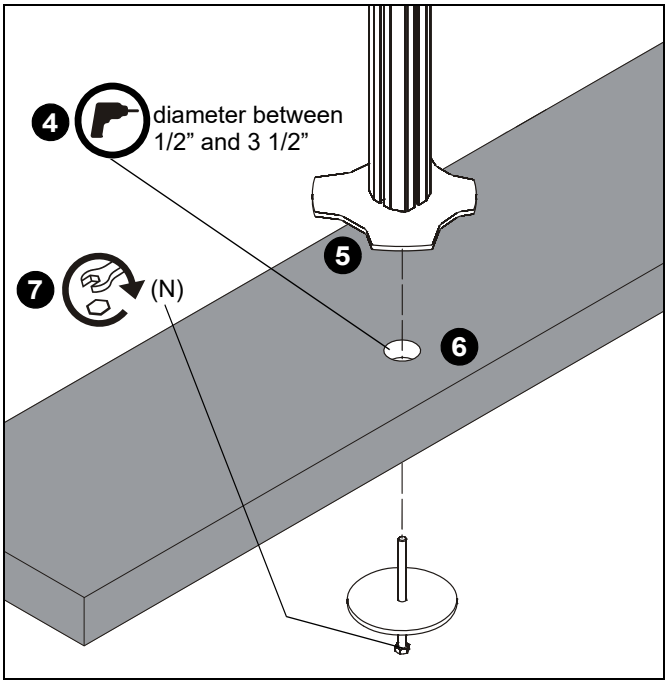


Figure 9

8. Carefully manipulate base cover (E) to create an opening large enough to wrap cover around array column. (See Figure 10)
9. Wrap base cover around column and slide it down until base cover fits securely onto table top base (C). (See Figure 10)

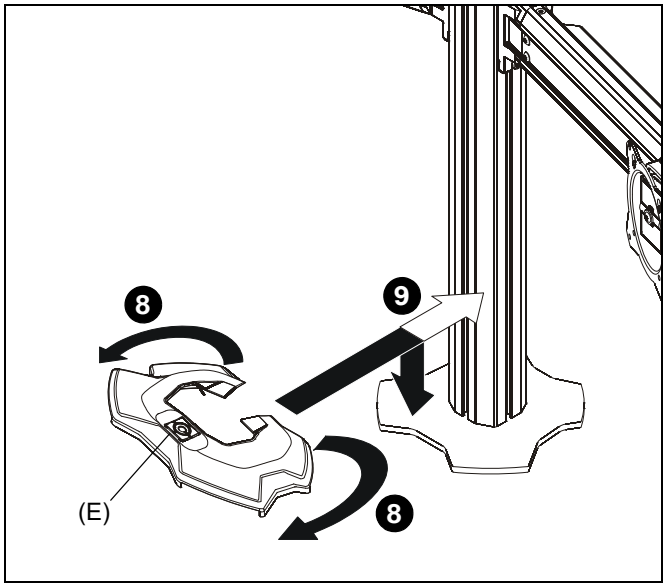


Figure 10

10. Snap column cap (D) onto top of array assembly (A). (See Figure 11)

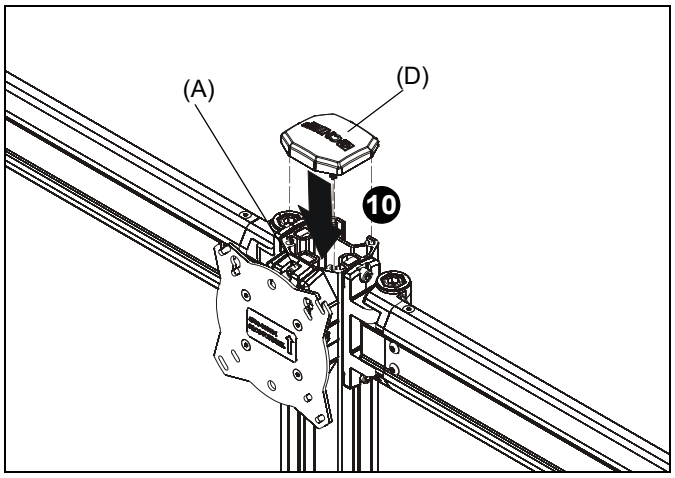


Figure 11

K3C310 (Clamp)

1. Use four 1/4-20 x 1 1/4” flat head cap screws (F) to secure desk clamp (X) to array assembly (A). Make sure longer legs of grommet plate are aligned with the front of column. (See Figure 12)

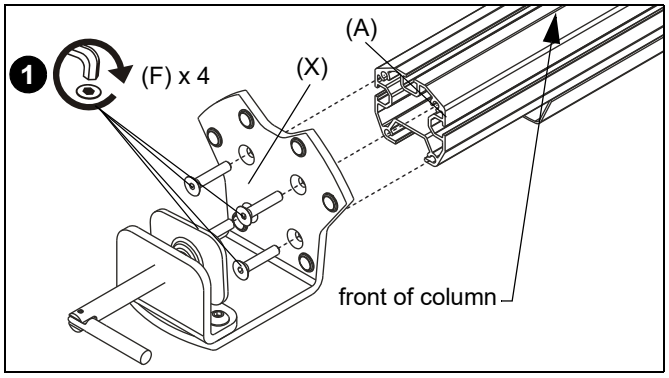


Figure 12

2. Loosen clamp screw until enough space is created between clamp and mount to allow for desk mounting. (See Figure 13)

NOTE: If space is limited behind desk (i.e. against wall, etc.), remove lower piece of clamp and two screws holding it to the mount and reattach parts prior to Step 3! (See Figure 14)

3. Place mount on top of desk at desired mounting location. (See Figure 13)

4. Tighten clamp using clamp screw until mount is securely fastened to desk. (See Figure 13)

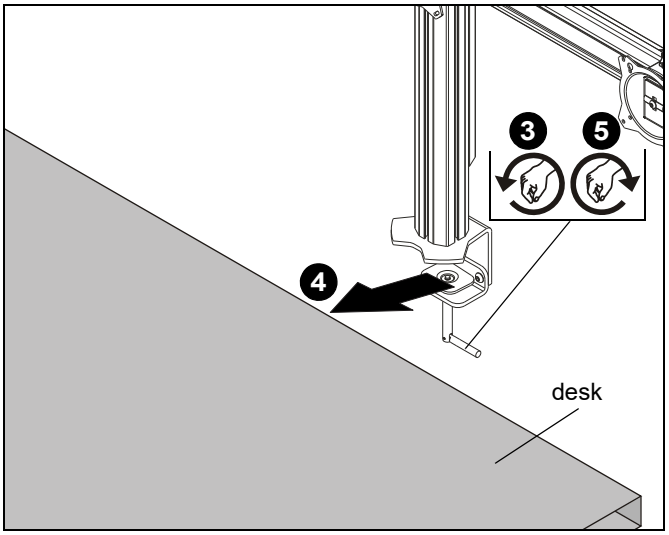


Figure 13

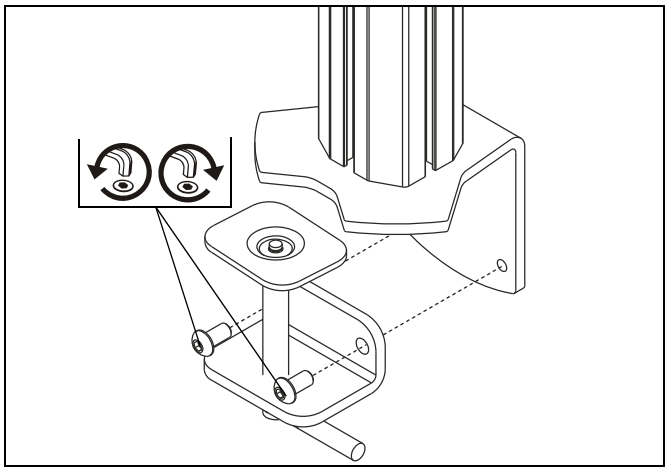


Figure 14

5. Snap column cap (D) onto top of array assembly (A). (See Figure 15)

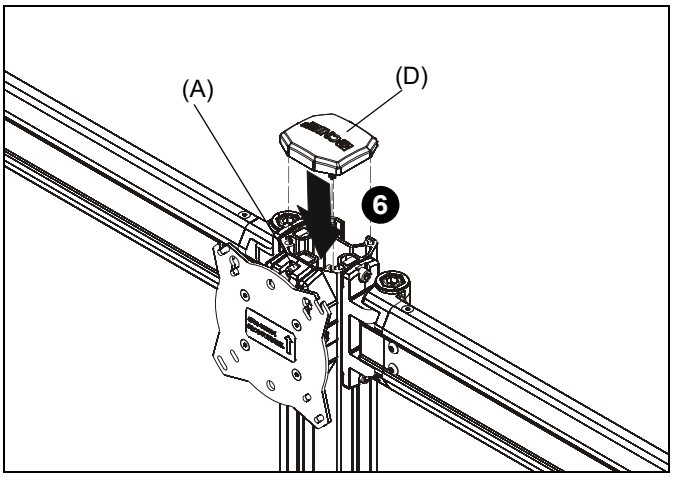


Figure 15

Display Installation

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 all components located on the K3 Series mount up to (and including) the display does not exceed 15 lbs (6.8 kg) per display for the K3F220, K3G220, K3F310, K3G310, K3G320 and K3C310 mounts or 25 lbs (11.34 kg) per display for the K3F120 and K3G120 mounts.

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

NOTE: Supplied screws (H, J and K) may not fit properly for all displays. See display's operating instructions for details.

IMPORTANT ! : When applicable, always install center display FIRST in order to prevent stand from tipping! If there are no center faceplates (K3F220 and K3G220), be sure to support opposite arm when mounting displays to prevent stand from tipping! If possible, mount displays to both sides simultaneously.

NOTE: Set height of lower center display prior to installing other displays. See **Height Adjustment** section for details. Center of display must be at least 18" above desk surface.

Flush Mounting Holes

1. Position faceplate in desired mounting position. Adjust as required before proceeding. See **Height Adjustment** section for details.
2. Using Phillips screwdriver, carefully install two M4 x 12mm Phillips pan machine screws (K) into the *upper* mounting holes on the display. Thread screws completely into display, then back out 3 complete turns. (See Figure 16)

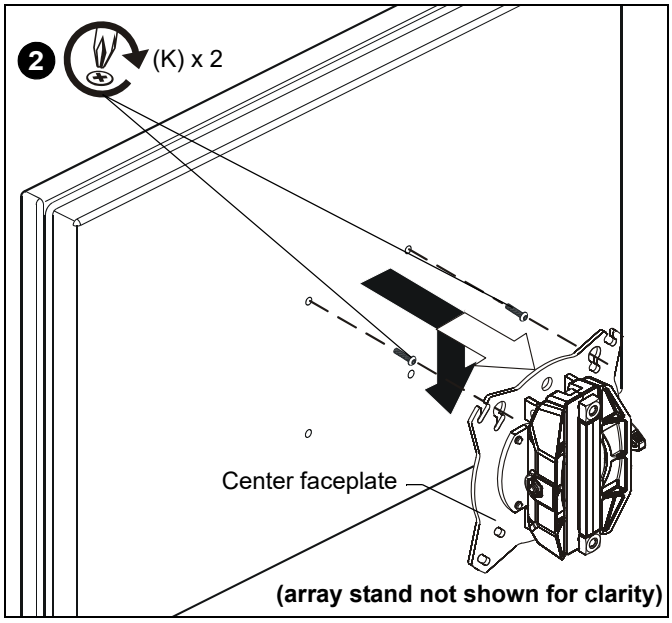


Figure 16

3. Pick up and align display so that screws (K) (installed on the back of the display in the previous step) fit into the mounting holes on the faceplate. Lower the display firmly into place. (See Figure 16)
4. Using Phillips screwdriver, install two M4x12 mm Phillips pan machine screws (K) through the *lower* mounting holes on faceplate into the display. (See Figure 17)

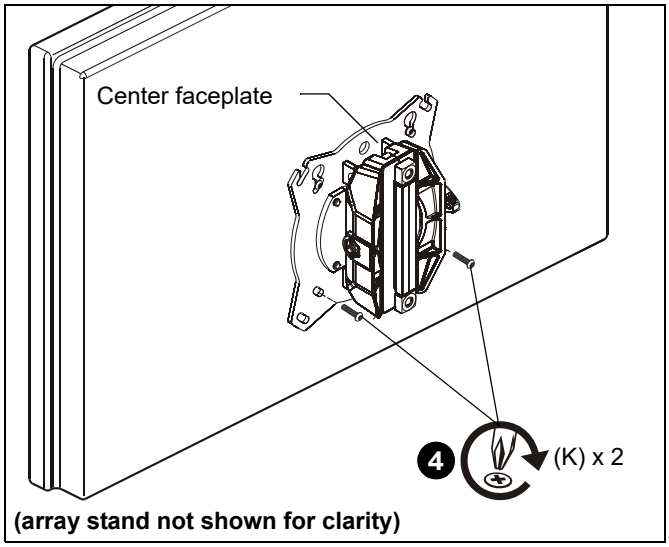


Figure 17

5. Tighten all four screws (K). Do not over tighten!

NOTE: If roll adjustment is desired for center faceplate, do not tighten screws.

6. Repeat Steps 1-5 for other displays.
7. Proceed to **Cable Management** section.

Recessed Mounting Holes

NOTE: If faceplate does not fit into recessed area of display, proceed with the steps in this section.

1. Determine depth of recessed mounting holes relative to back surface of display (against which faceplate will contact).
2. Select proper length spacer and screw from table below:

NOTE: All spacers used should be the same length. If the recess depths result in multiple spacer lengths, then select the longer spacer.

IF recess DEPTH is:	THEN use spacer:	AND screw:
3/8" or less	L (3/8" long)	J (M4 x 20mm)
More than 3/8" up to and including 3/4"	M (3/4" long)	H (M4 x 30mm)

CAUTION: Using screws of improper size may damage your display! Proper screws will easily and completely thread into display mounting holes.

3. Using Phillips screwdriver, carefully install two selected screws (J or H) through selected spacers (L or M) into the *upper* mounting holes on the display. Thread screws completely into display, then back out 3 complete turns. (See Figure 18)
4. Pick up and align display so that screws (K) (installed on the back of the display in the previous step) fit into the mounting holes on the faceplate. Lower the display firmly into place. (See Figure 18)

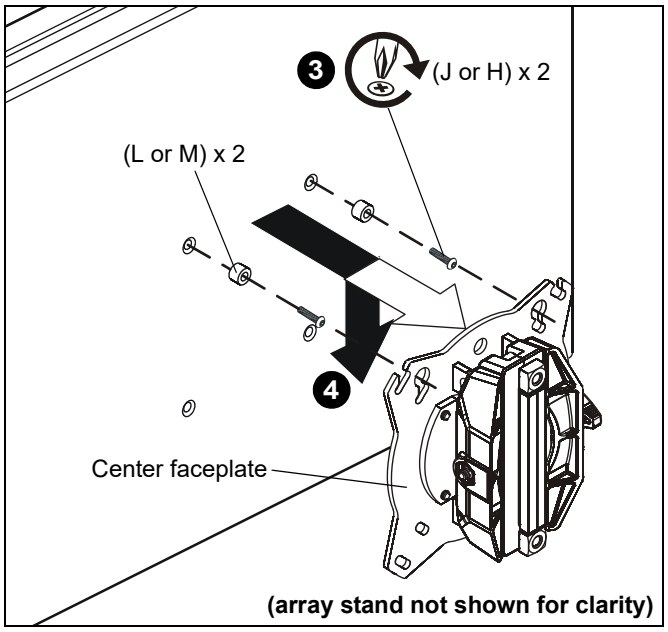


Figure 18

5. Slide two remaining selected spacers (L or M) in between faceplate and display, positioning them over the *lower* two mounting holes. (See Figure 19)
6. Install two remaining selected screws (J or H) through *lower* two mounting holes on faceplate, selected spacers (L or M) into the *lower* mounting holes on the display. (See Figure 19)

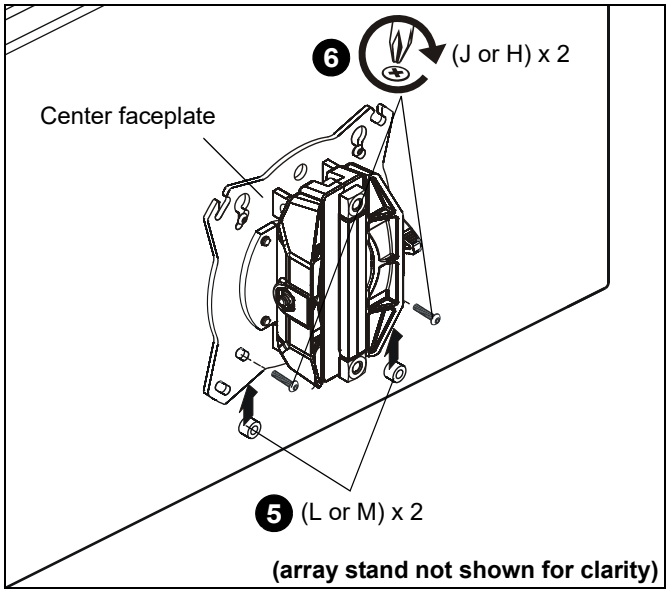


Figure 19

7. Tighten all four screws. Do not overtighten!

Adjustments

Pivot Adjustment

1. Array arms may pivot toward the front of mount up to 15° per arm. (See Figure 20)

WARNING: Pivoting array arms toward the back of mount may cause K3 Series mount to tip over causing serious personal injury or damage to equipment! Do not pivot arms toward back of mount! (See Figure 20)

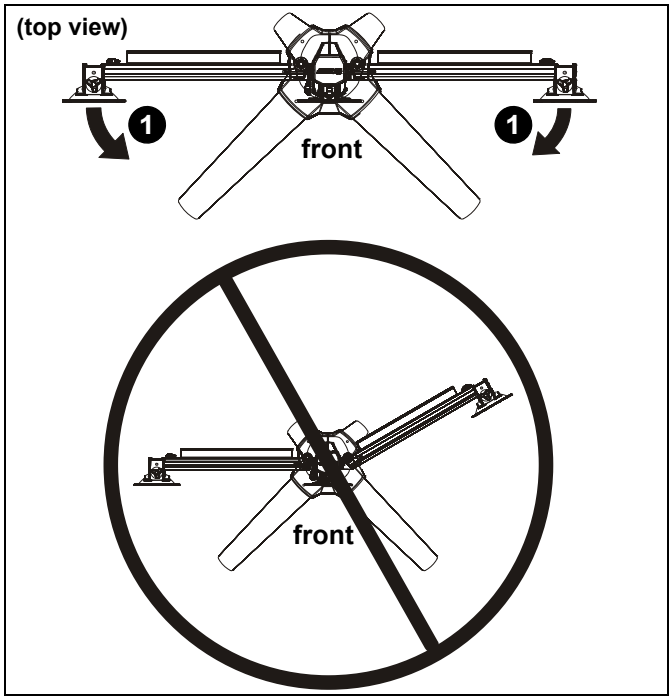


Figure 20

2. When arms are at desired pivot position, lock pivot position by tightening pivot adjustment screws using 5/16” hex key (Q). (See Figure 21)

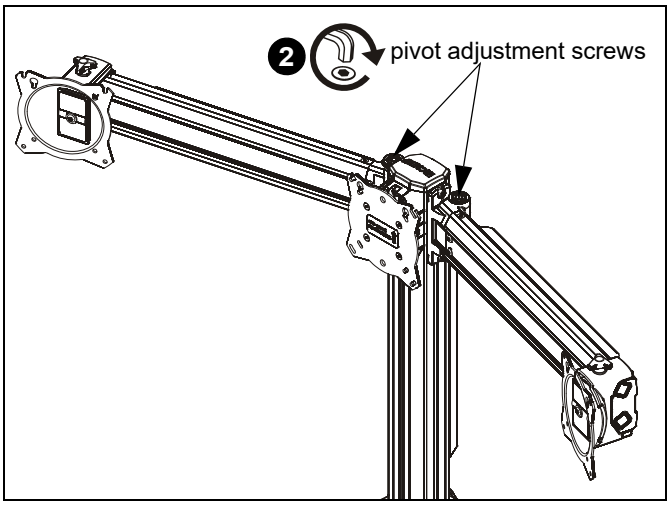


Figure 21

Height Adjustment

NOTE: Height adjustment for center displays should be set prior to installing display. Due to the location of the height adjustment screws for the center displays, the center displays will need to be removed in order to adjust the height. (See Figure 22)

1. Loosen height adjustment screws for specific display that will be adjusted. (See Figure 22)
2. Adjust arm or display to desired height. (See Figure 22)
3. Tighten height adjustment screws to lock display’s position. (See Figure 22)

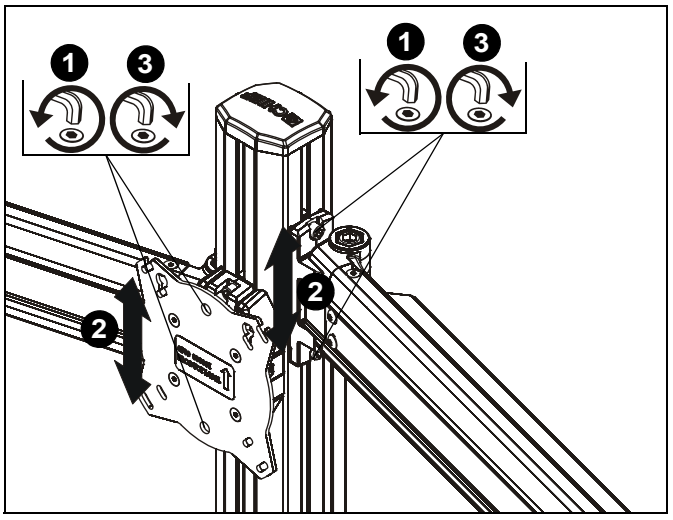


Figure 22

Arm Extension (K3G310, K3G320 and K3C310 only)

NOTE: For smaller displays or if converting to a 2x1 array, faceplate assemblies may be removed and reattached to fixed part of the arm. See **Faceplate Assembly Removal/Reattachment - Outside Faceplates** section for details.

1. Turn arm extension adjustment knob counter-clockwise on arm to be adjusted. (See Figure 23)
2. Adjust arm extension as desired. (See Figure 23)
3. Turn arm extension adjustment knob clockwise on adjusted arm to lock position. (See Figure 23)

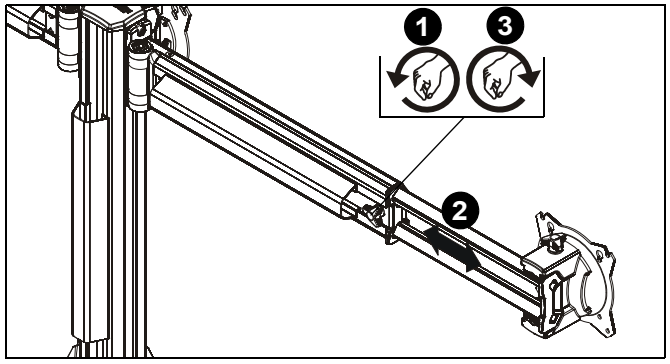


Figure 23

Faceplate Assembly Removal / Reattachment

Center Faceplate(s)

1. Remove column cap (D) from array column. (See Figure 24)
2. Loosen height adjustment screws for center faceplate assembly. (See Figure 24)
3. Slide faceplate assembly up through column channel until it is removed from column. (See Figure 24)

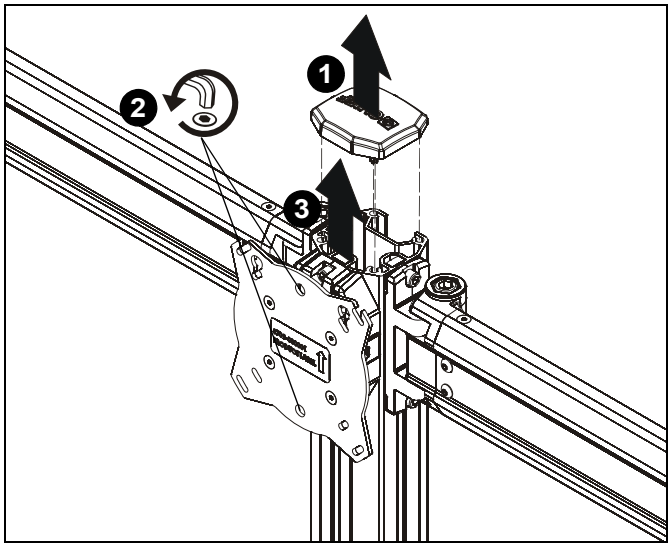


Figure 24

Outside Faceplates (K3G310, K3G320 and K3C310 only)

1. Remove hex head bolt from bottom of faceplate assembly. (See Figure 25)
2. Slide out removable plate from bottom of faceplate assembly. (See Figure 25)

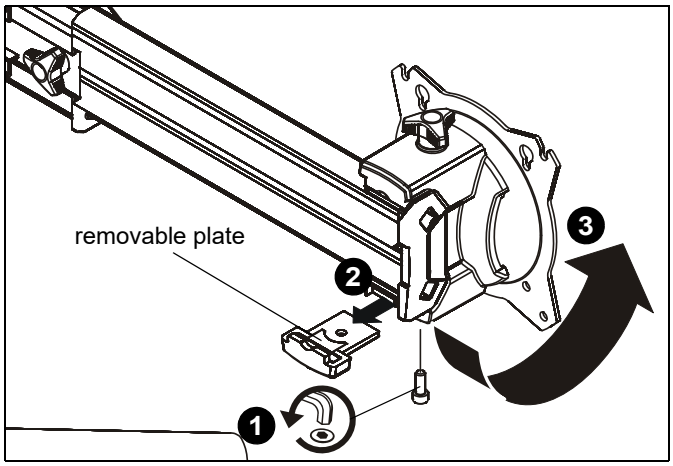


Figure 25

3. Remove faceplate assembly from array arm. (See Figure 25)

To Reattach Outside Faceplate Assembly (K3G310, K3G320 and K3C310 only)

NOTE: Be sure the faceplate adjustment knob is on top when reinstalling the faceplate assembly. (See Figure 26)

NOTE: Faceplate assemblies may be reattached on the fixed part of the arm. (See Figure 26)

4. Place faceplate assembly on array arm at desired mounting position. (See Figure 26)
5. Slide removable plate back into slot at bottom of faceplate assembly. (See Figure 26)
6. Reinstall hex head bolt removed in Step 1 to secure faceplate assembly to array arm. (See Figure 26)

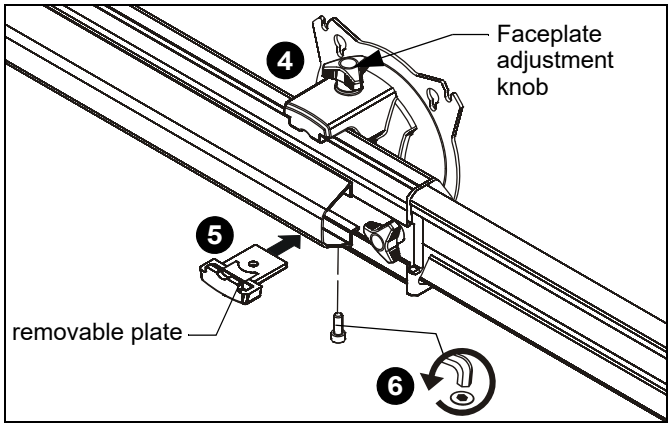


Figure 26

Lateral Shift (On Fixed Arm)

NOTE: The procedure below applies when the outside faceplates have been attached to the fixed arm. If outside faceplates are still attached to extension arms, use the extension arms for lateral shift.

1. Loosen knob on top of outside faceplate assembly until faceplate can slide freely along array arm. (See Figure 27)
2. Adjust lateral position as desired. (See Figure 27)
3. Tighten knob to secure lateral position. (See Figure 27)

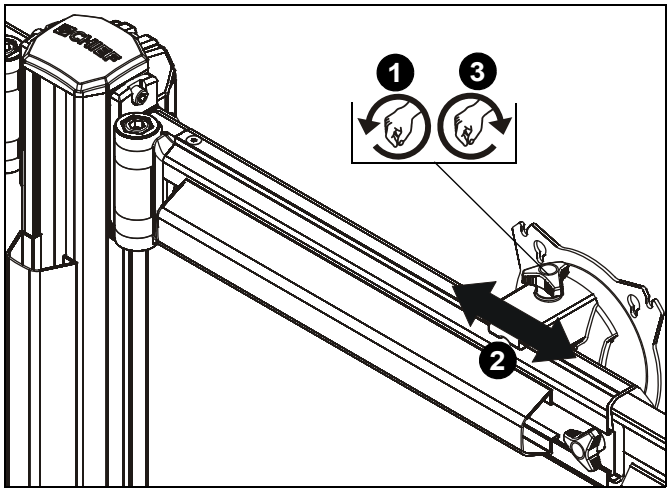


Figure 27

Pitch/Roll/Yaw Adjustment

Outside Faceplates

1. Loosen knob on top of faceplate assembly. (See Figure 28)
2. Adjust pitch, roll and/or yaw as desired. (See Figure 28)
3. Tighten knob to secure desired faceplate position. (See Figure 28)

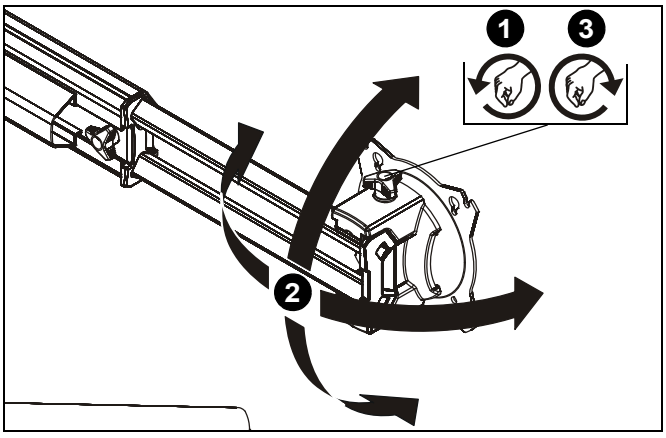


Figure 28

Center Faceplate(s)

Pitch

1. Loosen knob on side of center faceplate assembly. (See Figure 29)
2. Adjust pitch as desired. (See Figure 29)
3. Tighten knob to secure desired pitch position. (See Figure 29)

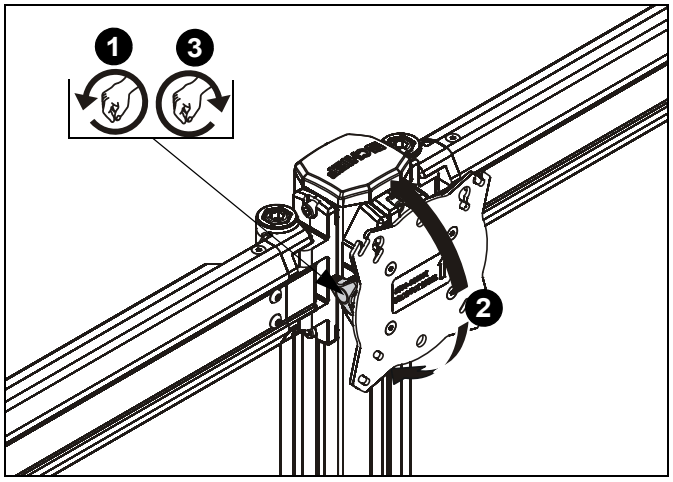


Figure 29

Roll

1. Loosen screws holding display to faceplate slightly.
2. Adjust roll position as the mounting holes on faceplate allow.
3. Tighten screws to lock roll position.

Cable Management

1. Route cables from display through cable management covers (B) as desired. (See Figure 30) and (See Figure 31)
2. Install cable management covers (B) onto array (A). (See Figure 30) and (See Figure 31)

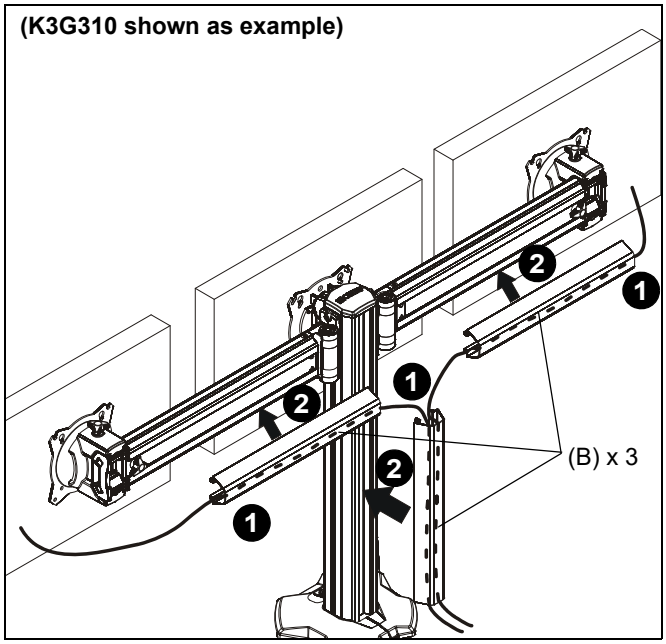


Figure 30

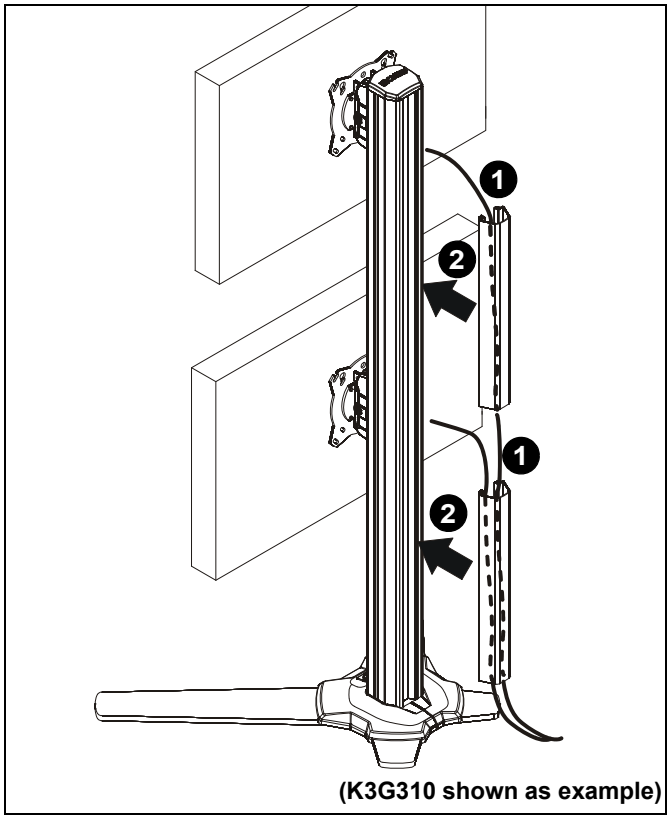


Figure 31

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