INSTALLATION INSTRUCTIONS
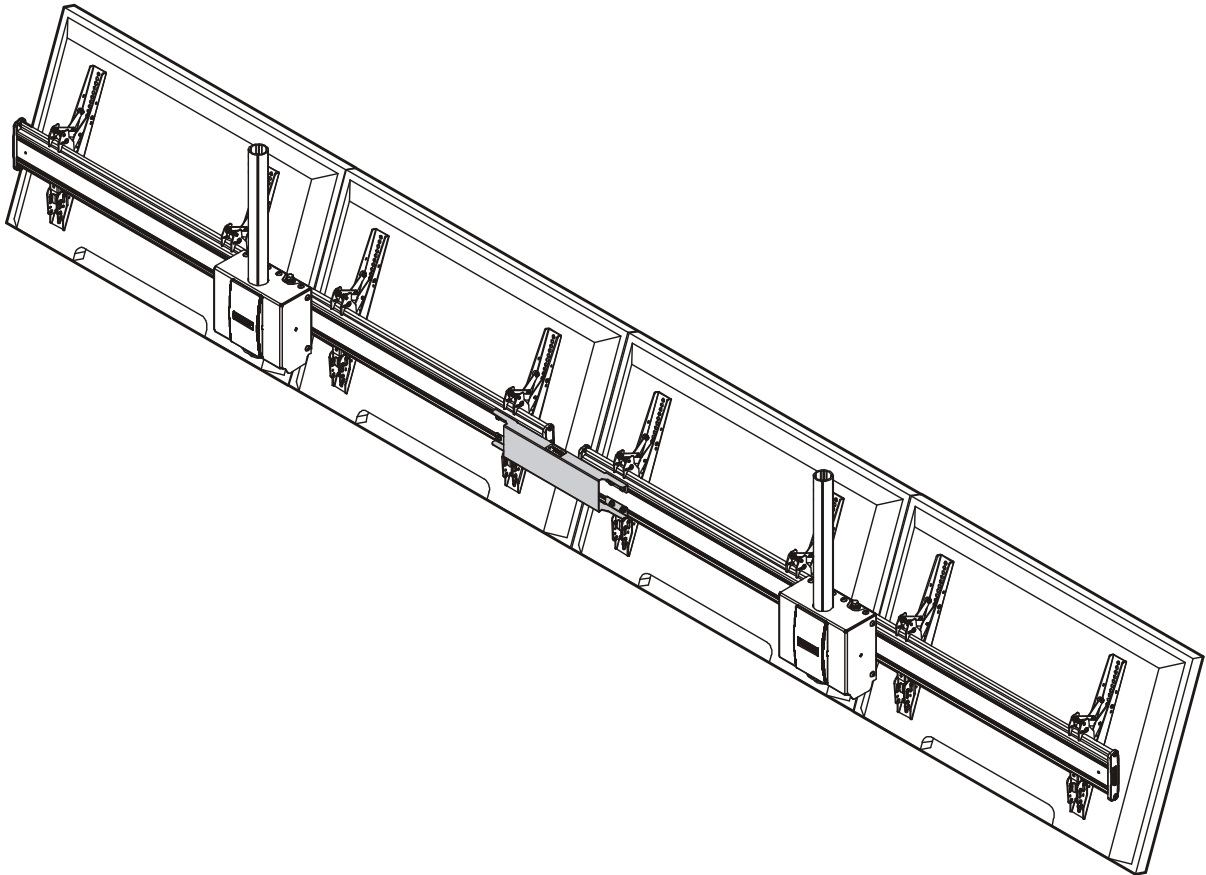

Ceiling Mount Extrusion Connector

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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:** Exceeding the weight capacity can result in serious personal injury or damage to equipment! Adding the FCAC connector accessory does NOT change the weight capacity listed for the mount. Consult (Table 1) for mounting system's weight capacity details.

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

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

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

Table 1: Weight Capacities

MODEL	Max Weight Allowed for __EACH__ Display	Max Weight Capacity of Mounting System
LCM2X2U	125 lbs (56.7 kg)	500 lbs (226.8 kg)
LCM3X2U	125 lbs (56.7 kg)	750 lbs (340.2 kg)
LCM3X3U	85 lbs (38.6 kg)	765 lbs (347.0 kg)
LCM2X1U	125 lbs (56.7 kg)	250 lbs (113.4 kg)
LCM2X1UP	125 lbs (56.7 kg)	250 lbs (113.4 kg)
LCM3X1U	125 lbs (56.7 kg)	375 lbs (170.1 kg)
LCM3X1UP	125 lbs (56.7 kg)	375 lbs (170.1 kg)

⚠ **WARNING:** Displays may **NOT** be attached to the FCAC **OR** mounted across the FCAC. The FCAC is **NOT** intended to be a load-bearing accessory.

NOTE: The FCAC is intended to assist with alignment of LCM menu boards and ceiling mounted video walls.

NOTE: The FCAC is intended to be used with:

- LCM Ceiling Mounted Menu Boards Series
- LCM Ceiling Mounted Video Walls Series

--SAVE THESE INSTRUCTIONS--

DIMENSIONS

18.00
[457.2]

12.06
[306.4]

2.97
[75.4]

0.75
[19.1]

0.28
[7.1]

0.25
[6.4]

1.50
[38.1]

0.50
[12.7]

0.50
[12.7]

1.50
[38.1]

Ø0.28
[7.1]

2.63
[66.7]

3.75
[95.3]

13.00
[330.2]

2.50
[63.5]

SHOWN WITH LCM2X1U

SHOWN WITH LCM2X1U

DETAIL A
SCALE 1 : 6

DETAIL B
SCALE 1 : 8

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

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

TOOLS REQUIRED FOR INSTALLATION

7/16"

PARTS

A (1)
[FCAC]

B (4)
[T-slot nut]

C (8)
1/4-20

INSTALLATION

NOTE: The FCAC is intended to assist with alignment of LCM menu boards and ceiling mounted video walls.

⚠️ **WARNING:** Displays may **NOT** be attached to the FCAC **OR** mounted across the FCAC. The FCAC is **NOT** intended to be a load-bearing accessory.
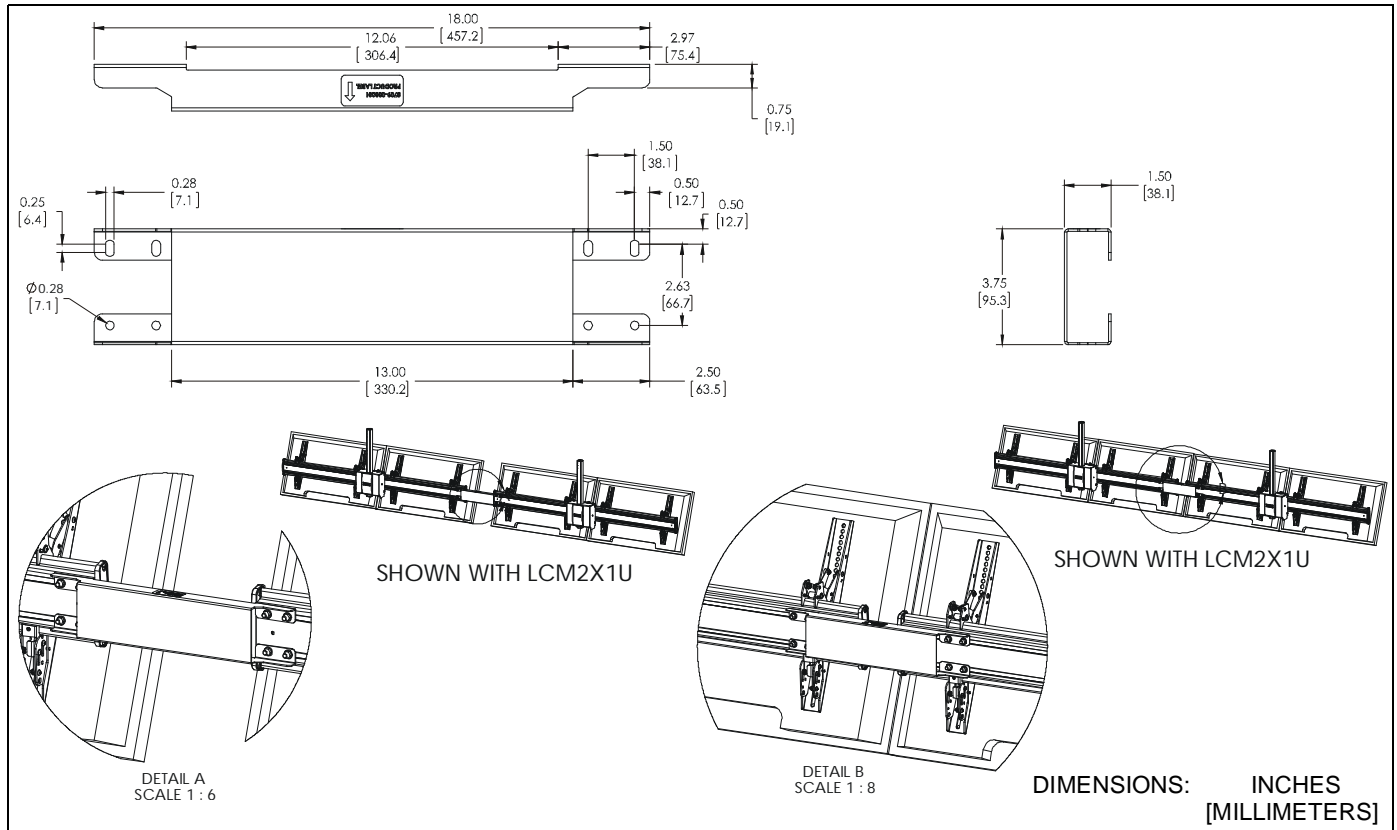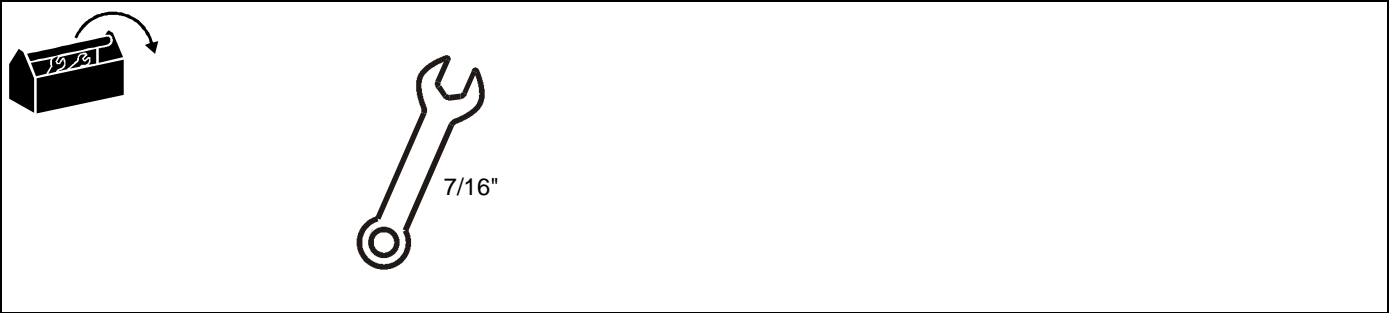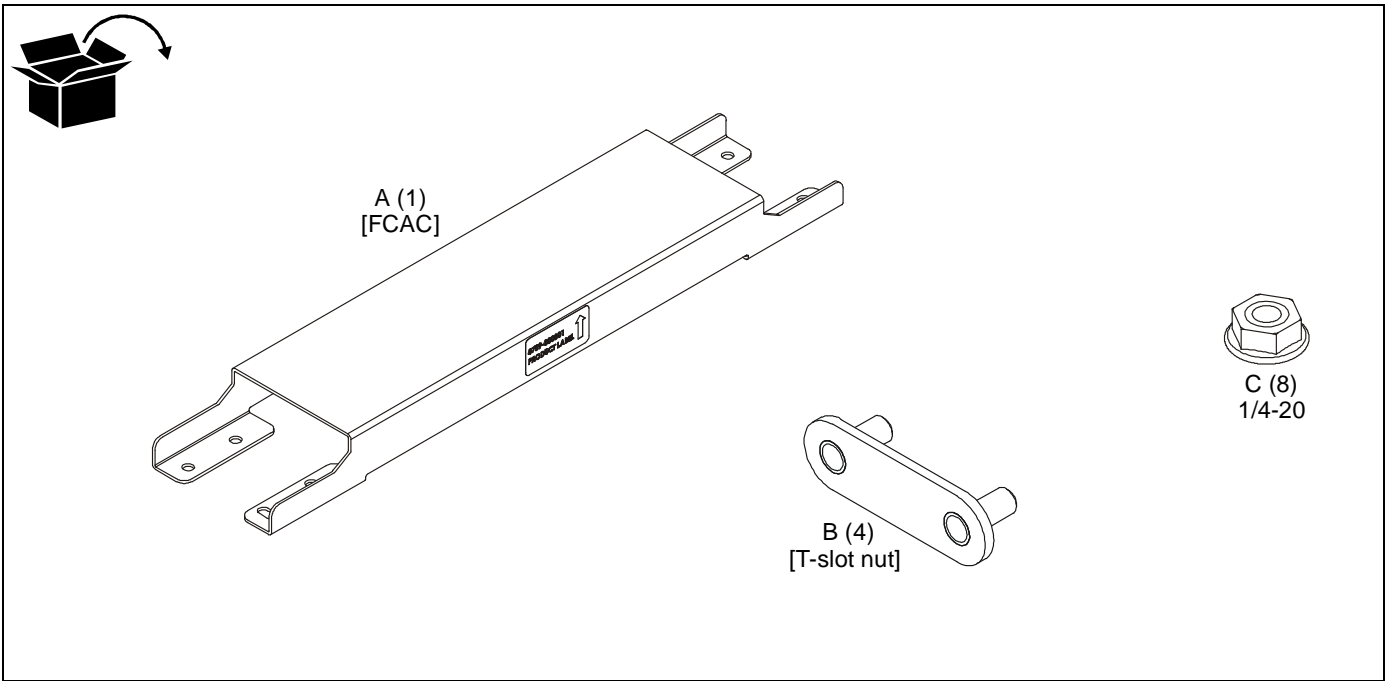
1. Assemble LCM Ceiling Mounted Menu Boards Series or LCM Ceiling Mounted Video Walls Series, according to included installation instructions.

2. Rotate end cap on one end of rail by loosening one screw and removing one screw holding end cap to rail. (See Figure 1)

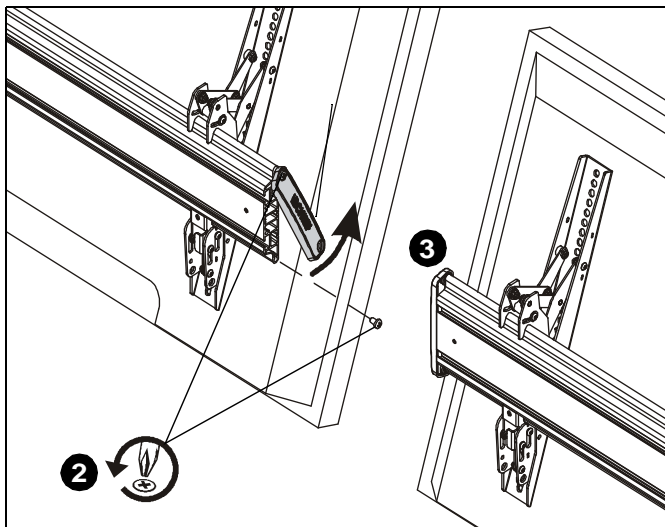3. Repeat Step 2 for end of adjacent rail. (See Figure 1)

Figure 2

Figure 1

4. Insert two T-slot nuts (B) into rail. (See Figure 2)

5. Rotate end cap back into position and fasten with screws loosened or removed in Steps 2 and 3. (See Figure 2)

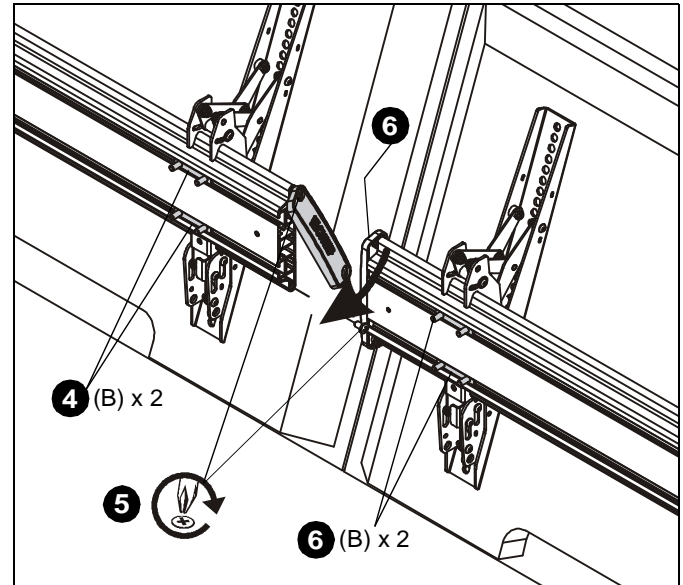6. Repeat Steps 4 and 5 for end of adjacent rail. (See Figure 2)

7.   Attach FCAC (A) to T-slot nuts (B) using eight 1/4-20 hex
     nuts (C). (See Figure 3)

NOTE: See the maximum spacing and minimum spacing
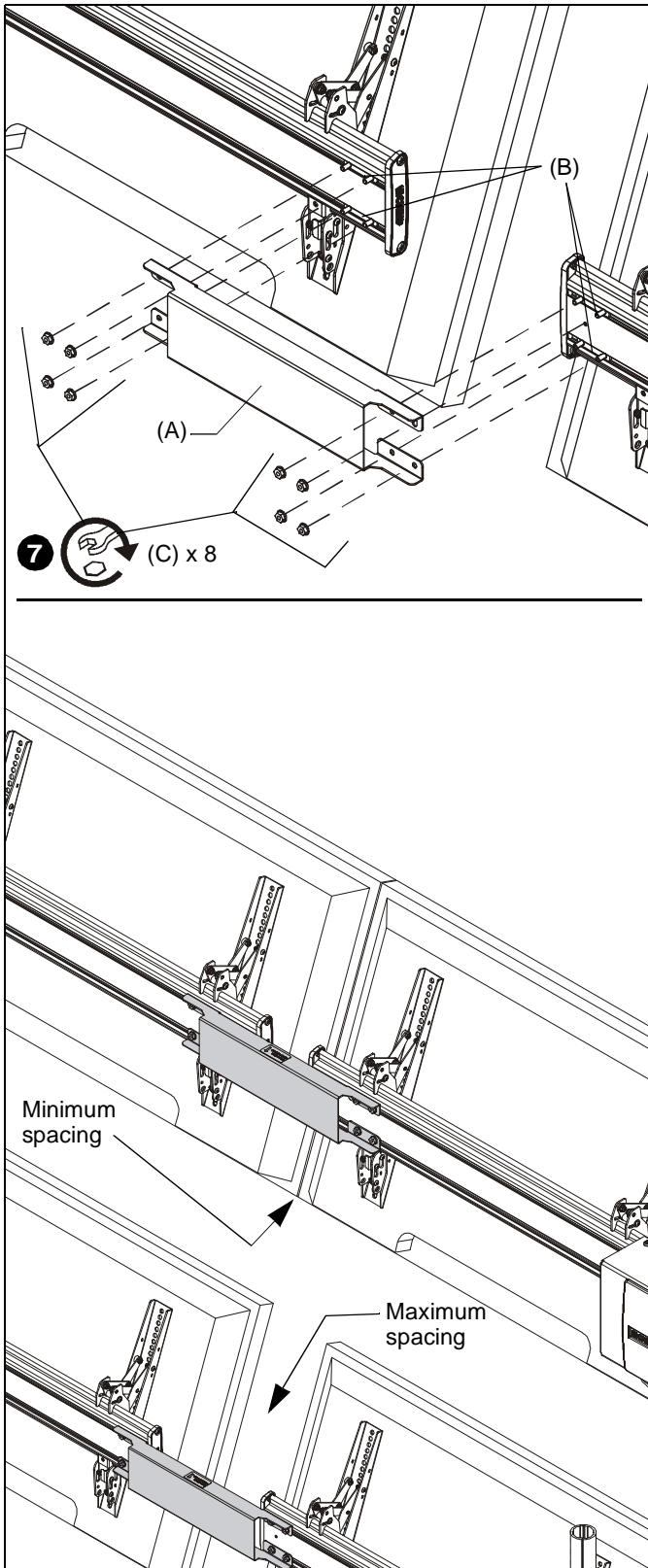   examples of the FCAC. (See Figure 3)

Figure 3

CHIEF®

Our Mounts. **Your Vision.**

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