# INSTALLATION INSTRUCTIONS









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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/ accessories are properly assembled and installed using the instructions provided.

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

**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 equipment and accessories mounted on the FCA850 does not exceed 5 lbs (2.27 kg).

**WARNING:** RISK OF INJURY TO PERSONS! Do not use this accessory to support video equipment such as televisions or computer monitors.

WARNING: Do not use this accessory outdoors.

# --SAVE THESE INSTRUCTIONS--

#### 7.17 r n DISPLAY WIDTH EDGE FROM HERI FOR USE WITH .39 [9.8] DISPLAY WIDTH RANGING FROM 44.8"- 72.8" [1138mm - 1849mm WHEN USING X-LARGE FUSION WALL MOUNTS 1.33 [33.7] FOR USE WITH DISPLAY WIDTH RANGING FROM .30 [7.6] 36.8"- 66.8" [935mm - 1696mm] WHEN USING LARGE FUSION WALL MOUNTS FOR USE WITH DISPLAY WIDTH RANGING FROM 34.4" - 57.8" [874mm - 1468mm] WHEN USING MEDIUM FUSION WALL MOUNTS 25.34 [643.7] [304.8] ୍ମ f n [38.1] DIMENSIONS: INCHES [MILLIMETERS]

# DIMENSIONS

## LEGEND

G	Tighten Fastener		Pencil Mark
	Apretar elemento de fijación		Marcar con lápiz
	Befestigungsteil festziehen		Stiftmarkierung
	Apertar fixador		Marcar com lápis
	Serrare il fissaggio		Segno a matita
	Bevestiging vastdraaien		Potloodmerkteken
	Serrez les fixations		Marquage au crayon
C	Loosen Fastener		Drill Hole
	Aflojar elemento de fijación		Perforar
	Befestigungsteil lösen		Bohrloch
	Desapertar fixador		Fazer furo
	Allentare il fissaggio		Praticare un foro
	Bevestiging losdraaien		Gat boren
	Desserrez les fixations		Percez un trou
	Phillips Screwdriver		Adjust
•	Destornillador Phillips	$( \mathbf{f} )$	Ajustar
	Kreuzschlitzschraubendreher		Einstellen
	Chave de fendas Phillips		Ajustar
	Cacciavite a stella		Regolare
	Kruiskopschroevendraaier		Afstellen
	Tournevis à pointe cruciforme		Ajuster
	Open-Ended Wrench		Remove
	Llave de boca		Quitar
	Gabelschlüssel		Entfernen
	Chave de bocas		Remover
	Chiave a punte aperte		Rimuovere
	Steeksleutel		Verwijderen
	Clé à fourche		Retirez
E Star	By Hand	OPT	Optional
	A mano		Opcional
	Von Hand		Optional
	Com a mão		Opcional
	A mano		Opzionale
	Met de hand		Optie
	À la main		En option
0	Hex-Head Wrench	0	Security Wrench
	Llave de cabeza hexagonal		Llave de seguridad
	Sechskantschlüssel		Sicherheitsschlüssel
	Chave de cabeça sextavada		Chave de segurança
	Chiave esagonale		Chiave di sicurezza
	Zeskantsleutel		Veiligheidssleutel
			Clé de sécurité
	Clé à tête hexagonale		

# TOOLS REQUIRED FOR INSTALLATION



## PARTS



#### Installation

**NOTE:** The FCA850 camera shelf can be mounted before or after the display is mounted to the faceplate. It may be mounted to either side of the display.

### **Shelf Assembly**

- Use two #10-24 x 3/8" button head cap screws (B) to secure camera shelf bracket (E) to vertical bracket (H). (See Figure 1)
- 2. Use two #10-24 x 3/8" button head cap screws (B) to secure shelf (A) to shelf bracket (E). (See Figure 1)





 Use two 5/16-18 x 1/2" button head cap screws (C) to secure vertical bracket to two extension bars (F). (See Figure 2)



Figure 2

#### Attach to Rails

1. Remove end covers from existing mounting system. (See Figure 3)



Figure 3

- Slide rail bushings (G) onto extension bars (F). (See Figure 4)
- Install two 5/16-18 x 1/2" button head cap screws (C) into ends of extension bars (F) to keep bushings (G) from sliding off bars. (See Figure 4)





- 4. Insert ends of extension bars (F) into open endings of mounting system. (See Figure 5)
- 5. Tighten bushings (G) to secure extension bars (F) to mounting system at desired location. (See Figure 5)





### **Camera Mounting**

**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 equipment and accessories mounted on the FCA850 does not exceed 5 lbs (2.27 kg).

- **NOTE:** Mounting options will vary depending on the type of camera being mounted.
- Install 1/4-20 x 1/4" Phillips pan machine screw (D) through holes on shelf and into hole on bottom of camera. (See Figure 6)
- **NOTE:** Camera can be secured to mount by threading a tie through outside slots on camera mount and around the camera.
- **NOTE:** It is also acceptable to mount the camera directly to the shelf without any screws or ties.



Figure 6

### Adjustments

#### **Extension Length Adjustment**

- 1. Loosen two bushings (G) connecting extension bars (F) to mount. (See Figure 7)
- 2. Adjust arm to desired length. (See Figure 7)
- 3. Tighten two bushings (G) until connection to mount is secure. (See Figure 7)



Figure 7



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Europe

Asia Pacific

- USA/International A 6436 City West Parkway, Eden Prairie, MN 55344
  - Ρ 800.582.6480 / 952.225.6000
  - **F** 877.894.6918 / 952.894.6918
  - A Franklinstraat 14, 6003 DK Weert, Netherlands
  - Ρ +31 (0) 495 580 852
  - F +31 (0) 495 580 845
  - A Office No. 918 on 9/F, Shatin Galleria 18-24 Shan Mei Street Fotan, Shatin, Hong Kong
  - **P** 852 2145 4099
  - F 852 2145 4477

