Fusion™ Small Above/Below Accessory Shelf
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 accessories are properly assembled and installed using the instructions provided.

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 mounted to the FCA803/813 shelf does not exceed 2 lbs (0.9 kg).

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.

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

--SAVE THESE INSTRUCTIONS--
DIMENSIONS - FCA813

**Fusion Wall Below Mount Setup**

- Center of Mount: [617.70, 28.41]
- MIN RANGE: [592.56, 35.14]
- INTERMEDIATE RANGE: [617.70, 28.41]
- MAX RANGE: [633.20, 35.14]

**Fusion Wall Above Mount Setup**

- MIN RANGE: [556.99, 22.37]
- INTERMEDIATE RANGE: [587.86, 24.00]
- MAX RANGE: [617.57, 25.50]

**Fusion Ceiling/Cart Below Mount Setup**

- MIN RANGE: [592.57, 35.14]
- INTERMEDIATE RANGE: [644.80, 44.27]
- MAX RANGE: [692.71, 48.00]

**Fusion Ceiling/Cart Above Mount Setup**

- MIN RANGE: [564.88, 26.29]
- INTERMEDIATE RANGE: [614.70, 31.12]
- MAX RANGE: [678.50, 36.00]
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

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

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

TOOLS REQUIRED FOR INSTALLATION

PARTS
ASSEMBLY AND INSTALLATION

Below Installation

NOTE: FCA803 and FCA813 shelves may be installed above or below displays. To install above display, proceed to “Above Installation” Section.

Assembling Shelf to Upright Bracket

1. Loosely install two 1/4-20 x 1/2" button head cap screws (J) into lowest holes on upright bracket (A). (See Figure 1) or (See Figure 2)
2. Hang shelf support (D) onto two screws installed in Step 1. (See Figure 1) or (See Figure 2)
3. Tighten two screws to ensure upright bracket (A) is securely attached to shelf support (D). (See Figure 1) or (See Figure 2)

Attaching Shelf to Wall Mount

NOTE: If attaching to cart or ceiling mount, proceed to Attach Shelf to Cart/Ceiling Section.

1. Use two 1/4-20 x 1/4" button head cap screws (H) and two large washers (F) to secure shelf bracket (C) to main bracket (B). (See Figure 3)

CAUTION: Slide bracket with caution so that the bracket does not scratch or damage the wall!

2. Slide main bracket (B) behind wall mount rails until shelf bracket (C) rests on top of wall mount rail. (See Figure 3)
3. Slide second shelf bracket (C) underneath lower rail on wall mount, lining up holes on shelf bracket (C) to main bracket (B). (See Figure 4)
4. Use two 1/4-20 x 1/4" button head cap screws (H) and two large washers (F) to secure shelf bracket (C) to main bracket (B). (See Figure 4)
NOTE: Refer to Table 1 and dimension drawings on pages 3-4 to determine the extension level based on extension distance from mount center.

Table 1: Below Wall Mount

<table>
<thead>
<tr>
<th>Extension distance from center of mount (in.)</th>
<th>Minimum (FCA803)</th>
<th>Intermediate (FCA803)</th>
<th>Maximum (FCA803)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.0-14.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.3-16.8</td>
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<td></td>
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<tr>
<td>16.8-18.3</td>
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<td></td>
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<tr>
<td>19.0-21.7</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>21.7-26.9</td>
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<td></td>
<td></td>
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<tr>
<td>26.9-28.4</td>
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</tbody>
</table>

NOTE: Minimum and maximum configurations are shown below. Intermediate configuration is the same.

5. Use 1/4-20 x 5/8" hex head flange bolt (K) and center washer (E) to secure upright bracket (A) to main bracket (B). (See Figure 5)

Attaching Shelf to Cart/Ceiling Mount

IMPORTANT! If installing to a 2x1 display cart using the FCA623 accessory, proceed to “Installing to FCA623 Accessory” Section (Step 6).

1. Use two 1/4-20 x 1/4" button head cap screws (H) and two large washers (F) to secure shelf bracket (C) to main bracket (B). (See Figure 6)

2. Slide main bracket (B) onto front of cart/ceiling mount head assembly until shelf bracket (C) rests on top of head assembly. (See Figure 6)

3. Slide second shelf bracket (C) underneath head assembly, lining up holes on shelf bracket (C) to holes on main bracket (B). (See Figure 7)

4. Use two 1/4-20 x 1/4" button head cap screws (H) and two large washers (F) to secure shelf bracket (C) to main bracket (B). (See Figure 7)

5. Proceed to Step 11.
Installing to FCA623 Accessory

IMPORTANT!: Steps 6-10 only apply if installing to FCA623 accessory.

6. Use two 1/4-20 x 7/16” button head cap screws (N), two large washers (F) and two 1/2” spacers (M) to secure shelf bracket (C) to main bracket (B). (See Figure 8)

7. Slide main bracket (B) onto front of cart/ceiling mount head assembly until shelf bracket (C) rests on top of head assembly. (See Figure 8)

8. Slide second shelf bracket (C) underneath head assembly, lining up holes on shelf bracket (C) to holes on main bracket (B). (See Figure 9)

9. Slide two 1/2” spacers (M) in between shelf bracket (C) and main bracket (B). (See Figure 9)

10. Use two 1/4-20 x 7/16” button head cap screws (N) and two large washers (F) to secure shelf bracket (C) to main bracket (B). (See Figure 9)

11. Use 1/4-20 x 5/8” hex head flange bolt (K) and center washer (E) to secure upright bracket (A) to main bracket (B). (See Figure 10)

NOTE: Refer to Table 2 and dimension drawings on pages 3-4 to determine the extension level based on extension distance from mount center.

Table 2: Below Cart/Ceiling Mount

<table>
<thead>
<tr>
<th>Extension distance from center of mount (in.)</th>
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<tbody>
<tr>
<td>11.2-13.7</td>
<td>Minimum (FCA803)</td>
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<tr>
<td>13.7-15.6</td>
<td>Intermediate (FCA803)</td>
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<td>15.6-18.2</td>
<td>Maximum (FCA803)</td>
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<tr>
<td>18.3-20.0</td>
<td>Minimum (FCA813)</td>
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<tr>
<td>20.0-26.7</td>
<td>Intermediate (FCA813)</td>
</tr>
<tr>
<td>26.7-30.0</td>
<td>Maximum (FCA813)</td>
</tr>
</tbody>
</table>

NOTE: Maximum configuration is shown below. Several intermediate configurations are possible depending on which holes are used.
Above Installation

Assembling Shelf to Upright Bracket
1. Install two 1/4-20 x 1/2" button head cap screws (J) into lowest holes on upright bracket (A). (See Figure 11) or (See Figure 12)
2. Hang shelf (E) onto two screws installed in Step 1. (See Figure 11) or (See Figure 12)
3. Secure upright bracket (A) to shelf (E) using:
   • 1/4-20 x 1/4" button head cap screw (H) if installing to wall mount. (See Figure 11)
   • 1/4-20 x 1/2" button head cap screw (J) if installing to cart/ceiling mount. (See Figure 12)
4. Tighten all three screws to ensure shelf is secure.

Attaching Shelf to Wall Mount
1. Use two 1/4-20 x 1/4" button head cap screws (H) and two large washers (F) to secure shelf bracket (C) to main bracket (B). (See Figure 13)
   \[ \text{CAUTION: Slide bracket with caution so that the bracket does not scratch or damage the wall!} \]
2. Slide main bracket (B) behind wall mount rails until shelf bracket (C) rests on top wall mount rail. (See Figure 13)
3. Slide second shelf bracket (C) underneath lower rail on wall mount, lining up holes on shelf bracket (C) to holes on main bracket (B). (See Figure 14)
4. Use two 1/4-20 x 1/4" button head cap screws (H) and two large washers (F) to secure shelf bracket (C) to main bracket (B). (See Figure 14)
NOTE: Refer to Table 3 and dimension drawings on pages 3-4 to determine the extension level based on extension distance from mount center.

Table 3: Above Wall Mount

<table>
<thead>
<tr>
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</tbody>
</table>

NOTE: Minimum and maximum configurations are shown below. Intermediate configuration is the same.

5. Use 1/4-20 x 5/8” hex head flange bolt (K) and center washer (E) to secure upright bracket (A) to main bracket (B). (See Figure 15)

Attaching Shelf to Cart/Ceiling Mount

IMPORTANT !: If installing to a 2x1 display cart using the FCA623 accessory, proceed to "Installing to FCA623 Accessory" Section (Step 6).

1. Use two 1/4-20 x 1/4” button head cap screws (H) and two large washers (F) to secure shelf bracket (C) to main bracket (B). (See Figure 16)

2. Slide main bracket (B) onto front of cart/ceiling mount head assembly until shelf bracket (C) rests on top of head assembly. (See Figure 16)

3. Slide second shelf bracket (C) underneath head assembly, lining up holes on shelf bracket (C) to holes on main bracket (B). (See Figure 17)

4. Use two 1/4-20 x 1/4” button head cap screws (H) and two large washers (F) to secure shelf bracket (C) to main bracket (B). (See Figure 17)

5. Proceed to Step 11.
Installing to FCA623 Accessory

NOTE: Steps 6-10 only apply if installing to FCA623 accessory.

6. Use two 1/4-20 x 7/16" button head cap screws (N), two large washers (F) and two 1/2" spacers (M) to secure shelf bracket (C) to main bracket (B). (See Figure 18)

7. Slide main bracket (B) onto front of cart mount head assembly until shelf bracket (C) rests on top of head assembly. (See Figure 18)

8. Slide second shelf bracket (C) underneath head assembly, lining up holes on shelf bracket (C) to holes on main bracket (B). (See Figure 19)

9. Slide two 1/2" spacers (M) in between shelf bracket (C) and main bracket (B). (See Figure 19)

10. Use two 1/4-20 x 1/2" button head cap screws (J) and two large washers (F) to secure shelf bracket (C) to main bracket (B). (See Figure 19)

NOTE: Refer to Table 4 and dimension drawings on pages 3-4 to determine the extension level based on extension distance from mount center.

NOTE: Steps 6-10 only apply if installing to FCA623 accessory.

11. Use 1/4-20 x 5/8" hex head flange bolt (K) and center washer (E) to secure upright bracket (A) to main bracket (B). (See Figure 20) or (See Figure 21)

12. (For maximum/intermediate extension ONLY) Use two 1/4-20 x 1/2" button head cap screws (J) to secure upright bracket (A) to main bracket (B). (See Figure 20)

Table 4: Above Cart/Ceiling

<table>
<thead>
<tr>
<th>Extension distance from center of mount (in.)</th>
<th>Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.2-14.2</td>
<td>Minimum (FCA803)</td>
</tr>
<tr>
<td>14.2-16.7</td>
<td>Intermediate (FCA803)</td>
</tr>
<tr>
<td>16.7-19.2</td>
<td>Maximum (FCA803)</td>
</tr>
<tr>
<td>22.7-24.2</td>
<td>Minimum (FCA813)</td>
</tr>
<tr>
<td>24.2-28.0</td>
<td>Intermediate (FCA813)</td>
</tr>
<tr>
<td>28.0-31.0</td>
<td>Maximum (FCA813)</td>
</tr>
</tbody>
</table>
Height Adjustment

1. Loosen hardware used to attach main bracket (B) to upright bracket (A). (See Figure 22)

2. Adjust shelf height as desired. (See Figure 22)

NOTE: For all above display installations, it is recommended that the shelf be positioned so that it rests on top of display to help ensure an even mount.

3. Tighten hardware used to attached main bracket (B) to upright bracket (A). (See Figure 22)

Installing Camera (not included)

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 mounted on the FCA803/813 does not exceed 2 lbs (0.9 kg).

NOTE: Screw mounting options will vary based upon camera model.

1. Install 1/4-20 x 3/8" Phillips pan machine screw (L) through mounting slot on shelf and into hole on bottom of camera. (See Figure 23)

2. Route cable from camera towards back of shelf and down behind the FCA803/813. (See Figure 23)