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Product specifications are subject to change without notice.
Profile™ Console System Introduction

Thank you for selecting the Profile Console System from Wright Line. You are installing the most advanced modular technical furniture system designed for interactive monitoring and technologies based on LCD flat panel displays. Please take the time to review this manual to ensure an efficient and safe installation of our products.

The beauty of Profile is its simplicity in space planning, assembly and technology integration. This manual is dedicated to the installation of the furniture system itself. We recommend that you have plan drawings of your Profile configuration and an equipment list (or shipping list) of Profile components. Profile is manufactured in Worcester, Massachusetts, from our world-class manufacturing center for technical furniture and made to your specifications.
STOP! BEFORE YOU BEGIN TO UNPACK…

Before you begin to unpack your Profile Flat Panel Display System components, please read the following paragraphs. Attention to these warnings will help prevent personal injuries and damage to the products.

⚠️ WARNING ⚠️

The Profile components can be very heavy. To minimize the possibility of personal injury and damage to the product, it is strongly recommended that several people take part in the unpacking and moving process. When lifting units, there should be at least one person for every 40 lbs. of weight to be lifted.

⚠️ WARNING ⚠️

Tier 2 and tier 3 add-on walls can be very heavy. When assembling tier 2 and tier 3 add-on walls, ensure that there is an adequate number of people on hand to lift these units.

⚠️ WARNING ⚠️

During installation, care should be taken when sliding cores along the floor. Three tier units, in particular, are susceptible to tipping.

⚠️ WARNING ⚠️

In seismically active areas, all Profile installations must be securely fastened to the floor.

⚠️ WARNING ⚠️

Do not, under any circumstance, stand on Profile worksurfaces.

⚠️ WARNING ⚠️

Do not place any loads in excess of 300 pounds (111.997 kg) on each 72” (182.88 cm) of linear worksurface.

⚠️ WARNING ⚠️

Do not stand on Profile worksurfaces to load monitors.
Tools That You Will Need:

- Level
- 11/16” Nut Driver (or Socket Wrench)
- 5/8” Nut Driver (or Socket Wrench)
- 5/32” Allen Wrench
- 1-3/8” Open End Wrench (for leveling glide adjustment)
- Phillips Head Screwdriver
- Rubber Mallet

Fasteners That You Will Be Using:
Installation Sequence

1. **Read the Important Safety Information in the Proceeding Section.** Reference page 3
2. **Attach the Uprights and / or Equipment Dockers.** Reference pages 14-16
3. **Attach the CPU Caddy.** Reference pages 17-18
4. **Assemble Core and Wedge Connector configurations.** Reference pages 19–32
5. **Attach the Flat Panel Display Walls.** Reference pages 33–35
6. **Modular Wall Options.** Reference pages 36-39
7. **Install Lifts.** Reference pages 40-69
8. **Install Ergonomic Worksurfaces.** Reference pages 70–73
9. **Attach the Trim and optional Privacy Screens.** Reference pages 74–82
10. **Install Modular Rackmount.** Reference pages 83-88
11. **Install optional Cooling Fans.** Reference pages 89–90
12. **Install optional Power Accessories.** Reference page 91
13. **Install Lamps.** Reference page 92
14. **Install Flat Panel Display Arms.** Reference page 93

Select from the sample configurations on the following pages which best represent your Profile System. Refer to the “Icons” on the bottom of the pages to guide you through the assembly sequences.

Typical configurations:

- Single Sided - Single Unit
- Single Sided - Multiple Units
- Double Sided - Single Unit
- Double Sided - Multiple Units
- Single Side - 45° and 15° Concave Multiple Units
- Single Side - 45° and 15° Convex Multiple Units
- Ergonomic Worksurfaces
INSTALLATION OVERVIEW

TYPICAL CONFIGURATIONS

- SINGLE Sided/SINGLE UNIT  See page 7
- DOUBLE Sided/SINGLE UNIT  See page 8
- SINGLE Sided/MULTIPLE UNIT  See page 9
- DOUBLE Sided/MULTIPLE UNIT  See page 10
- SINGLE Sided 45° & 15° CONCAVE MULTIPLE UNITS  See page 11
- SINGLE Sided 45° & 15° CONVEX MULTIPLE UNITS  See page 12
- ERGONOMIC WORKSURFACES  See page 13
Refer to the pages on the "Icons" below for the detailed assembly sequences.

- UPRIGHT / DOCKER  See page 14
- CORE TO CORE  See page 19
- FPD WALL  See page 33
- WORKSURFACE  See page 70
- TRIM / PANELS  See page 74
- ACCESSORIES  See page 89
Refer to the pages on the “Icons” below for the detailed assembly sequences. For Double Sided units, repeat assembly sequence for Single Sided on opposite side.
Refer to the pages on the “Icons” below for the detailed assembly sequences.
Refer to the pages on the “Icons” below for the detailed assembly sequences.
For Double Sided units, repeat assembly sequence for Single Sided on opposite side.
Refer to the pages on the “Icons” below for the detailed assembly sequences.

CONCAVE UNIT

CONCAVE CONFIGURATION

UPRIGHT / DOCKER  See page 14
CORE TO CORE  See page 19
FPD WALL  See page 33

WORKSURFACE  See page 70
TRIM / PANELS  See page 74
ACCESSORIES  See page 89
Refer to the pages on the “Icons” below for the detailed assembly sequences.

CONVEX UNIT

UPRIGHT / DOCKER  See page 14
CORE TO CORE  See page 19
FPD WALL  See page 33
WORKSURFACE  See page 70
TRIM / PANELS  See page 74
ACCESSORIES  See page 89
Refer to the pages on the “Icons” below for the detailed assembly sequences.
Notes: 1.) Assemble the Uprights and/or Dockers to the core frame first, to stabilize a Core.
2.) For Double Sided configurations, repeat the following sequences for the opposite side of the unit.

To assemble the Uprights to the Core: Reference figure 1.

- **Install** the Uprights to the Core. Insert the hooks on the rear of the Uprights into the slots in the Core Frame and push down. Tap the top of the Uprights with a plastic mallet to ensure that the hooks are firmly seated. *(See Figure 1).*
- **Install** three 1/4"-20 x 1/2" hex head screws into each Upright to lock them in place.
To assemble the Docker to the Core: *Reference figure 2.*

- **Align** Docker(s) with frame according to the Plan Layout.
- **Install** three 1/4”-20” x 3/4” phillips pan head screws, from the inside of the Docker, into the Core Frame as shown.
- **Secure** the 1/4-20” x 3/4” phillips pan head screws to the Core using three 1/4-20 kep hex nuts inside Core Frame as shown.

Notes: For Double Sided configurations, repeat the following sequences for the opposite side of the unit.
- **Install** Core / Foot Re-enforcement Bracket using the 1/4”–20 x 1/2” hex washer head screws (four each bracket) as shown in figure 3.

  *Note: One Bracket is required wherever a Upright is located.*
To assemble the Swivel CPU Caddy: *(reference figures 4, 5, 6 & 7)*

- **Install** four 1/4"-20 x 1/2" hex washer head screws partially into the appropriate holes in the core. The screws should protrude at least 1/16". *Reference figure 4.*
- **Lower** the caddy mounting bracket slots onto the screws. *Reference figure 5.*
Note: Use strap to secure CPU within Caddy.

- **Install** two 1/4”-20 x 1/2” hex washer head screws at the top of the mounting bracket. Tighten all four screws. *Reference figure 6.*
- **Lower** the End Bracket onto the previously installed screws at the bottom of the core and then install two 1/4”-20 x 1/2” hex washer head screws at the top of the bracket. Align top of End Bracket with top of Caddy. Tighten all four screws. *Reference figure 7.*
To assemble multiple Cores together: Reference figures 8.

- **Align** Cores according to the Plan Layout.
- **Attach & Secure** Cores using four 1/4”-20 x 1/2” hex washer head screws and four 1/4”-20 hex kep nuts as shown. Reference figure 8.

**Notes:** A Transition Upright is required between the connection of every linear core section, see page 18. For Double Sided configurations, repeat the following sequences for the opposite side of the unit.
To assemble the Transition Upright to the Cores: Reference figure 9a and 9b.
- **First** assemble Cantilever Supports to Transition Upright, left and right side. Reference figure 9a.
- **Align** the Transition Upright Assembly with the holes in the Core frames as shown. Reference figure 9b.
- **Secure** using six 1/4"-20 button head cap screws and six kep nuts. Tighten securely. Reference figure 9b.

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**Note:** A Transition Upright is required between the connection of every linear core section, see below.
Note: Two people are required when assembling Core/Walls.  
15° Angle is shown; also applies to 45° concave configurations as well as 90°, 180° and 360° Connectors.

To connect multiple Cores (with tiers and without): Reference figures 10a and 10b. 
Note: On concave and convex units with FPD Walls, FPD Walls need to be attached to cores and FPD Walls before wedge components can be installed. See pages 33, 34 and 35.

- **Align** Front Panel with front of Core/Wall. *Reference figure 10a.* (Note: Upright location on Core indicates front reference.)
- **Secure** Front Panel to Cores using six 1/4"-20 x 1/2" hex washer head screws. *Reference figure 10b.*
To connect multiple Cores (with tiers and without): Reference figure 11.

- **Assemble** two Horizontal Connector Plates to the cores as shown using eight 1/4”-20 x 1/2” hex washer head screws in two locations. Reference figure 11.
Note: Wedge Upright is required for both 15° and 45° Wedge Connector. 90°, 180° and 360° do not require Uprights.

To assemble the Wedge Upright to the Wedge Front Panel: Reference figures. 12a and 12b.

Note: On concave and convex units with FPD Walls, FPD Walls need to be attached to cores and FPD Walls before wedge components can be installed. See pages 33, 34 and 35.

- **First** assemble Cantilever Supports to Wedge Uprights, left and right side. Reference figure 8.
- **Align** the holes in the back of the Wedge Upright with the holes in the Wedge Front Panel.
- **Secure** using three 1/4”-20 x 1/2” hex head screws. See Figure 12b.
To assemble the Rear Panel to the Cores: Reference figure 13.

- **Attach** the Rear Panel to the Cores using four 1/4”-20 x 1/2” hex washer head screws as shown in figure 13.
To assemble the Plastic Top Cap to the Cores: Reference figure 14.

- Attach the Top Plate and Plastic Top Cap to the Cores using four #10-32 x 3/8” thread forming screws as shown in figure 14.
To assemble the Rear and Front Panels to the Cores and FPD Walls: Reference figures 15 and 15a.  

Note: On concave and convex units with FPD Walls. FPD Walls need to be attached to cores and previous FPD Walls before wedge components can be installed. Reference pages 33-35 for FPD assembly.

- **Attach** a Front Panel to the FPD Walls using four 1/4”-20 x 1/2” hex washer head screws as shown in figure 15a.
- **Attach** a Rear Panel to the FPD Walls using six 1/4”-20 x 1/2” hex washer head screws as shown in figure 15a.
- **Attach** a Top Plate and a Plastic Top Cap to the FPD Walls using four #10-32 x 3/8” thread forming screws. Reference figure 15a.
Note: Two people are required when assembling Core/Walls.
15° Angle is shown; also applies to 45° convex configurations.

To connect multiple Cores (with tiers and without): Reference figures 16 and 16a.
Note: On concave and convex units with FPD Walls. FPD Walls need to be attached to cores and FPD Walls before wedge components can be installed.

- **Align** Rear Panel with rear of Core/Wall. *Reference figure 16.* (Note: Upright location on Core indicates front reference.)
- **Secure** Rear Panel to Cores using four 1/4”-20 x 1/2” hex washer head screws. *Reference figure 16a.*
To connect multiple Cores (with tiers and without): Reference figures 17.

- **Assemble** two Horizontal Connector Plates to the cores as shown using eight 1/4”-20 x 1/2” hex washer head screws in two locations. Reference figure 17.
To assemble the Rear Panel to the Cores: Reference figures 18.

- **Attach** the Font Panel to the Cores using four 1/4”-20 x 1/2” hex washer head screws as shown in figure 18.
Note: Wedge Upright is required for both 15° and 45° Wedge Connector. 90°, 180° and 360° do not require Uprights.

To assemble the Wedge Upright to the Convex Wedge: Reference figures 19 and 19a.
- **First** assemble Cantilever Supports to Wedge Uprights, left and right side. Reference figure 19.
- **Align** the holes in the back of each Transition Upright with the holes in the cores on both side of the Wedge.
- **Secure** using three 1/4”-20 x 1/2” hex head screws. See Figure 19a.
To assemble the Plastic Top Cap to the Cores: Reference figure 20.

- **Attach** the Top Plate and Plastic Top Cap to the Cores using four #10-32 x 3/8” thread forming screws as shown in figure 20.
To assemble the Rear and Front Panels to the Cores and FPD Walls: Reference figures 21 and 21a.

Note: Cores and Walls need to be assembled first. See previous pages.

- Attach a Front Panel to the FPD Walls using six 1/4”-20 x 1/2” hex washer head screws as shown in figure 21a.
- Attach a Rear Panel to the FPD Walls using six 1/4”-20 x 1/2” hex washer head screws as shown in figure 21a.
- Attach a Top Plate and a Plastic Top Cap to the FPD Walls using four #10-32 x 3/8” thread forming screws. Reference figure 21a.
Notes: Two people are required when assembling Walls. Modular Wall, no Slat Wall.

To assemble Flat Panel Display Walls to Cores and additional walls, up to 3 tiers: Reference figure 22.

- Align the slats on the front of the FPD Wall with the front of the Core/Wall and position as shown. Reference figure 22. (Note: On double sided, front/back alignment is not necessary.)
- Secure FPD Wall to Core/Wall using four 1/4”-20 x 1/2” button head cap screws and four 1/4”-20 hex kep nuts as shown. *Reference figure 23a.*
- Secure Wall at Center Vertical Supports using four #10-32 x 3/8” thread forming screws (two each side) as shown. *Reference figure 23b.*
To assemble Flat Panel Display Walls to multiple linear Core to Cores: Reference figures 24 & 24a.

- Assemble FPD Walls to Core/Wall as previously shown in figures 23 - 23b.
- Assemble Walls to adjacent Wall(s) using 1/4”-20 x 1/2” hex washer head screws and 1/4”-20 kep hex nuts as shown. Reference figures 24 and 24a.
To assemble the Modular Slat Wall w/Cable Access Panel (24” wide, 30” wide, 36” wide) to the 16” high Modular Wall: *(reference figures 25, 26, & 27)*

- **Install** the Modular Slat Wall Bracket to the 16” high modular wall by inserting the tabs through the slots in the top of the modular wall and securing with two #10-24 x 3/8” phillips pan head screws. *Reference figures 25, 25a & 25b.*
To assemble the Modular Slat Wall w/Cable Access Panel (24” wide, 30” wide, 36” wide) to the 16” high Modular Wall: (reference figures 26 & 27)

- **Install** the Slat Wall to the 16” high modular wall using five #10-24 x 3/8” phillips pan head screws. *Reference figure 26.*
- **Install** two door latches and two panel clip retainers in the appropriate square holes or slots in the modular wall. *Reference figure 27 and 27a.*
To assemble the Modular Slat Wall w/Cable Access Panel (24” wide, 30” wide, 36” wide) to the 16” high Modular Wall: *(reference figure 28 & 29)*

- **Install** two door strikes in the square holes at the bottom of Cable Access Panel *Reference figure 28*
- **Install** the Cable Access Panel by engaging the top flange of the panel under the Slat wall and rotating down, snapping the door strikes into the door latches. *Reference figure 29a.*
To assemble the 16” High Modular Wall Fabric Panel or White Board Inserts (24” wide, 30” wide, 36” wide) to the 16” high Modular Wall: *(reference figure 30, 31 & 32)*

- **Install** four door latches in the appropriate square holes or slots in the 16” High Modular Wall. *Reference figure 30a.*
- **Install** four door strikes in the square holes in the 16” High Modular Wall Panel. *Reference figure 31.*
- **Attach** the wall panel to the 16” High Modular Wall by snapping the door strikes into the door latches. *Reference figure 32.*
Notes: Assemble and connect 90° Wedge Connector and Core/Walls before assembly of Ergonomic Worksurfaces.

To assemble Ergonomic Worksurfaces to the Core: Reference figures 33 thru 41.

- **Install** a Core Support Bracket inside each core on both sides of a 90° configuration. Reference figure 33a.
- **Secure** the brackets to the cores using five 1/4”-20 x 1/2” hex head screws. Reference figure 33b.
To assemble Ergonomic Worksurfaces to the Core: (continued)

- **Install** a Heavy Duty Lift Column Leg (right hand and left hand) to core(s). *Reference figure 34.*
- **Secure** the legs to the cores using thirteen 1/4”-20 x 1/2” hex head screws. *Reference figure 35.*
To assemble Ergonomic Worksurfaces to the Core: (continued)

- Assemble Trim Skins to Lift Column Leg bracket, top and bottom.
- Partially install two #10-24 x 3/8” phillips head screws at top of bracket, protruding 1/16”.
- Hook the top skin over the screws. Reference figure 36a.
- Attach the top and bottom skins to the bracket from the rear inside of the core using six #10-24 x 3/8” phillips head screws. Reference figure 37.
To assemble Ergonomic Worksurfaces to the Core: (continued)

- **Align** and attach a Mounting Plate to both Heavy Duty Lift Columns using four m8 x 40 flat head screws. *Reference figure 38.*
Notes: Before attaching the worksurfaces, it is very important to ensure that the core and lift column legs are level and plumb. Failure to do this can cause problems with the operation of the lift mechanism.

⚠️ Two persons required to lift and position worksurface.

To assemble Ergonomic Worksurfaces to the Core: (continued)

- **Align** the holes in the worksurface brackets with the holes in the lift column mounting plates and secure using ten $\frac{1}{4}$"-20 x 1/2" hex head screws and two #10-24 x 3/8" phillips pan head screws for each bracket. *Reference figures 39a.*

⚠️ Two persons required to lift.

⚠️ Before connecting power and operating the ergonomic worksurfaces, read manual #90104 for lift controls and operation. Reference controls CBS-2-xxx-xPx and HSU-OD-4M4. Also reference calibration sequence before operating ergonomic worksurfaces.
Notes: Plastic door latches and strikes must be assembled to the cores and core skins before the skins can be attached to the cores.

To assemble Core Skins: (reference figure 40, and 41)

- **Install** the Core Skins by engaging the hooks at the bottom of the skins with the slots in the base of the cores. Rotate the skins up and determine the location of the latches and strikes. Install the latches and panel clip retainers in the slots or square holes in the tops of the cores and then install the strikes in the appropriate square holes in the Core Skins. Snap the strikes into the latches. *Reference figures 40 & 41.*
Notes: Assemble and connect 90º Wedge Connector and Core/Walls before assembly of Ergonomic Worksurfaces.

To assemble Ergonomic Worksurfaces to the Core: Reference figures 42, 43, 44, 45, 46, 47, 48, 49, 50.

- **Install** a Core Support Bracket inside each core on both sides of a 90º configuration. *Reference figure 42a.*
- **Secure** the brackets to the cores using five 1/4”-20 x 1/2” hex head screws. *Reference figure 42b.*
To assemble Ergonomic Worksurfaces to the Core: (continued)

- **Install** Dual Lift Column Leg (right hand and left hand) to core(s). *Reference figure 43.*
- **Secure** the legs to the cores using thirteen 1/4”-20 x 1/2” hex head screws. *Reference figure 44.*
To assemble Ergonomic Worksurfaces to the Core: (continued)

- **Assemble** Trim Skins to Dual Lift Column Leg bracket, top and bottom.
- **Partially** install two #10-24 x 3/8” phillips head screws at top of bracket, protruding 1/16”.
- **Hook** the top skin over the screws. *Reference figure 45a.*
- **Attach** the top and bottom skins to the bracket from the rear inside of the core using six #10-24 x 3/8” phillips head screws. *Reference figure 46.*

![Diagram of Ergonomic Worksurfaces DUAL LIFT CORNER](image)
To assemble Ergonomic Worksurfaces to the Core: (continued)

- **Align** and attach two Worksurface Brackets to each Dual Lift Column using sixteen m6 x 18 hex flat head screws. *Reference figure 47.*
Before connecting power and operating the ergonomic worksurfaces, read manual #90103 for lift controls and operation. Reference controls lift DL4 and CBD4 and DPIU. Also reference initialization sequence before operating ergonomic worksurfaces.

Δ Two persons required to lift and position worksurface.

To assemble Ergonomic Worksurfaces to the Core: (continued)

- Align the holes in the worksurface brackets with the holes in the underside of the worksurfaces and secure using six #10AB x 3/4” phillips pan head screws for each bracket. Reference figure 48a.

Δ Two persons required to lift.

Δ Before connecting power and operating the ergonomic worksurfaces, read manual #90103 for lift controls and operation. Reference controls lift DL4 and CBD4 and DPIU. Also reference initialization sequence before operating ergonomic worksurfaces.
To assemble Core Skins: *(reference figure 49 & 50)*

- **Install** the Core Skins by engaging the hooks at the bottom of the skins with the slots in the base of the cores. Rotate the skins up and determine the location of the latches and strikes. Install the latches and panel clip retainers in the square holes or slots in the tops of the cores and then install the strikes in the appropriate square holes in the Core Skins. Snap the strikes into the latches. *Reference figures 49 & 50.*
Notes: Assemble and connect 45° Wedge Connector and Core/Walls before assembly of Ergonomic Worksurfaces.

To assemble Ergonomic Worksurfaces to the Core: Reference figures 51, 52, 53, 54, 55, 56, 57, 58, 59 & 60.

- **Install** a Core Support Bracket inside each core on both sides of a 45° configuration. Reference figure 51.
- **Secure** the brackets to the cores using 4\(\frac{1}{4}\)"-20 x 1/2” hex head screws and two 4\(\frac{1}{4}\)"-20 hex nuts. Reference figure 51a.
To assemble Ergonomic Worksurfaces to the Core: (continued)

- Install Dual Lift Column Leg (right hand and left hand) to core(s). Reference figure 52.
- Secure the legs to the cores using twelve 1/4"-20 x 1/2" hex head screws. Reference figure 52a.
To assemble Ergonomic Worksurfaces to the Core: (continued)

- **Assemble** Trim Skins to Dual Lift Column Leg bracket, top and bottom.
- **Partially** install two #10-24 x 3/8” phillips head screws at top of bracket, protruding 1/16”.
- **Hook** the top skin over the screws. *Reference figure 53.*
- **Attach** a Magnetic Strip to the bottom skin and then attach it to the bracket. *Reference figure 54 and 55.*
- **Install** a Core Support Bracket inside the center core. *Reference figure 56.*
- **Secure** the bracket to the core using four 1/4"-20 x 1/2" hex head screws and two 1/4"-20 hex nuts. *Reference figure 56a.*
To assemble Ergonomic Worksurfaces to the Core: (continued)

- **Install** Dual Lift Column Leg to center core. *Reference figure 57.*
- **Secure** the leg to the center core using fourteen 1/4”-20 x 1/2” hex head screws. *Reference figure 57a.*
- **Assemble** the Trim Skins. *Reference page 54, figures 53 and 54.*
To assemble Ergonomic Worksurfaces to the Core: (continued)

- **Align** and attach the Worksurface Support Frame to each Dual Lift Column using twelve m6 x 14 hex flat head screws. *Reference figure 58.*
To assemble Ergonomic Worksurfaces to the Core: (continued)

- **Align** and attach two Worksurface Brackets to each Dual Lift Column using eight m6 x 18 hex flat head screws. *Reference figure 59.*
Notes: Before attaching the worksurfaces, it is very important to ensure that the core and lift column legs are level and plumb. Failure to do this can cause problems with the operation of the lift mechanism.

⚠️ Two persons required to lift and position worksurface.

To assemble Ergonomic Worksurfaces to the Core: (continued)
- **Align** the holes in the worksurface brackets with the holes in the underside of the worksurfaces and secure using six #10AB x 3/4” phillips pan head screws for each bracket. *Reference figure 60.*
To assemble Core Skins: (reference figure 61 and 62)

- **Install** the Core Skins by engaging the hooks at the bottom of the skins with the rectangular holes in the base of the cores. Rotate the skins up and determine the location of the latches and strikes. Install the strikes in the rectangular holes in the tops of the cores and then install the strikes in the appropriate square holes in the Core Skins. Snap the strikes into the latches. Reference figures 61 & 62.

Notes: Plastic door latches and strikes must be assembled to the cores and core skins before the skins can be attached to the cores.
Notes: Assemble Core/Walls before assembly of Ergonomic Worksurfaces.

To assemble Ergonomic Worksurfaces to the Core: Reference figures 63, 63a & 63b.

- **Install** A Core Support Bracket on both ends of the linear core. *Reference figure 63a.*
- **Secure** the brackets to the core using five 1/4”-20 x 1/2” hex head screws. *Reference figure 63b.*
To assemble Ergonomic Worksurfaces to the Core: (continued)

- **Install** Single Lift Column Legs (right hand and left hand) to both ends of core. *Reference figure 64.*
- **Secure** each leg to the core using seven 1/4”-20 x 1/2” hex head screws. *Reference figure 65.*
To assemble Ergonomic Worksurfaces to the Core: *(continued)*

- **Assemble** Trim Skins to Single Lift Column Leg bracket, top and bottom.
- **Partially** install two #10-24 x 3/8” phillips head screws at top of bracket, protruding 1/16”.
- **Hook** the top skin over the screws. *Reference figure 66.*
- **Attach** the top and bottom skins to the bracket from the rear inside of the core using six #10-24 x 3/8” phillips head screws. *Reference figure 67 On page 64.*
To assemble Ergonomic Worksurfaces to the Core: (continued)

- **Attach** the top and bottom skins to the bracket from the rear inside of the core using six #10-24 x 3/8” phillips head screws. *Reference figure 67.*
- **Finally** secure the Single Lift Column Leg using the five remaining 1/4”-20 x 1/2” hex head screws thru the Core Support Bracket and into the Lift Column Leg Bracket. Tighten securely. *Reference figure 68.*
To assemble Ergonomic Worksurfaces to the Core: (continued)

- Cut and attach three magnetic strips to the underside of each Top Cover Plate. Attach the cover plates to the top of each lift column leg. Reference figure 69.
To assemble Ergonomic Worksurfaces to the Core: (continued)

- **Align** and attach the Worksurface Support Frame to each Single Lift Column using eight m6 x 20mm phillips pan head screws. *Reference figure 70a.*
Notes: Before attaching the worksurfaces, it is very important to ensure that the core and lift column legs are level and plumb. Failure to do this can cause problems with the operation of the lift mechanism.

⚠ Two persons required to lift and position worksurface.

To assemble Ergonomic Worksurfaces to the Core: (continued)

- **Align** the holes in the Worksurface Support with the holes in the underside of the Linear Worksurface and secure using thirty #10AB x 3/4” phillips pan head screws. *Reference figure 71.*
To assemble Ergonomic Worksurfaces to the Core: (continued)

- **Align** the mounting holes in the Johnson Controls Support Bracket with the holes in the underside of the Linear Worksurface and Worksurface Support and secure using six #10AB x 3/4” phillips pan head screws and two #10-24 x 3/8” phillips pan head screws. *Reference figure 72.*

⚠️ Before connecting power and operating the ergonomic worksurfaces, read the manual for lift controls and operation. Reference controls lift DL4 and CBD4 and DPIU. Also reference initialization sequence before operating ergonomic worksurfaces.
To assemble Core Skins: *(reference figure 73 & 74)*

- **Install** the Core Skins by engaging the hooks at the bottom of the skins with the slots in the base of the cores. Rotate the skins up and determine the location of the latches and strikes. Install the latches and panel clip retainers in the square holes or slots in the tops of the cores and then install the catches in the appropriate square holes in the Core Skins. Snap the strikes into the latches. *Reference figures 73 & 74.*

Note: Plastic door latches and strikes must be assembled to the cores and Core Skins before the skins can be attached to the cores.
Notes: Worksurfaces should be installed last. This provides easy access to Core/Walls. For Double Sided configurations, repeat the following sequences for the opposite side of the unit.

To assemble Worksurfaces to Profile (linear configurations): Reference figures 75 & 76.

- **Attach** a Mid Support Bracket to the Core/Wall with two #10-24 x 1/2” phillips flat head thread forming screws as shown in figure 75a.
Worksurfaces:

- **Position** the Worksurface on the Uprights as shown in figure 76. Align the pilot holes in the bottom of the Worksurface with the holes in the Uprights and secure using the #10-32 x 3/4” phillips head wood screws provided.

  *Note: When linking two Worksurfaces together, a Tie Plate must be used. Secure using the #10-32 x 3/4” phillips head wood screws provided.*
To assemble Worksurfaces to Profile:

Wedge Top: Reference figures 77 & 78.

- Attach a Mid Support Bracket to the Core/Wall with two #10-24 x 1/2” phillips flat head thread forming screws as shown in figure 77a.

Note: Installation of worksurfaces should start by installing the center Wedge Top first and then out to the ends for proper/ease of alignment.
Position the Wedge Top as shown in figure 78a. Align the pilot holes in the bottom rear of the Wedge Top with the holes in the Mid Support Bracket and secure using the #10-32 x 3/4” phillips head wood screws provided.

Link the Worksurfaces to the Wedge Top with two Tie Plates using the #10-32 x 3/4” phillips head wood screws provided. Reference figure 78a.
Note: The Core/Wall Skins are designed to be removable for easy access to the Core/Wall interior.

**To attach Core/Wall Skins:** Reference figure 79.

- **Install** the Core Skins and Wall Skins by engaging the hooks at the bottom of the skins with the slots in the base of the Core/Walls and FPD Walls. Rotate the skins up to snap the clips into the catches. *Reference figure 79.*
To assemble Privacy Screen(s) to Profile units: Reference figures 80, 81, 82 & 83.

- **Position** a Privacy Screen as shown in figure 80 and fasten it to the Core and FPD Wall using two 1/4”-20 x 1/2” hex washer head screws.

Note: For Double Sided configurations, the following sequence is the same for both right hand and left hand screens.
• **Position** a Filler Panel as shown in figure 81. Align the holes in the Filler Panel with the oval shaped holes in the Core and FPD Wall and fasten using four 1/4"-20 x 1/2” hex washer head screws.

• **Repeat** this process to install a Privacy Screen and Filler Panel to the opposite end of the unit, if necessary. *Reference figure 81a.*

Note: For Double Sided configurations, refer to figure 81a.
- **Assemble** the Top Cap Trim to the top of the Privacy Screen and Filler panel using two #10 x 1/2" phillips flat head screws. *Reference figure 82.*
- **Repeat** this process for the opposite end of the unit if necessary.

*Note: For Double Sided configurations, refer to figure 82a.*
Note: It is important to secure Privacy Screens to Uprights to prevent damage to Screen.

- **Secure** the front of the Privacy Screen to an Upright. First remove the “knock-out” located on the inside of the Upright. Insert a #10-32 x 3/4” phillips pan head wood screw thru the hole in the Upright and into the mating hole in the Privacy Screen. *Reference figure 83a.*
- **Repeat** this process for the opposite end of the unit if necessary.
To attach Vertical End and Transitional Wall Trim to Profile: Reference figures 84 & 85.

- Attach the Vertical Trim to the end of the unit by inserting the studs on the Vertical Trim into the holes in the Core/Wall and PDF Wall. Secure with two 1/4"-20 hex kep nuts. Reference figure 84.
For Transitional Wall Trim:

- **Insert** studs in Transition Wall Trim with holes in FPD Wall. Magnetic strips on Wall Transition Trim will secure it to the FPD Wall. *Reference figure 85 & 85a.*
TRIM/PANELS ASSEMBLY

Note: The Top Trim is designed to be removable for easy access to the Core/Wall interior.

To install the Top Trim: Reference figure 86.

- **Install** Grabber Latches to both ends of the FPD Wall (Note orientation of latches when installing). Reference figure 86.
- **Align** the Top Trim with the top of the unit as shown and engage Grabber Latches.
Note: The Cable Access Panels are designed to be removable for easy access to the Core/Wall interior.

To install the Cable Access Panels: Reference figures 87 & 87a.

- **Install** the Cable Access Panels by engaging the top flange of the panel under the Slatwall and rotating down, inserting the clips into the catches. *Reference figure 87 and 87a.*
To assemble the 24” Desktop Modular Rackmount: (reference figures 88, 89, 90, 91)

- **Install** two End Filler Panels to the back of the Desktop Modular Rackmount Unit using four #8AB x 1/2” phillips pan head screws. *Reference figure 88.*
- **Position** the rackmount unit against the 48” FPD wall. *Reference figures 89 & 91.*
- **Slide** two Mounting Brackets into the two slots on the back of the unit. *Reference figures 90 and 90a.*
- **Align** the holes in Mounting Brackets with the holes on the top of the 16”H modular wall and secure using two #10-24 x 3/8” phillips pan head screws.  *Reference figures 91 & 91a.*
- **Secure** the Filler Panels to the inside of the FPD wall using two #10-24 x 3/8” phillips pan head screws.  *Reference figure 91b.*
To assemble the 36" Desktop Modular Rackmount: *(reference figures 92, 93, 94, 95, 96, 97 & 98)*

- **Install** a Filler Panel to the back of the Desktop Modular Rackmount Unit using two #8AB x 1/2" phillips pan head screws. *Reference figure 92.*
- **Install** a Support Bracket to the back of the unit using two #8AB x 1/2" phillips pan head screws. *Reference figure 92.*
- **Position** the rackmount unit against the 16” high modular wall. (Note: Remove Vertical Divider before installing unit. *Reference figure 93.*
- **Slide** two Mounting Brackets into the two slots on the back of the unit. *Reference figures 94 & 94a.*
- **Align** the holes in Mounting Brackets with the holes on the top of the 16” high modular wall and secure using two #10-24 x 3/8” phillips pan head screws. *Reference figures 95 & 95a.*
- **Secure** the Filler Panel to the inside of the 16” high modular wall using one #10-24 x 3/8” phillips pan head screw. *Reference figure 95b.*
- **Install** four door latches and panel clip retainers in the appropriate square holes or slots in the 16”H modular wall. *Reference figure 96.*
- **Install** four door strikes in the square holes in the Full Height Panel. *Reference figure 97.*
- **Install** the Full Height Panel by snapping the strikes into the latches. *Reference figure 98.*
Note: Exhaust fans can be installed in multiple locations within wall(s); typically within the uppermost wall. They can also be installed within multiple tiers.

To install exhaust fans into uppermost tier walls: Reference figures 99 & 99a.

- **Install** an Exhaust Fan to the top of the FPD Wall using two #10-32 x 3/8” phillips pan head thread forming screws as shown in figure 99a.
To install an exhaust fan to a mid-tier Wall: *Reference figures 100 & 100a.*

- **Install** an Exhaust Fan to the top of the FPD Wall using two #10-32 x 3/8” phillips pan head thread forming screws as shown in figure 100a.
To install Power Accessories: Reference figure 101 & 102.

- **Remove** Tie Plates to gain un-obstructed access to the Core/FPD Wall Raceways. Set aside and replace after Power Accessories are in place.
  
  *Note: It is very important to replace the Tie Plates to maintain Slat Wall and Monitor Arm stability.*

- **Install** Power accessories into built-in raceways within the Core(s) and FPD Wall(s).
  
  *Note: Side-by-side and center installation configuration options in figure 102.*
To install Echo Lamp brackets onto Slatwalls: *Reference figures 103, 103a, & 103b.*

- **Install** an Echo Lamp bracket onto the Slatwall as shown in figures 103 & 103a. Install a #10-24 x 3/8” phillips pan head thread forming screw into the bottom of the bracket to lock it in place.
- **Install** the lamp holder (included with Echo lamp) as shown in figure 103b.
The following pages show how to attach the **Flat Panel Display Arms** to the Slat Walls.
INSTALLATION INSTRUCTIONS

Wall and Pole Mounted,
Static and Swing Arm Mounts

CHIEF
MSPWL SERIES
DISCLAIMER

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IMPORTANT WARNINGS AND CAUTIONS!

**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:** 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 between the supporting structure and mount does not exceed the weights specified for each model in the following table.

### Maximum Capacity By Model

<table>
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<tr>
<th>MODEL</th>
<th>Max Weight LBS</th>
<th>Max Weight KG</th>
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</thead>
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<tr>
<td>WL1</td>
<td>30 LBS</td>
<td>13.61 kg</td>
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<tr>
<td>WL2</td>
<td>33 LBS (16.5 per side)</td>
<td>15 kg (7.48 per side)</td>
</tr>
<tr>
<td>WL3</td>
<td>40 LBS</td>
<td>18.14 kg</td>
</tr>
<tr>
<td>WL4</td>
<td>33 LBS (16.5 per monitor)</td>
<td>15 kg (7.48 per monitor)</td>
</tr>
<tr>
<td>WL5</td>
<td>35 LBS</td>
<td>15.87 kg</td>
</tr>
<tr>
<td>WL6</td>
<td>70 LBS (35 per monitor)</td>
<td>31.75 kg (15.87 per monitor)</td>
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<tr>
<td>WL7</td>
<td>33 LBS (16.5 per monitor)</td>
<td>15 kg (7.48 per monitor)</td>
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<tr>
<td>WL8</td>
<td>33 LBS (16.5 per monitor)</td>
<td>15 kg (7.48 per monitor)</td>
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<tr>
<td>WL9</td>
<td>25 LBS</td>
<td>11.34 kg</td>
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<tr>
<td>WL10</td>
<td>40 LBS (20 per monitor)</td>
<td>18.14 kg (9.10 per monitor)</td>
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For additional information pertaining to available accessories contact a Chief Customer Service representative.

**Dimensions**

Detailed technical drawings for all models can be obtained by contacting a Chief Customer Service Representative.
# Installation Instructions

## MSPWL SERIES

### LEGEND

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<th>Pencil Mark</th>
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<tr>
<td>Apretar elemento de fijación</td>
<td>Marcado con lápiz</td>
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<tr>
<td>Befestigungsteil festziehen</td>
<td>Marcado con lápiz</td>
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<td>Segno a matita</td>
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<td>Serrare il fissaggio</td>
<td>Potloodmerkteken</td>
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<td>Bevestiging vastdraaien</td>
<td>Marquage au crayon</td>
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<td>Allentare il fissaggio</td>
<td>Praticare un foro</td>
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<tr>
<td>Bevestiging losdraaien</td>
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<td>Desserrez les fixations</td>
<td>Percez un trou</td>
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<td>Kreuzschlitzschraubendreher</td>
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<th>Remove</th>
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<td>Quitar</td>
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<td>Gabelschlüssel</td>
<td>Entfernen</td>
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<tr>
<td>Chave de bocas</td>
<td>Remover</td>
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<td>Clé à tête hexagonale</td>
<td>Clé de sécurité</td>
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TOOLS REQUIRED FOR INSTALLATION

1/2"  9/16"

1/8"  3/16"  5/32" (Provided)

PARTS

AA(1) BB(2) CC(2) DD(4) EE(2) FF(2) GG(2) HH(2)

M1 M2 M3 M4 M5

.320 x .563 x .018" UHMW

1/8" (Provided)  3/16" (Provided)  5/32" (Provided)

1/2"
PARTS (CONTINUED)

Carefully inspect components for shipping damage. If damage is apparent, call your carrier claims agent and do not continue with installation until the carrier has reviewed the damage.

Table 1: Parts

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<th>DESCRIPTION</th>
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<td>Plate, Wall, Dual Swing Arm Mounting</td>
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</tr>
<tr>
<td>AA</td>
<td>Arm Assembly, Swing Arm, Height Adjustable</td>
<td>- - - - - - - - - 1 - - - - - - -</td>
</tr>
<tr>
<td>BB</td>
<td>Arm Assembly, Dual Swing Arm, Height Adjustable</td>
<td>- - - - - - - - - - - - - - - -</td>
</tr>
<tr>
<td>CC</td>
<td>Screw, Button head cap</td>
<td>- - - - - - - - - - - - - - - -</td>
</tr>
<tr>
<td>DD</td>
<td>Washer, Flat, .320 x .563 x .018</td>
<td>- - - - - - - - - - - - - - - -</td>
</tr>
<tr>
<td>EE</td>
<td>Washer, Flat</td>
<td>- - - - - - - - - - - - - - - -</td>
</tr>
<tr>
<td>FF</td>
<td>Washer Flat, UHMW</td>
<td>- - - - - - - - - - - - - - - -</td>
</tr>
<tr>
<td>GG</td>
<td>Pin, Pivot</td>
<td>- - - - - - - - - - - - - - - -</td>
</tr>
<tr>
<td>HH</td>
<td>Nut, Hex, 5/16-18</td>
<td>- - - - - - - - - - - - - - - -</td>
</tr>
</tbody>
</table>
**INSTALLATION**

**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.

**Wall Mount Installation**
(Applies to Models WL1, WL2, WL3, and WL4, WL9 and WL10)

1. Verify mounting brackets on wall bracket (J) can move freely. (See Figure 1)

   ![Figure 1](image1)

2. Locate desired installation location and slide upper mounting plate into wall making sure bracket is seated in channel bottom. (See Figure 2)

   ![Figure 2](image2)

3. Let lower mounting plate rest against wall.

4. Using 1/2" socket, tighten tension hex head bolt until lower mounting plate slides into channel in wall and continue tightening until resistance is felt. (See Figure 2)

   ![Figure 3](image3)

5. Tighten two upper and lower button head cap screws to secure wall bracket (J) to wall. (See Figure 3)

   ![Figure 4](image4)

6. Insert top of mount (F, G, H, Y, AA) over lip on top of wall bracket (J). (See Figure 4)

   ![Figure 5](image5)

7. Swing mount (F, G, H, Y, AA) down flush against wall bracket (J). (See Figure 5)
8. Tighten set screw using 5/32" hex key. (See Figure 6)

⚠️ **CAUTION:** IMPROPER INSTALLATION CAN LEAD TO DISPLAY FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Make sure set screw engages back side of mounting dish on wall bracket (J). (See Figure 6)

---

**Figure 5**

---

**Figure 6**

**Dual Swing Arm Installation (Model WL10 Only)**

1. Insert pivot pin (GG) into Y-connector upper bore.
2. Install spacer (EE). (See Figure 7)
3. Insert arm assembly (BB) on pivot pin (GG).
4. While holding nut (HH) in lower bore of Y-connector, insert screw (CC) through washers (DD), UHMW washer (FF), arm assembly (BB), spacer (EE) and Y-connector, into nut (HH). (See Figure 7)
5. Loosely install screw (CC) using 3/16" hex key.
6. Repeat Steps 1. through 5. for second swing arm assembly (BB).

---

**Figure 7**
Pole Mount Installation
(Appplies to Models WL5, WL6, WL7, and WL8)

IMPORTANT !: If the display being installed has a recessed mounting surface, the display must be assembled to the mount prior to mount installation. See Display Installation in this document before proceeding.

|
| WARNING: ELECTRICAL SHOCK HAZARD! Drilling into electrical wires and cables can cause DEATH or SERIOUS PERSONAL INJURY! ALWAYS make certain area behind mounting surface is free of electrical wires and cables before drilling.

|
| WARNING: EXPLOSION AND FIRE HAZARD! Drilling into gas plumbing can cause DEATH or SERIOUS PERSONAL INJURY! ALWAYS make certain area behind mounting surfaces is free of gas, water, waste, or any other plumbing before drilling.

1. Determine approximate location for mount keeping in mind display size, extension, height adjustment (if applicable), and pitch/roll requirements.
2. Mark installation location and drill one .400" - 1.00" dia. pilot hole through mounting surface. (See Figure 8)
3. Position grommet mounting bracket (Q) underneath mounting surface and grommet (P) on top of mounting surface and align mounting holes with pilot hole. (See Figure 8)
4. Align mounting hole in bottom of pole (S or T) with mounting hole in grommet (P) and secure to mounting surface using one 3/8" x 6" hex head bolt (V). (See Figure 8)

5. Place mount (K or L) against pole (S or T), with back clamp (N) on opposite side of pole (K or L). (See Figure 9)
6. Loosely assemble mount (K or L) to back clamp (N) using 5/32" hex wrench (D) and three screws (U). (See Figure 9)

NOTE: Equally tighten screws (U) against mount (K or L) and the back clamp (N). (See Figure 10)

DISPLAY INSTALLATION
The mounting holes on the back of the display will be flush with the back surface, or recessed into the back. Refer to the applicable installation procedure below.

Swing Arm Flush Display Installation

|
| CAUTION: IMPROPER INSTALLATION CAN LEAD TO DISPLAY FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Using screws of improper size may damage your display! Proper screws will easily and completely thread into display mounting holes.
**CAUTION:** IMPROPER INSTALLATION CAN LEAD TO DISPLAY FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Inadequate thread engagement in display may cause display to fall! Back out screws ONLY as necessary to allow installation of Centris bracket!

1. Ensure Centris cup is able to swivel and tilt easily, yet still be tight enough to hold display in desired position. Adjust as required before proceeding. See "ADJUSTMENT" for detail.

2. Using Phillips screwdriver, carefully install two screws (M1) into the upper mounting holes on the display. Thread screws completely into display, then back out 3 complete turns.

3. Align two screws (M1) (installed on the back of the display in the previous step) with the two top teardrop mounting holes on the Centris cup.

**CAUTION:** IMPROPER INSTALLATION CAN LEAD TO DISPLAY FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Smaller area of teardrop mounting holes must be facing downward for proper installation. Reposition Centris cup if required.

4. Using Phillips screwdriver, install two screws (M1) through the lower mounting holes in Centris cup into the display.

5. Tighten all screws (M1). Do not overtighten!

**Swing Arm Recessed Display Installation**

1. Ensure Centris bracket is able to swivel and tilt easily, yet still be tight enough to hold display in desired position. Adjust as required before proceeding. See "ADJUSTMENT" for detail.

2. Carefully place display face down on a clean and dry surface.

3. Determine depth of recessed mounting holes relative to back surface of display.

4. Select proper length spacer and screw from table below:

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

<table>
<thead>
<tr>
<th>Recess Depth</th>
<th>Spacers</th>
<th>Screws</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot; or less</td>
<td>M4</td>
<td>M2 (M4 x 20mm)</td>
</tr>
<tr>
<td>More than 3/8&quot; up to and including 3/4&quot;</td>
<td>M5</td>
<td>M3 (M4 x 30mm)</td>
</tr>
</tbody>
</table>

5. Place the four (M4 or M5) spacers over each mounting hole on the back of display. (See Figure 13)

6. Orient mount so that mounting holes in the Centris cup are aligned with the holes in the spacers (M4 or M5); rotate the Centris cup as required (See Figure 13).

**CAUTION:** IMPROPER INSTALLATION CAN LEAD TO DISPLAY FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Using screws of improper size may damage your display! Proper screws will easily and completely thread into display mounting holes.

7. Using Phillips screwdriver, install four screws (M2 or M3) through the mounting holes in Centris cup, through the spacers (M4 or M5), into display (See Figure 13):

8. Tighten all four screws. Do not overtighten!

9. Return to appropriate mount installation section to continue.
Array Flush and Recessed Display Installation

**CAUTION:** IMPROPER INSTALLATION CAN LEAD TO DISPLAY FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Using screws of improper size may damage your display! Proper screws will easily and completely thread into display mounting holes.

**CAUTION:** IMPROPER INSTALLATION CAN LEAD TO DISPLAY FALLING CAUSING SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Inadequate thread engagement in display may cause display to fall! Back out screws ONLY as necessary to allow installation of Centris bracket!

1. Place display face down on a clean dry surface.
2. If display being installed has a recessed mounting surface place one 3/8" or 3/4" nylon spacers (M4 or M5) over each of the four mounting holes in display back (See Figure 14).
3. Align Centris cup mounting holes on Centris head assembly (E) with four nylon spacers (M4 or M5) (See Figure 14).
4. Secure Centris head assembly (E) to display using four screws (M1, M2 or M3). M2 and M3 are used with M4 and M5 spacers. (See Figure 14).

5. Slide display with Centris assembly (E) onto array rail. (See Figure 15)
6. Repeat previous steps for each additional display.
7. Install end lock (W2) into square nut (W4) in mounting rail using the 5/32" hex wrench (D). (See Figure 16)
Cable Management

Swing Arm Models WL1, WL2, WL3, WL4, WL7, WL8

Option A
1. Connect cables to display.
2. Route cables through cable management clips on array rail and down towards swing arm.
3. Route cables underneath swing arms.
4. Secure cable management covers (W1) to swing arms using two screws (W3) per cover.

Option B
1. Connect cables to display.
2. Route cables through cable management clips on array rail and down towards swing arm.
3. Place two cable management covers (W1) upward into swing arms and secure to swing arms using cable clips (W5) and two screws (W3) per cover.
4. Slide cable ties (W6) between cable clips (W5) and cable covers (W1) and route cable under arms.
5. Secure cables to arms by closing cable ties (W6).
Swing Arm Models WL9, WL10

1. Attach all cables to display.
2. Open the cable management bracket by sliding it towards the edge of the arm (See Figure 21).

**NOTE:** If necessary, cable management bracket attach screws may be loosened using hex key.

3. Carefully insert cables into bracket (See Figure 22).

4. Close cable management bracket by sliding it back towards the centerline of the arm (See Figure 21).

**NOTE:** If necessary, cable management bracket attach screws may be tightened using hex key.

5. Carefully insert cables in cavity located in lower portion of mount arm (See Figure 23).

6. Using Phillips screwdriver, install cover (W1) with two screws (W3).

7. Repeat cable management procedures for second display.

Pole Mount Models

1. Connect cables to display.
2. Route cables through cable management clips on array rail and down pole using sheath (R). (See Figure 24)

Adjustments

**Centris Head Tension Adjustment**

1. If previously attached, disconnect cables from display, remove display.
2. Using Phillips screwdriver, slightly loosen or tighten the adjustment screw as necessary (See Figure 25).
3. Reinstall display. See Display Installation in this document.

**Display Adjustment**

**Lateral position on display:**

1. Using your fingers, slightly loosen adjustment knob "A". (See Figure 26)
2. Slide display to desired position.
3. Using your fingers, tighten adjustment knob "A". (See Figure 26)

**PITCH / YAW / ROLL Tension**

1. Using your fingers, slightly loosen adjustment knob "B". (See Figure 26)
2. Adjust display as desired.
3. Using your fingers, tighten adjustment knob "B".

**Swing Arm Tension**

1. Using 3/16” hex wrench (C), loosen or tighten adjustment screw(s) as necessary (See Figure 27).