CAROLINA SIM WORKS

M1 Integrated Monitor Mount

M1 Integrated Monitor Assembly Instructions

Tools Needed: M8 Allen Wrench, 13MM Adjustable Wrench.

1. **Unwrap all components** and lay out on a flat surface

2. **Attach Horizontal Standoffs**

Parts: (2) 12" long 15/30 Extrusion, (4) Angle Brackets

Insert (2) T-Nuts, in the front of a Steering Uprights and (2) T-Nuts one on each side of the 12" long 15/30 Extrusion. Use (4) M8x16 SHCS & (2) Angle Brackets to attach to the front of Steering Uprights.

Repeat on other side

3. **Attach Monitor Uprights**

Parts: (2) 17" long 15/30 Extrusion, (4) Angle Brackets

Insert (2) T-Nuts, in the top of the **Horizontal Standoffs** and (2) T-Nuts one on each side of the 17" long 15/30 Extrusion. Use (4) M8x16 SHCS & (2) Angle Brackets to vertically attach the Monitor Uprights.

Repeat on other side

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4. Attach Monitor Plate to the Monitor Uprights

Parts: (2) Monitor Plates – position plate with small arrow pointing UP.

Insert (4) T-Nuts, in the back of the Monitor Uprights. Use (4) M8x20 and (4) washers to attach the monitor Plate.

Repeat on other side.

5. Attach Center Monitor Bar

Parts: TRIPLE Monitor Mount: (1) 47" long 15/15 extrusion

   Single Monitor Mount: (1) 35" long 15/15 extrusion

Insert (8) T-Nuts, in the Center Monitor Bar, (4) on each side. back of the Monitor Uprights; (4) on the right and (4) on the left. Hold Center Monitor bar up to monitor plates. Use (8) M8x20 and (8) washers to LOOSLY attach the monitor Plate.

Center Monitor Bar and tighten.

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6. **Attach Side Arms (skip this step for Integrated Single Mount)**

Parts: 4 Swivel Brackets, (2) 23" 15/15 Extrusion Side Arms

Insert (4) T-Nuts, in the Center Monitor Bar, (2) t-nuts on top and (2) t-nuts on bottom. Position the swivel cutout to the back of the rig and use (4) M8x16 SHCS and (4) washers to attach (2) Swivel Brackets on the top and bottom.

Insert (4) T-Nuts, in the side arm; (2) t-nuts on top and (2) t-nuts on bottom. Position the side arm inside the (2) previously mounted swivel brackets and use (4) M8x16 SHCS and (4) washers to attach (2) Swivel Brackets on the top and bottom. Check to make sure that the swivel cutout is will allow side arms to pivot.

Repeat on other side.

7. **Attach CSW Plates to Monitors**

Parts: TRIPLE Monitor Mount: (3) CSW Plates

Single Monitor Mount: (1) CSW Plates

Refer to your monitor manual for guidance on how to remove back panel or existing mounts and use (4) standoffs and (4) M4 bolts to attach the CSW Plates to the monitor.

Insert (2) t-nuts in the center of the monitor bar.

USE another person (that you trust) to hold the monitor steady and use (2) M8x16 SHCS to attach the CSW Plate to the Center Monitor bar.

For Triple Mount: Repeat on both side arms

8. **Tap in all end caps and angle bracket cover**s to finish off the edges.

Questions??? Angela@carolinasimworks.com   ENJOY!

3