

Triple Monitor Mount Stand

2nd Generation

Assembly

And

Add-on Accessories



Assembly instruction manuals available at:

V5.4NH 032725

<https://simfab.com/assembly-manuals/>

by **SimFab[®]**

WARNINGS:



Proceed with caution and extra attention when warning signs are present during installation instructions manual.



Congratulations on your new SimFab monitor mount stand.

For more detailed information of all the features and endless racing, and flight simulation possibilities you can visit our official website at www.SimFab.com

Keep checking our online store for great gaming and sim racing deals, and offers.

Best regards,

Team HomeRacer

Made by enthusiasts for enthusiasts.



If your item is damaged, defective or missing parts, please contact us first directly at Email: info@SimFab.com or Toll Free: **1-888-299-2746**

As the manufacturer, our knowledge of your new product ensures that we will be able to assist you promptly and accurately.

For invoices and other price information, please refer to your market place account for more details. Alternatively, you can always email us at info@SimFab.com

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⚠ Difference between montior (LD) and TV (HD) stand is TV stand has longer swing arms for wider frame spread, and side support legs for heavier weight support.

Explore the Ultimate in Simulation with SimFab: Where Innovation Meets Immersion

At SimFab, we're redefining the world of simulation with our cutting-edge Modular Racing and Flight Sim Concepts and Designs.

Dive into an unparalleled realm of fidelity, realism, and immersion with our bespoke cockpits, meticulously crafted to mirror the intricate layouts of real aircraft and race cars.

We prioritize your comfort, offering modular, fully compatible setups that adapt seamlessly to all major brands and control makers. Starting with affordable yet uncompromised quality base models, our products cater to both novice pilots eager to explore flight simulation and seasoned racers seeking upgradeable, interchangeable designs for a tailored experience.

Join us on a journey where every detail is designed with precision, ensuring a simulation experience that's as thrilling as it is authentic.



SimFab introduces several base models as follows:

Combat sim modular flight cockpit, **DCS World edition**

General aviation modular flight cockpit, **Trainer edition**

Civil aviation modular cockpit, **MSFS edition**

Civil, combat and space sim modular cockpit, **Hybrid edition**

Civil or combat sim modular cockpit, **Rotor-craft edition**

The SimFab modular flight sim trainer station is a state-of-the-art training system designed to optimize cognitive memory and provide full compatibility with high-end flight simulation controls. It offers precise user adjustment options and the ability to hot swap between panels and controls for a customizable and efficient training experience.



DCS edition



Trainer edition

Base package combines several flight sim add-on modules. For compatibility refer to flight sim add-on kit configurations #2, #4, #6



MSFS edition

Base package combines several flight sim add-on modules. For compatibility refer to flight sim add-on kit configurations #4, #5



Hybrid edition

Base package combines several flight sim add-on modules. For compatibility refer to flight sim add-on kit configuration #1

Triple monitor mount stand, brief introduction



Read assembly manual booklet carefully to avoid assembly difficulties and to understand specific adjustment, and alignment procedure.

⚠ Team of two persons during assembly and adjustment is highly recommended.

⚠ Beware of heavy metal parts with hinges where fingers can be pinched. Proceed with extra caution to avoid injuries.

Monitor/TV mount VESA mounting bracket kit is offered in LD (light duty) and HD (heavy duty) versions.

Light Duty brackets are suitable for all monitors with VESA mounting pattern up to 100x100mm or M4/M5 mounting hardware.

Generally monitors with 75x75mm or 100x100mm VESA mount pattern are all 24", 27", 32", 34", 38", 39" curved/flat screens and all ultra wides: 39", 49".

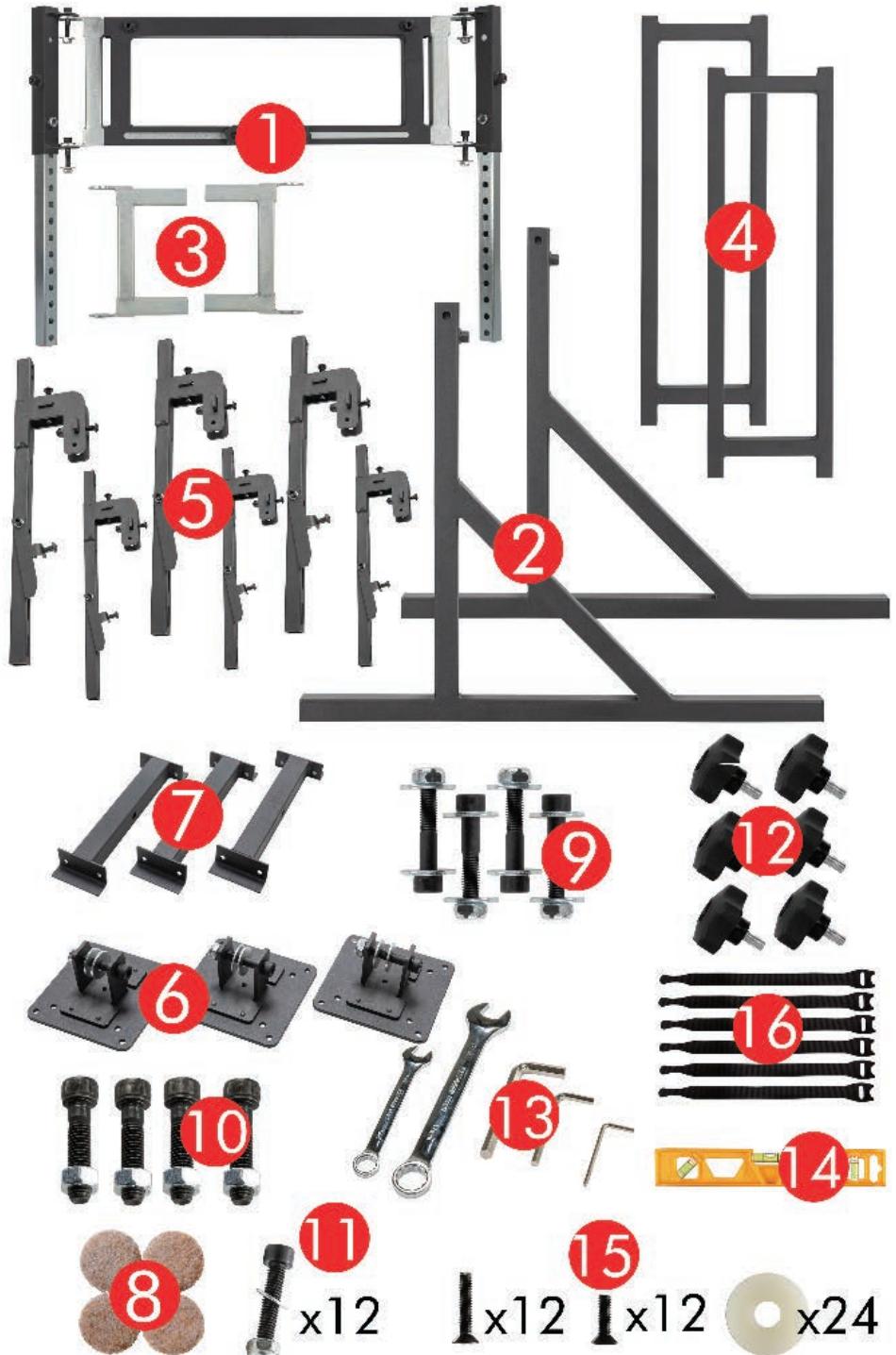
Heavy duty brackets are suitable for all monitors and TVs with VESA mounting pattern: 100x200mm, 200x200mm, 200x400mm, 400x400mm, 400x600mm or M6/M8 mounting hardware.

Monitors and TVs with above VESA pattern are generally over 40" (except ultra wides which use 100x100mm pattern).

⚠ Ensure your monitors/TVs VESA mounting pattern and hardware are compatible with mounting brackets before installation.

Parts List

1. Center frame assembly
2. Center frame legs (2)
3. Short swing arms (2)
4. Side frames (2)
5. Adjustment bracket assembly (6)
6. Vesa plate assembly (3)
7. Vesa transition bracket (3)
8. Felt pads (4)
9. Hinge bolt set (8) ⚠ 4 are pre-mounted to main frame.
10. Pin bolt set (4) ⚠ 2 are pre-mounted to main frame
- ⚠ Pin bolts are used for safety and setting height. Pin bolts are hand tight.
Do not use wrench.
11. Vesa transition bracket assy to adjustment bracket assy hardware set:
bolts (12), washers (12), lock nuts (12)
12. Quick release knobs (4) ⚠ 2 are pre-mounted to main frame
Older design includes total of 8 knobs, current design replaces knobs with
set screws, reducing total quantity of knobs to 4. Assembly manual may
have discrepancy. All set screws are pre-mounted to frame.
13. Wrench set:
 - 17mm open wrench
 - 10mm open wrench
 - 8mm hex key
 - 5mm hex key
 - 3mm hex key
14. Level tool
15. Monitor mounting hardware and spacer washers
 - M4, 14mm bolts (12)
 - M4, 20mm bolts (12)
 - 2.5mm hex key
 - Plastic spacer washers: (24)
16. Velcro cable ties



Overhead or Submount Monitor Mount Bracket Kit

(Compatible with single and triple monitor stands **LD models**)

Monitor size limit up to 38" standard (flat or curved) screens and up to 49" ultra-wide. Maximum distance from top of center frame tube to center of overhead bracket VESA plate 12". If any clearance issues, please contact us. For dual setup with overhead and sub-mount monitors, order of two sets is required.



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bit.ly/sf-remotemonitor

Front Surround Speaker Tray Kit

(Compatible with both single and triple monitor stands)



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bit.ly/sf-frontsurround

Adjustment and alignment points

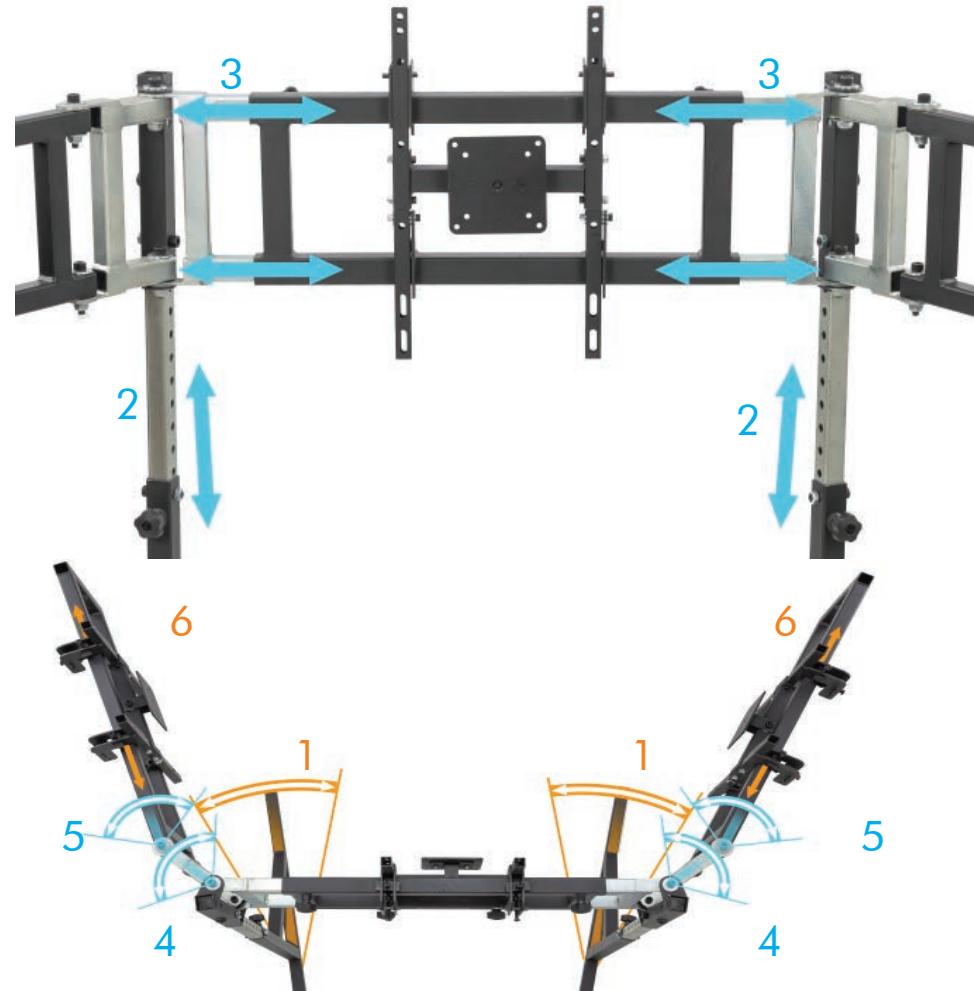
⚠ Familiarize yourself with all adjustment points as alignment will require repeated re-adjustment to achieve optimum results of seamless bezels joints between all monitors.

Center frame:

1. Legs stance
2. Vertical post height adjustment
3. Center frame extensions width adjustment

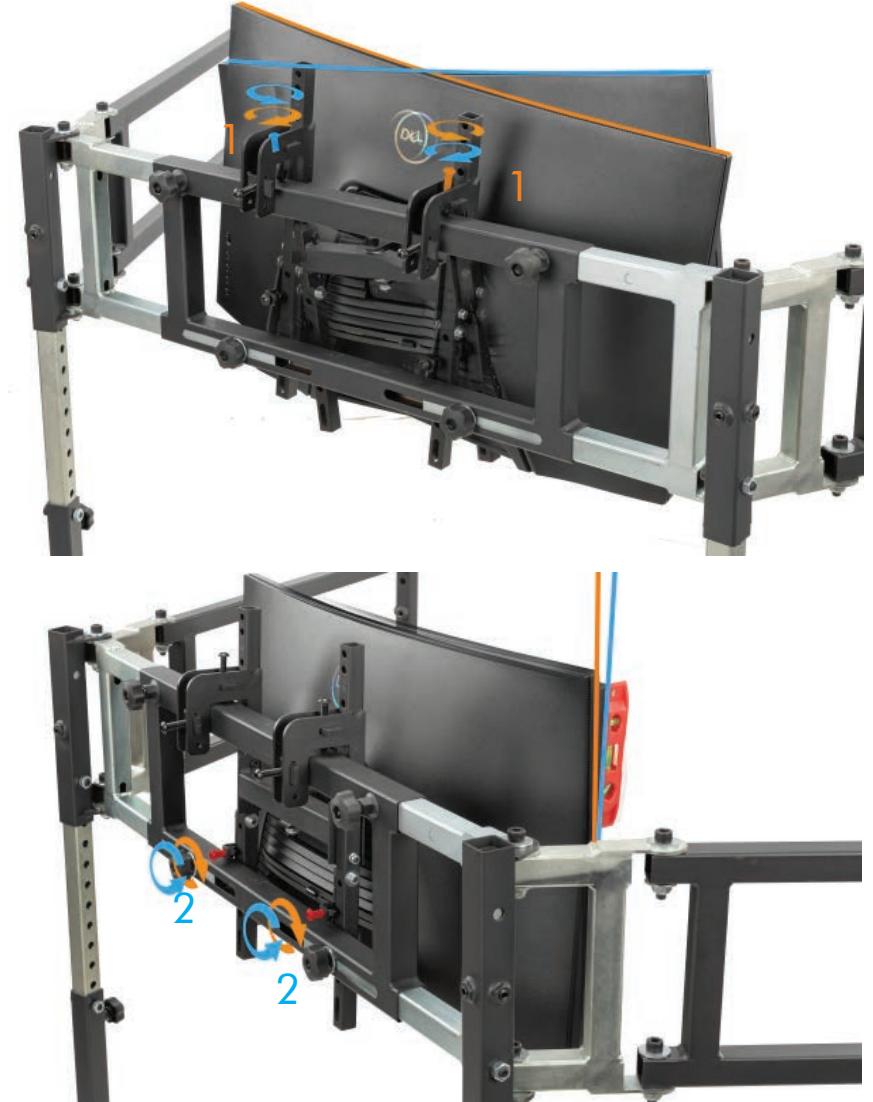
Side arms:

4. Short swing arms angle adjustment (required with curved or smaller monitors)
5. Side frames angle adjustment



VESA adjusters:

- ⚠** Turn bolts #1 equally to adjust screen height
Advance one bolt #1 over the other to adjust screen roll
Turn bolt #2 to adjust screen tilt. Ensure each pair of bolts are turned equally.
Turn bolt #3 to lock adjustment bracket to stand frame
Turn VESA pivot bracket to adjust screen angle.



Stand legs assembly

Attach felt pads on each end of stand leg. Approximately 1" from tube end.



⚠ Center frame installation and height adjustment according to cockpit setup is required prior proceeding with side frames and monitors installation.



Install leg to vertical adjustment post by using safety pin bolts **first** and quick release knob **second**. Choose same vertical adjustment hole on each side. Repeat process on both legs.

⚠ Ensure correct orientation. Rear side of leg matches rear side of frame.

⚠ Safety pin bolts and nuts are fastened **by hand**. Do not over tighten quick release knobs to avoid knob damage or stripping bolt inside plastic mold.

⚠ Keep pre-mounted hinging bolts installed until height adjustment of center frame is completed



Height adjustment

While re-adjusting height, install safety bolt and nut **first**, and quick release knob **second**.

⚠ Adjust vertical posts incrementally while monitors are removed, equally on each leg. Vertical adjuster has extra holes within center frame side hinges. Re-set holes for higher stand setting.



Center frame adjustment

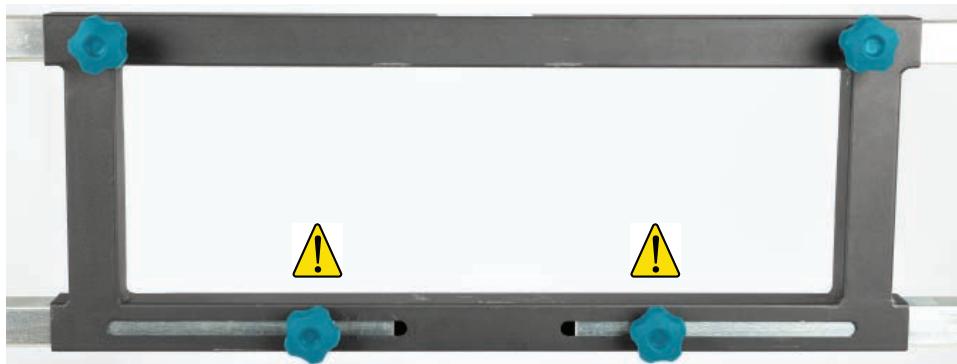
Adjust legs in slightly and equally spread out stance.

Adjust center frame extensions if necessary, equally on each side and tighten all knobs and set screws located on the back of main frame.



Tighten all four frame knobs. Do not over tighten quick release knobs to avoid knob damage or stripping bolt inside plastic mold.

⚠ Do not remove center frame extension quick release knobs.



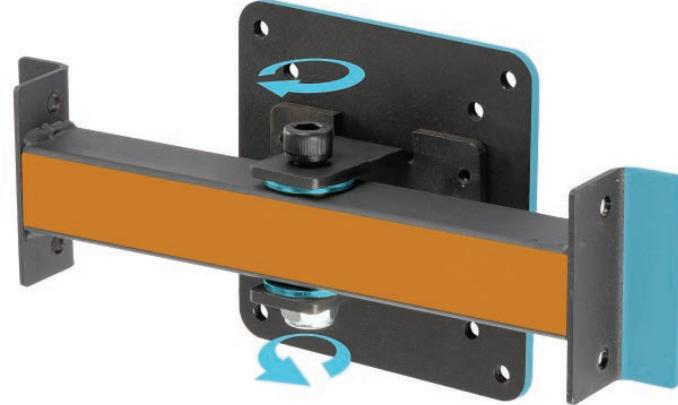
VESA adjuster installation

Install Vesa plate assembly to Vesa bracket.

⚠ Washers are installed on inside of pivot bracket tabs.

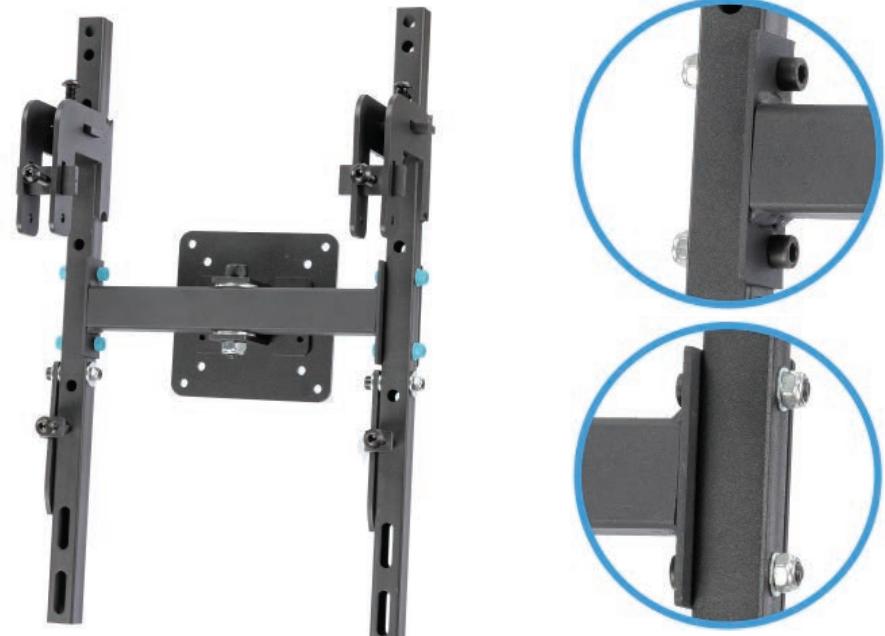
Tighten pivot bolt until pivoting tabs are snug, but not locked.

Ensure proper orientation as illustrated.



Install Vesa bracket assembly to adjuster brackets.

Ensure proper orientation and direction of bolts/nuts installation, and brackets as illustrated.





Lay down monitor upside down on a safe and scratch free surface.

Remove monitor factory stand and expose VESA mounting inserts.

⚠ Ensure bolts are not protruding internally of the monitor past threaded inserts. Test bolts by threading one all the way in, freely by hand, without VESA adjuster plate. Do the same test with plastic spacer washers if necessary.

If VESA mount monitor inserts are recessed into monitor back panel, limiting tilt adjustment, or bolts are too long, use one or two plastic spacers per bolt.

Do not over tighten small bolts holding VESA plate to monitor.

⚠ Included in the kit are several various size and length mounting hardware. Depending on brand/model monitors some specific hardware may not be included in the kit.



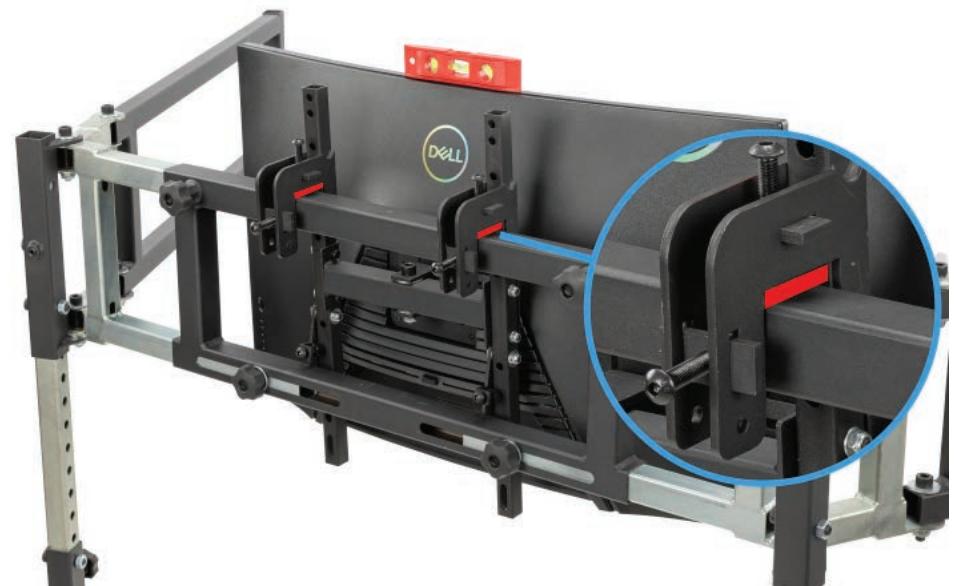
Mount monitor to frame

Temporary install center monitor and adjust height according to cockpit.

Hold monitor firmly to its front side or bracket and mount monitor bracket to frame.



Align center monitor to center of frame. Adjust tilt and roll square and plumb by using included level tool. Ensure Center TV is adjusted at lowest height position, however keep nylon nuts in contact with frame surface to avoid scratches from direct contact of brackets to frame.



Roll adjustment: place level on top monitor bezel and adjust bolts with Allen key until level bubble is centered.



Tilt adjustment: hold level on front/side monitor bezel and adjust bolts with Allen key until level bubble is centered.



Position monitor stand with lower side monitor edge close to racing wheel base. Re-adjust height where lower side monitor edge is slightly over racing wheel base.

Re-adjust monitor stand legs stance around cockpit. Ensure legs are always slightly spread out to each other.



Short swing arms and side frames installation

Remove center monitor and proceed with short swing arms installation.

Remove pre-mounted hinge bolts and install short swing arm.

⚠ Second person holding the frame and leg during the installation process is **highly** recommended.

Install side frame to short swing arm, by using included hinge bolts.

⚠ Tighten all 4 bolts per side until both short swing arm and side frame are firm but still swing out effortlessly.

Repeat same steps for opposite side.



Mount side monitors and slide them approximately half inch away from center monitor side bezels.

Adjust side monitor tilt until it matches center bezel. Make incremental and equal adjustment to both brackets.



Illustration below shows TV sets, however principle is the same for montiors



While keeping attention to parallel and height reference between side and center monitors, make incremental adjustments to side monitor height adjustment of each bracket until both bezels match in height and become parallel.

Slide side monitor towards center monitor until bezels touch.

Repeat process on opposite side.

Roughly adjust desired angle of side monitors and short swing arms forward if necessary (for smaller or curved monitors)



⚠ Both side monitors should have equal mirror-like alignment. If necessary return to initial side monitor and make fine incremental adjustments. Repeat process back and forth between monitors until perfect alignment between each side bezels is achieved.

⚠ For "bezel free" effect, side monitors bezel may be adjusted slightly behind center monitor bezels.



Specifications:

Recliner: max: 170 degrees

Construction: tubular steel frame with elastic strap supports

Seat Materials: high-density cold cure foam filling; Fabric, Steel chassis

Instructions during use and care:

Move simulator around with caution to avoid collision.

Keep out of direct sunlight and outdoor use.

Watch fingers when adjusting recliner.

Placing heavy or sharp objects on the seat may damage the surface material.

Do not use abrasive or chemically aggressive materials on the seat.

Use dry cloth or soft brush to clean the chair.

Dimensions:



Warranty Information

Return Policy

Terms And Conditions

<http://homeracer.com/ow-termsandconditions.html>

