

Triple Monitor Mount Stand

(TV Mounting Brackets)

And

Add-on Accessories



Assembly instruction manuals available at:

V2.7 042325

<https://simfab.com/webmanuals.html>

by **SimFab**.com

WARNINGS:



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



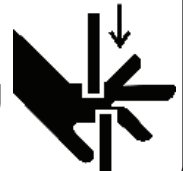
WARNING

Choking hazard, small parts. Not for children under 5 years old.



WARNING

Keep hands and fingers clear of pinching points, and hinging metal parts.



WARNING

Team assembly of two persons is recommended.




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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⚠ Depending on stand version, included in the package is either LD (light duty) adjuster VESA plate for monitors with VESA pattern of 75x75mm or 100x100mm and M4/M5 mounting hardware, or HD (heavy duty) mounting brackets set for monitors or TV sets with pattern 100x200mm, 200x200mm, 200x400mm or 400x400mm and M6/M8 mounting hardware.

SimFab Modular Flight Simulation Concept And Design Intent

SimFab offers wide range of dedicated and specialized flight simulation pits with high level of fidelity, realism and immersion. While all our pits, attachments and brackets are designed, replicating real aircrafts layout we take in consideration maximum comfort, modularity and full compatibility with all established brands and controls makers on the current market.

SimFab modular flight pit concept starts with several basic models covering the essentials at most affordable budget, without compromising in quality and craftsmanship.

Base models are suitable for flight sim pilots entering the air field of flight simulation and looking to give it a try at affordable cost. Each of our models has modular design, all upgradeable and interchangeable with one another, including sim racing setup.

Our base models are purposed for type of flight simulation as well as types of flight controls sharing similar attachment design.

SimFab introduces three base models as follows:

Civil aviation modular pit, **MSFS edition**.

Civil, combat and space sim modular pit, **hybrid edition**.

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



DCS edition

For compatibility refer to flight sim add-on kit configuration #2



Hybrid edition

For compatibility refer to flight sim add-on kit configuration #1



MSFS edition

For compatibility refer to flight sim add-on kit configuration #5

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".

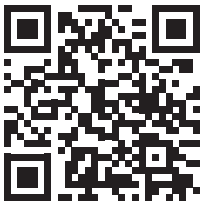
Heavy duty brackets are suitable for all monitors and TVs with VESA mounting pattern: 100x200mm, 200x200mm, 200x400mm, 400x400mm, 400x600mm or M6/M8 mounting hardware.

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.



SCAN TO ORDER



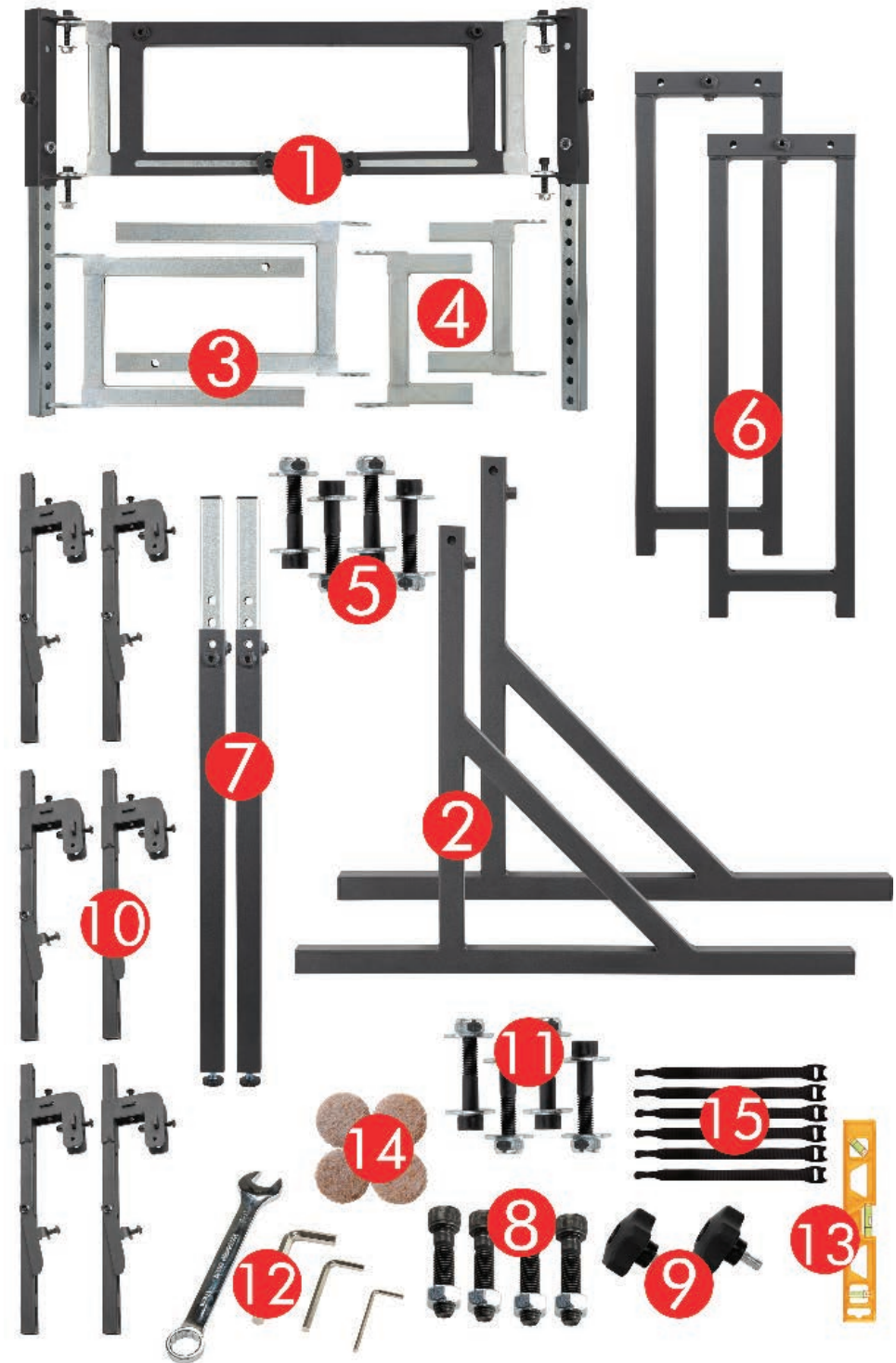
DD sim racing conversion kit

Convert your flight sim pit to sim racing setup
and hot swap between each setup in seconds

<https://bit.ly/dd-conversionkit>

Parts List

1. Center frame assembly (pre-assembled)
2. Legs (2)
3. Swing arms (2)
4. Optional short swing arms for wider 55in TVs (2)
5. Optional short swing arms hardware: 4 bolts, 8 washers, 4 nuts (pre-installed to short swing arms)
6. Side frames (2)
7. Side frame support legs (2)
8. Pin bolt set (8) ⚠ 4 are pre-mounted to main frame and side legs
9. Quick release knobs (4) ⚠ 2 are pre-mounted to main frame
10. HD monitor/TV bracket assembly (6)
11. Hinge bolt set (8) ⚠ 4 are pre-mounted to main frame.
12. Wrench set:
 - 17mm combo wrench
 - 8mm hex key
 - 5mm hex key
 - 3mm hex key
13. Level tool
14. Felt pads (4)
15. Velcro cable ties
16. Monitor mounting hardware and spacer washers (not illustrated)



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. Swing arms angle adjustment
5. Side frames angle adjustment

HD monitor/TV brackets adjustment:

A) Roll adjustment: turn either one of roll adjustment bolts.

⚠ Always keep mount bracket from contacting stand frame, by not turning bolts all the way up.

B) Tilt adjustment: turn in equally tilt up adjustment bolts

C) Forward compensation: turn in both bolts to move monitor/TV forward or backward. ⚠ Ensure tilt bolts are turned out all the way as starting point.

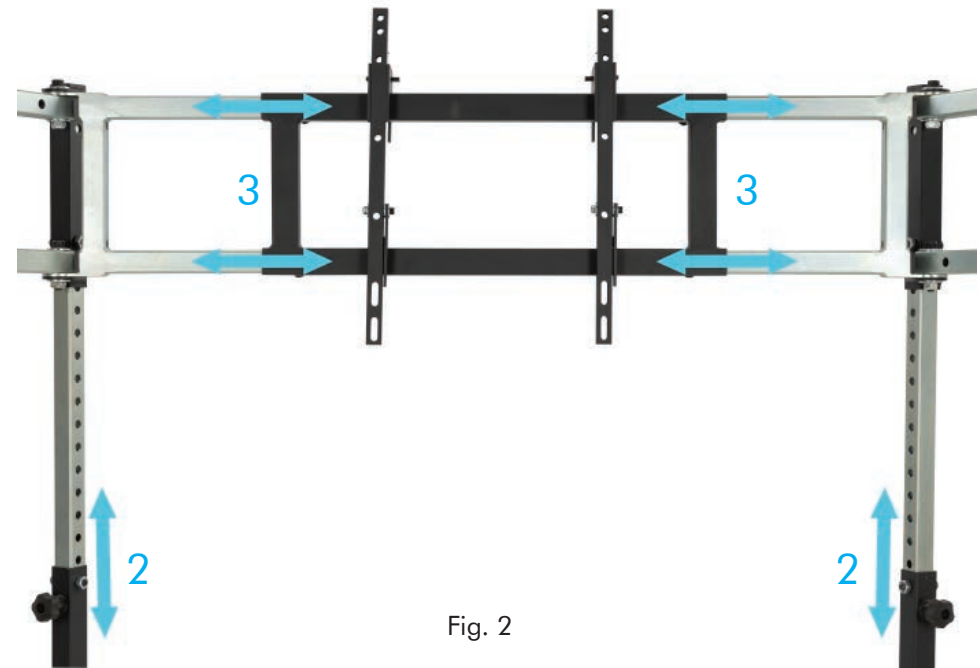
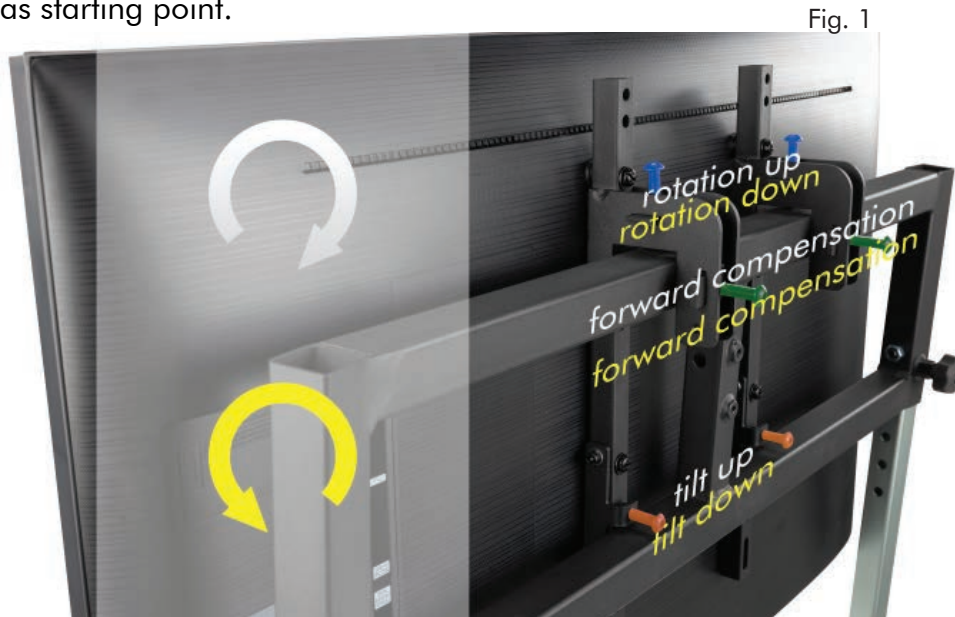


Fig. 2

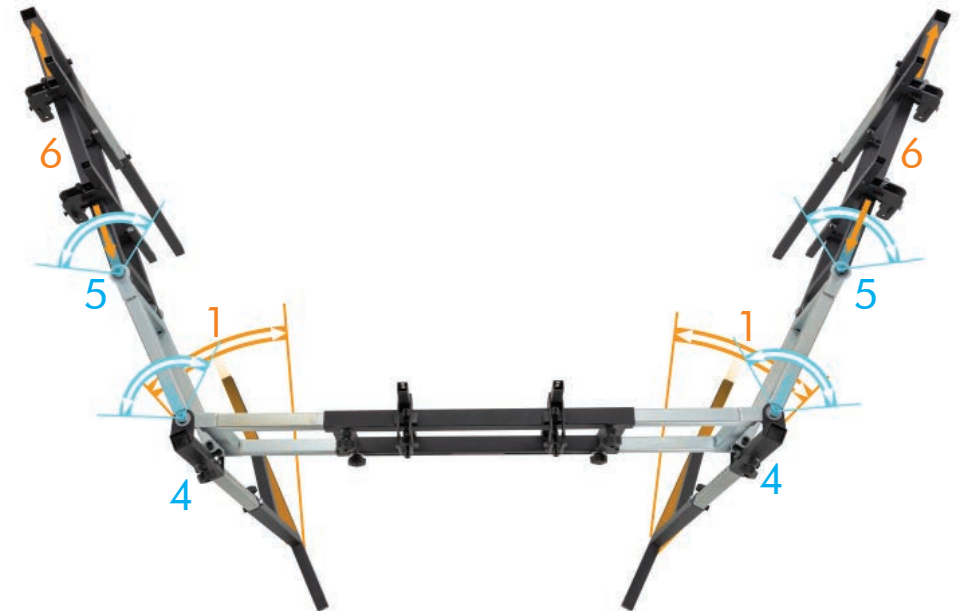


Fig. 3

Monitor/TV stand assembly

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



Fig. 4

Stand legs assembly

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



Fig. 5



Fig. 6

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

- ⚠ Ensure correct 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. Updated design has set screws pre-installed to welded nuts, replacing older design with knobs.
- ⚠ Keep pre-mounted hinging bolts installed until height adjustment of center frame is completed



Fig. 7

Height adjustment

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

- ⚠ Updated design has set screws pre-installed to welded nuts, replacing older design with knobs.
- ⚠ Adjust vertical posts incrementally, by counting equal visible holes on each leg while monitors are removed.

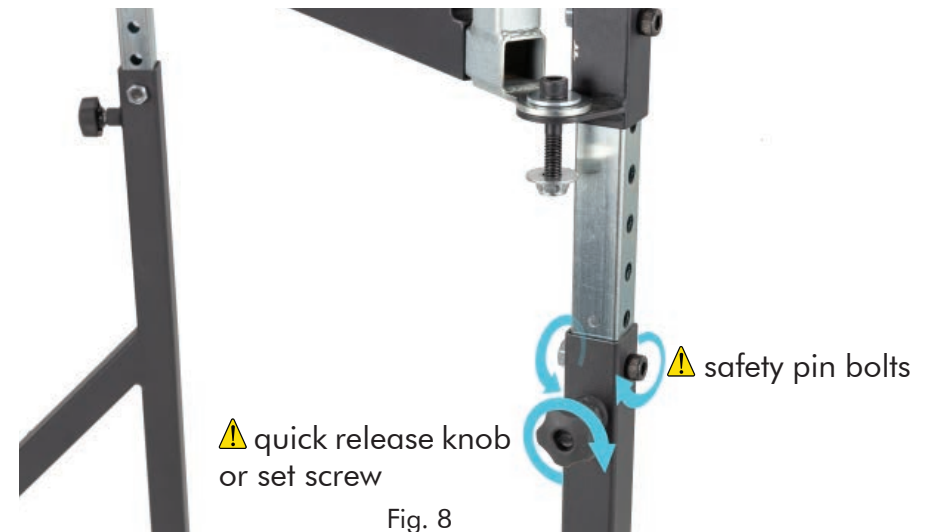


Fig. 8

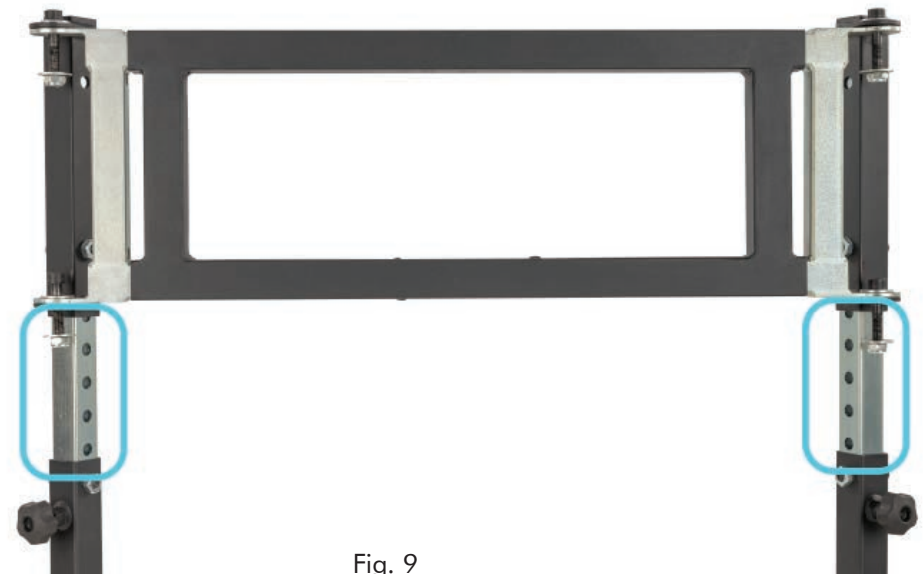


Fig. 9

For sim racing setup, position stand with lower side monitor/TV edge close to racing wheel base. Re-adjust height where lower side bezel is slightly over racing wheel base. Above rule may not apply for larger screens.

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

Fig. 10



Optional short swing arms installation to center frame for wider 55in TVs such as LG C4

⚠️ For smaller TVs or standard width 55in TVs skip to next set with standard swing arms installation.

Remove center monitor and proceed with optional short swing arms installation.

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

Align short swing arms straight to center frame long swing arms.

Tighten all bolts and nuts between short and center frame swing arms so they remain straight and do not hinge at later steps when adjusting screens.

Extend center frame all the way until center screen side edges are within the center frame span.

Extending center frame with short swing arms allows closing in side screens at tighter angle.

⚠️ Second person holding the frame and leg during the installation process is **highly** recommended. Proceed to next step with installing standard length to short swing arms same way.

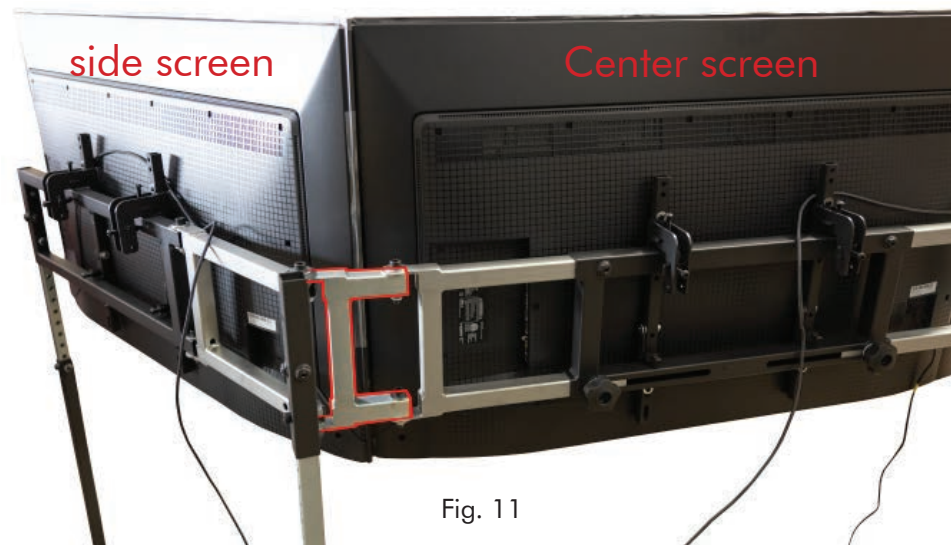


Fig. 11

Swing arms and side frames installation

Remove center monitor and proceed with swing arms installation.

Remove pre-mounted hinge bolts and install swing arm.

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



Fig. 12

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

Ensure side frame is installed with correct back/front side. Use welded nut being on back side as reference.

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

Repeat same steps for opposite side.

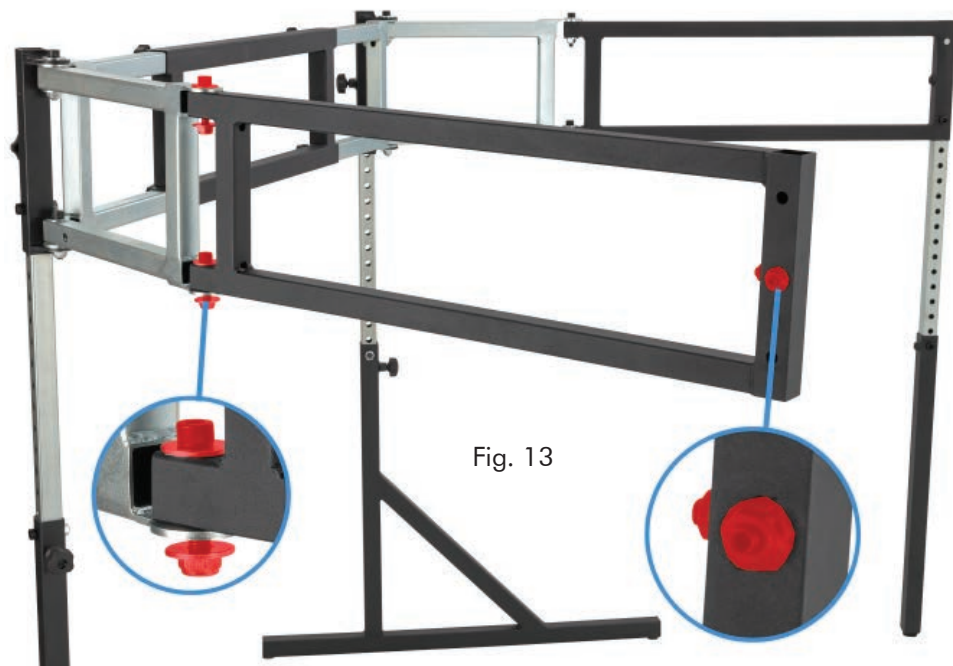


Fig. 13

Side frame support legs installation

Extend support leg vertical adjuster and mount it to side frame with pin bolt. Ensure same hole is selected as center frame vertical adjusters.

Secure lower leg post with pin bolt. Ensure same hole is selected as center frame vertical adjusters.

Install all four (4) set screws, two on side frame and two on lower support leg by using 5mm hex key, included in the package.

Adjust leveling foot until side frame is leveled, however do not over extend it to avoid lifting up main legs.



Fig. 14



Fig. 15

HD (heavy duty) bracket to monitor/TV installation

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

Remove monitor factory stand and expose mounting inserts.

⚠ Chose proper length and size bolts from included kit. Ensure bolts are not protruding internals of the monitor or TV, past threaded inserts.

Use at least one **plastic spacer** between monitor/TV and bracket, metal **washer** on head side. Add longer plastic spacer if necessary to clear recessed areas of monitor/TV back panel.

Fig. 16

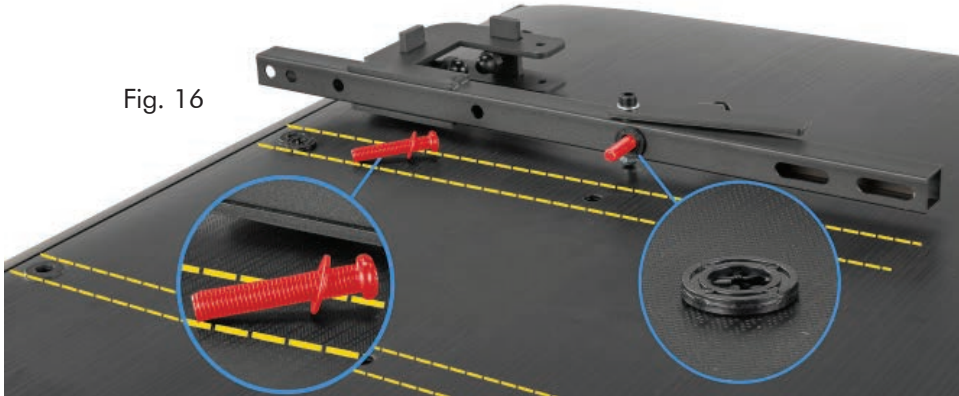


Fig. 17



Follow same steps to install 2nd mounting bracket.



Fig. 18

Mounting monitors/TVs to stand and alignment procedure

Hold monitor or TV with both hands, from its rear side and mount it on stand frame. Align monitor or TV to center of frame horizontally.

⚠ If necessary have second person help with the process.



Fig. 19

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 plastic nuts in contact with frame surface to avoid scratches from direct contact of brackets to frame.



Fig. 20

24



Fig. 21



Fig. 22

25

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



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

Fig. 23

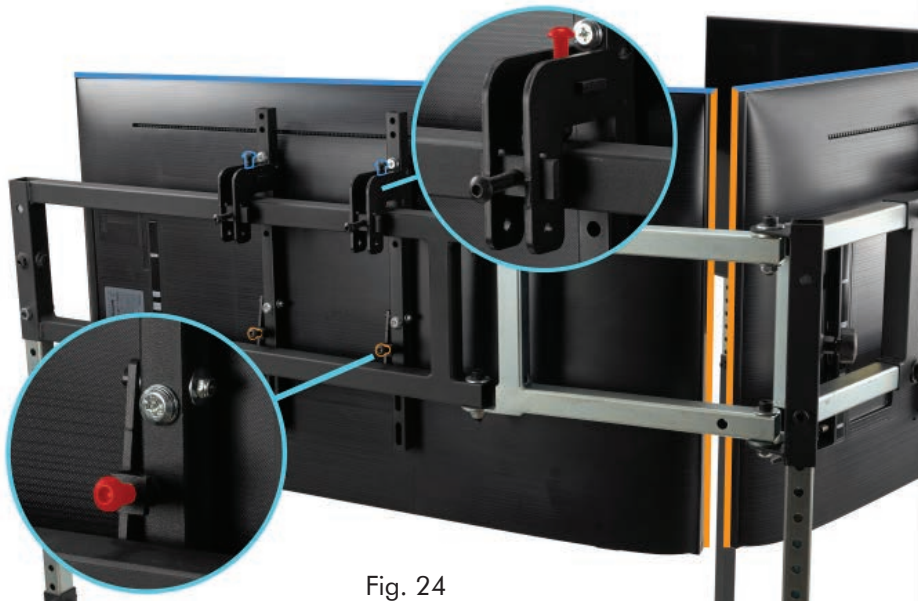


Fig. 24

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

Slide side monitor/TV towards center monitor/TV until bezels touch.

Repeat process on opposite side.

To achieve bezel free effect, side monitor bezel can be adjusted slightly in front of center monitor bezel. Use swing arm adjustment to bring side monitor slightly forward or backwards. Adjust side monitors angles to best personal preference. Repeat adjustment and alignment process if necessary.



Fig. 25

⚠ 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.



Fig. 26

Future monitor stand solutions and add-ons

Monitor mount solutions and add-ons to be released soon:

Overhead monitor mount bracket for additional monitor used for live streaming, data, gauges etc.

Sub mount monitor bracket used for small touchscreen, digital control panel.

Speakers, speaker bar bracket

PC box tray

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>

