Flight Simulator Add-on Kit
Configuration #12
Main Instrument Panel Holder
And
Optional Accessories



Assembly instruction manuals available at:

http://bit.ly/ow-manuals

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by SimFab®

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

WARNINGS:

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





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Parts list

1. Center post
2. Vertical bar assembly
3. Horizontal bar
4. 4way coupler
5. UFC/ICP/HUD adapter plate assembly
6. Center MFD adapter plate assembly
7. Side MFD adapter plate assembly (2)
8. Optional long swivel blocks (2)

⚠ Replace default swivel blocks on side MFD assembly with long ones for alternative placement of side MFDs

9. Hardware

A. Large quick release knob (4)

B. Small supporting knob 13mm bolt for post upper side support (1)

C. Tie wraps for cable management (6)

D. M10 set screws (12)

E. WinWing MIP panel mounting hardware:

M5x20mm socket head bolts (18), M5x10mm nylon spacers (18)

F. VirPil control panels #1, #2, SharKa-50 mounting hardware

M5x14mm, countersink head (16)

G. Thrustmaster Cougar MFD bezel mounting hardware

M4x10mm (16)

H. Generic display VESA mounting hardware

M4x12mm (16)

Use tools included in base package SimFab cockpit, not included in this kit

1. 17mm open wrench
2. 10mm open wrench
3. 8mm Allen key
3. 5mm Allen key
5. 4mm Allen key



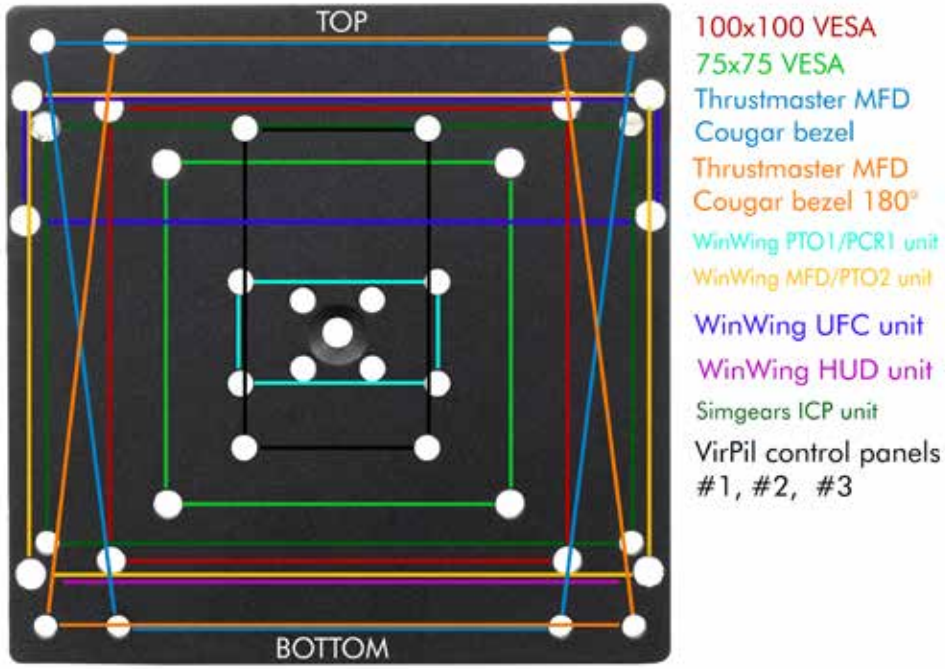
Plate mounting pattern and controls installation

Install control to plate by using appropriate mounting hardware. Refer to mounting pattern as illustrated below.

⚠ Do not over tighten bolts to avoid controls damage or stripping inserts

Use factory self tapping screws for Thrustmaster Cougar MFDs.

Reach out to us to receive mounting hardware and spacers for Simgears F16 ICP unit or other controls hardware, not included in the kit.



⚠ To prevent plate center holding bolt from getting loose, turn plate clock-wise on articulating joint. For tighter articulation use 17mm open wrench with 8mm hex key to tighten articulating joint bolts and 10mm open wrench to tighten center bolt nylock nut.



Installation

Install center post close to rudder plate shaft flange.

Tighten large knob on top first and pair of large knobs on adjacent side second.

⚠ Do not over tighten knobs to avoid damage.



Install by hand all 12 sets screws to all pivot adapters and 4way coupler. Turn set screws only couple turns.



WinWing MIP panel installation

Install WinWing MFDs and UFC/HUD to each plate by using included bolts and nylon spacers. Refer to labels, plate holes pattern and plate direction.
⚠ Included in the kit is set of mounting hardware for WinWing MIP kit with active displays or bezels only.

⚠ Do not over tighten bolts to avoid controls damage or stripping inserts

WinWing UFC/HUD unit installation. Connect short SATA wire between UFC and HUD units before mounting controls to plate. Mount UFC and HUD to adapter plate to both controls by using M5x20mm bolts and nylon spacers as shown.



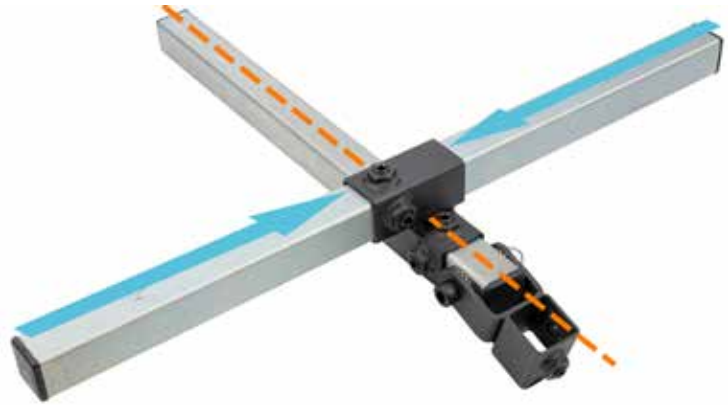
WinWing MFD unit installation. Side MFD shown below



Slide 4way coupler to vertical bar all the way up to pivoting tabs and tighten the pair of set screws by using 5mm Allen key.



Slide horizontal bar. Measure equal distance on each side and tighten pair of set screws.



Below installation refers to WinWing MIP kit. Each plate assembly and shafts can be installed in various ways/directions according to each aircraft layout or personal preference.

Slide center MFD pivoting adapter to vertical shaft approximately 1.5" from 4way coupler. Tighten down set screw securing the MFD assembly to vertical bar.



Slide down vertical bar to center post. Tighten large knob first and side support knob second.

⚠ Upper side support knob has shorter thread and only fits in the upper side welded nuts.

⚠ Do not over tighten knobs to avoid damage.



Slide side MFD pivoting adapters on each side of horizontal bar, close to center MFD and leave them loose.



Slide UFC/HUD bar through vertical bar pivoting adapter. Adjust UFC/HUD plate angle/roll by pivoting vertical bar and plate pivot adapters or turning plate around center bolt until lower edge of HUD lines up with upper edge of center MFD, while UFC is at desired angle. Make additional incremental adjustments to each display/control where necessary. Tighten down all set screws.



Optional long swivel blocks on side MFDs.

Replace default swivel blocks with long ones if necessary or up to personal preference. Purpose of long blocks is to bring reach of side MFDs closer while center MFD is affixed. Alternative option is pointing long arms up, bringing side MFDs higher in reference to UFC/ICP/HUD unit, and maintaining affixed position of center MFD.

Refer to photo below for visual reference. Ensure correct bottom top orientation of the swivel block and choice of mounting holes as illustrated.



Adjust all controls and displays close to each other and at appropriate angles.



Sit on cockpit and make final adjustments to following connecting points:

1) Rudder shaft leg reach, ensure knob and bolt holding the shaft at seat frame center tube are tight.
2) Center post, ensure top large knob and pair of side small knobs are tight.
3) Re-adjust and tighten connecting bolts between rudder plate angle bracket and rudder shaft flange. Ensure rudder plate legs are touching floor. Tighten pair of bolts.
4) Vertical bar height, ensure large and side small support knobs are tight.
5) All pivoting adapters set screws are tight, count total of 8.
6) Make fine and incremental adjustments where necessary to achieve perfect fit and maximum immersion.

Use Velcro tie wraps to run all cables neatly around brackets and tubes. Ensure cables are getting pinched or overstreched during re-adiustment.



MFD/UFC/ICP holders have full articulation: up/down/side/rotation to allow best positioning depending on controls and type of aircraft layout. Each display/controls can be mounted on top/bottom or front of horizontal bar allowing endless adjustment capabilities.

* MFD pivot bracket mounted on top of horizontal bar



* MFD pivot bracket mounted in front of horizontal bar



* MFD pivot bracket mounted in front of horizontal bar and angled towards pilot



* MFD pivot bracket mounted beneath horizontal bar



* MFD pivot bracket angled



* MFD pivot bracket tilted up/down



To break down, store away or move your SimFab flight pit, disconnect each peripheral module/attached bracket at easiest breaking point as shown.



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













