Free sample from The Sim Rig Build Planner. This is worksheet 4 of 12. Get all 12 worksheets: simracingcave.com/kit/sim-rig-planner

Monitor Size & Field of View

Your screens subtend a specific angle. Use that number.

Driver	**Date**
Screen setup	**Sim titles used**

Field of view is not a taste setting. It is decided by exactly two things: the width of the panel and the distance from your eyes to it. Everything else on the box changes nothing. Measure both, work out the angle, and enter that number in the sim so one degree on screen is one degree in the room.

Measure your own geometry

Measure from the bridge of your nose to the centre of the middle screen, seated the way you drive.

Input	Value	Notes
Panel diagonal (in)		One panel, not the array
Aspect ratio		16:9, 21:9 or 32:9
Panel width (in)		Width, not diagonal, is what matters
Viewing distance, eyes to glass (in)		
Bezel width per side (mm)		From the spec sheet
Calculated horizontal FOV (deg)		From the site calculator
Calculated vertical FOV (deg)		
Side monitor angle (deg)		Triples only

Check which one the sim asks for. A 27 in 16:9 panel at 24 in is about 52 degrees horizontal and only about 31 degrees vertical. Entering a horizontal figure in a vertical field zooms the view out badly.

Reference: horizontal FOV of one 27 in 16:9 panel

Viewing distance (in)	Horizontal FOV (deg)	Your distance?
24	51.6	
28	44.6	
32	39.9	
36	36.3	

A 34 in 21:9 ultrawide is 31.3 in wide, about 65.9 degrees at 24 in. Triple 27 in panels cover roughly 160 degrees at the same distance once 8 mm bezels are corrected for.

Per-title settings log

Titles label this field differently and some want vertical. Record what you actually entered.

Sim title	FOV field label	Value entered	H or V	Bezel correction set?

The adjustment period

Correct FOV feels too narrow for a session or two, because most games ship with a wide default that squeezes extra scenery on screen and you learned the track that way. What you gain is depth: braking boards grow at a believable rate, so the braking point becomes something you see rather than a number you memorise. Give it two sessions before you judge it.

Session	Date	FOV used	Braking points feel	Kept or reverted

Screens and mounting

Screens are the largest single line on most mid-tier builds, and the mount is the part people forget to budget.

- **Acer Nitro XV271U 27 inch QHD 180 Hz Gaming Monitor**: The standard 27 in 1440p panel that triples are built from, at the price that makes three of them viable.
- **LG UltraGear 34GP63A-B 34 inch Curved QHD 3440x1440 160 Hz Monitor**: One cable, no bezel correction, about 66 degrees of coverage. The simplicity option.
- **MOUNTUP Triple Monitor Stand Mount for Screens up to 27 inch**: Sets the side angle repeatably, which a row of separate desk stands cannot.

Current prices and our latest picks for each item: **simracingcave.com/kit/sim-rig-planner/gear/**

Researched guidance, not professional advice. Follow the product label and the operator manual.