

SIMWOR
RACE SIMULATORS

SX02MSPORT | V3 MOTION SIMULATOR



FOR THE RACE DRIVER

Many years of development in conjunction with race teams and drivers, have led to the release of Simworx V3 motion simulator. It incorporates our V3 Spec Quad Motion system with an integrated independent traction loss axis. This professional level simulator ticks all the boxes for drivers wanting a world class high end Motorsport simulation solution, for personal race driver training, or for the home enthusiasts. Look no further this is the best experience available on the market.

SX02MSport Motion Simulator system features;

- Authentic Supercar/GT style driving position with raised pedal position and angled seat
- The complete chassis system is of commercial strength with adjustable steering wheel angle and height, adjustable seat length, height and angle, adjustable pedal position
- Professional Motorsport racing seat selected from the OMP, Sparco or Cobra range
- On-board audio provides a vibrant setup with high quality on board components including a kevlar based subwoofer located under the seat and an integrated amplifier powering the Acoustic Audio satellite speakers



**APAC 2019
DESIGN AWARD
WINNER**



Operating System

Software titles supplied and tested includes: iRacing, Automobilista, rFactor2, FIA GT3 Competizione. SX02MSport system includes our custom built Gaming PC which uses the latest components for optimal simulation performance. All Simworx PC's are built to our specifications, ensuring that everything seamlessly interfaces together for a complete integrated solution.



Controls and Displays

On-board integrated audio, Simworx Digital Data Dashboards, Custom steering wheels for various disciplines, Billet CNC machined Supercar Sequential Shifters, high end Carbon Fibre Paddle Shifters, Professional level Load Cell Race Car Pedals, triple 4K 50" large panel LED screens with its overall 5760 x 1080 resolution gives a sense of incomparable immersion. Add remote live telemetry streaming on a dedicated 43" monitor, on-board integrated vibration transducers, tactile feedback and software that provides real-world circuits from across Australia, USA, Europe and the UK makes this a complete high end simulation experience.

Motion Technology

Professional cutting edge motion technology, with in-house motion profiles supplied across the various software platforms, are installed by our technicians. Our motion technology offers full Heave, Pitch, Yaw and Roll movement, incorporating a dedicated traction loss axis that operates independently of the primary drive actuators. Motion technology provides full recreation of the suspension and vehicle movements of the race car and the integrated vibration transducers and sound systems creates the tactile sensations of the road, engine vibration and other tactile sensations normally experienced when driving a race car. Various software plug-ins installed by Simworx enhances the level of tactile feedback and effects.

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The SX02MSport V3 Motion Simulator comes Plug and Play factory assembled and features that are designed for the ultimate in realism. Offering direct feedback of the steering system, road textures, elevations, cornering, acceleration and braking G forces. A separate rear wheel traction loss axis is deployed to mimic oversteer.

The platform is powered by 4 x 150mm stroke ball screw servo actuators working independently of each other. These features replicate the suspension of an actual race car and allows the driver to be fully immersed into the thrill of racing.

There are 2 versions available depending on the end use envisaged. Our level 1 system is a complete motion simulator that would suit most individuals looking for a turn key state of the art experience at a more affordable price point, whilst our Professional level simulator, Level 2, is designed for professional or private use at home for customers requiring high end Motorsport controls and related components for personal race driver training or the home enthusiasts who require the best.

Contact us for more information.

Specifications

SIMULATOR

- SX02MSport Alloy Chassis
- All Alloy monocoque construction
- Integrated Dolby Sound System
- Kevlar Sub Woofer built in to Chassis
- Amplifier fitted integral with the chassis
- Gaming PC
- Motorsport software installed & tested
 - iRacing, Automobilista, rF2, Assetto Corsa
- Triple 50" UHD LED Screens
- Triple Screen Display Stand
- OMP GT3 Race Seat or custom seat options from Sparco and Cobra can be fitted
- Quality Acoustic Audio speakers
- Motec style digital data dash
- Simworx Pro Series GT V3 Load Cell Racing Pedals
- Simworx contemporary raised pedal platform
- Direct Drive Servo Motor Steering
- Simworx Pro Series Alloy Hub System with Push Buttons & Encoders
- OMP Superquattro Flat Bottom Suede Steering wheel
- Carbon Fibre high end Paddle Shifters
- Simworx Pro Series Supercar Sequential Shifter
- SABELT 5 Point Race Harness with Active G Force Tensioner System
- SimworX Integrated Bass Shaker
- Bass Shaker Amplifier mounted next to seat
- Selection of Race Team Graphics
- Wireless Keyboard
- F1 style Keyboard Stand
- Factory assembled and Individually hand made and tested in house

MOTION

- Simworx V3-Spec Quad Motion System with integrated independent traction loss system
- Digital connection between controller, PC & Actuators guarantee zero latency
- 150MM stroke Ball Screw HD Actuators with built in Encoders
- Maximum Velocity +- 500mm/sec up to 100Hz Frequency
- Maximum Acceleration + - 2G's
- Maximum Thrust 350kgf each actuator
- Rated thrust 240kgf each
- Traction Loss Actuator SCN6 60kgf stroke
- Directions of movement: Heave - Pitch - Yaw - Roll

PRIMARY DISPLAYS

- 50 inch UHD LED narrow bezel screens x 3
- Simworx Triple Screen Integrated mounting system
- 43" UHD Monitor for live telemetry streaming
- Remote Telemetry Screen Stand

POWER

- Australia, UK & Oceania
- 220-240 Volts 50Hz @ 5Amps (1200Watts)
- USA & Canada
- 110-120 Volts 60Hz @ 11Amps (1220Watts)

INSTALLATION

- SIMWORX Technicians available to install and Set Up on site

Designed and built in Australia by Simworx, a leading Simulator constructor in the Asia Pacific founded in 2004, gives you peace of mind when it comes to after sales support.



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