

SISO MOTION

ENGINEERED FOR RACING. BUILT FOR PRECISION.

SISO MOTION

HIGH TECH SIMULATION



SISO MOTION Racing Simulator is a state-of-the-art full-motion system engineered for ultra-realistic and highly immersive driving experiences.

SISO MOTION delivers true-to-life driving sensations with its high-precision 3DOF motion platform and low-latency control architecture, accurately reproducing acceleration, braking, cornering, and traction dynamics. Its instant-response servo actuators provide smooth, continuous motion that conveys every micro-movement of the vehicle.

WHY SISO MOTION

Industrial-grade hardware, a robust mechanical structure, and professional cockpit ergonomics turn SISO MOTION into a long-lasting, stable, and fully immersive simulation solution. This configuration, suitable for both training and e-sports use, is the key factor that sets the system apart from its competitors in the ultra-realistic category.

The force-feedback steering system and real-time telemetry integration transform tire slip, suspension behavior, and road-surface vibrations into physical sensations. This allows the driver to intuitively perceive every detail of the racing scenario and develop real-world reflexes just as they would in an actual car.





KEY ADVANTAGES

High-Fidelity Motion: Ultra-realistic racing dynamics

Industrial Durability: Engineered for continuous, long-term operation

Low-Latency Sync: Perfect alignment of visuals, audio, and motion

Plug & Play: Fast installation and one-touch startup

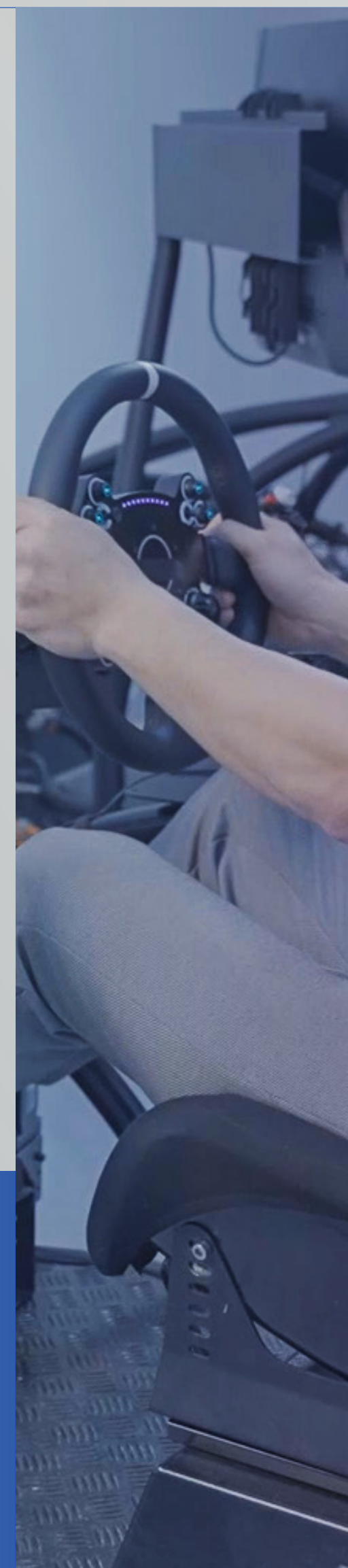
Scalable Setup: Compatible with VR, triple-screen, or professional cockpit systems

WHO USES SISO MOTION

- Esports Arenas
- Racing Training Centers
- Gaming and Entertainment Venues
- Universities and Vocational Schools
- Corporate Driver Training Programs

APPLICATIONS

- Immersive VR racing experiences
- Competitive e-sports events
- Prototype testing for racing hardware
- Entertainment and arcade use
- Professional driver training



HARDWARE

STEERING WHEEL & PEDAL OPTIONS

- **Entry Level:** Gear-driven force-feedback steering wheel and pedal set
- **Mid Tier:** Belt-driven force-feedback steering wheel with pedal set
- **Pro Tier:** Direct-drive steering wheel with load-cell or hydraulic pedal set

- **Optional:** Gearbox, Handbrake, Different wheels

DISPLAY OPTIONS

- Curved gaming display
- Triple-screen setup
- VR/AR headsets (Compatible with Meta Quest / HTC)

AUDIO SYSTEM

- 2.1 immersive sound
- Optional bass shaker module

DRIVER ERGONOMICS

- Maximum driver height: 1.90 m
- Adjustable seat rail system
- Adjustable pedal distance
- Optional 4-point racing harness
- Anatomically supported professional racing seat

DRIVER PANEL

SIMULATION COMPUTER (OPTIONAL)



The components listed above represent the standard configuration options offered with the system. However, the platform is fully modular—customers may upgrade components, choose higher-tier equipment, or integrate their own steering wheel, pedal set, display hardware, or additional peripherals as needed.



SANLAB 3DOF MOTION SYSTEM

- Adaptable brackets
- All-in-one user interface
- Plug and play
- Low latency feedback



SOFTWARE

- Custom SANLAB interface for one-click game launch
- Real-time synchronization of motion and visuals
- Adjustable motion parameters for personalized racing experiences
- Multi-language support

SUPPORTED RACING PLATFORMS

SISO Motion provides full-motion feedback in the following games:





DIMENSIONS

Recommended Area: Minimum 3 m x 3 m
Floor Requirements: Flat and rigid surface

AXIS LIMITS

MOTION TECHNOLOGY

Maintenance: Low annual maintenance requirement, modular component design

SERVICE & WARRANTY

- 2 years manufacturer's warranty
- Instant remote diagnostics
- Spare parts supply: 10 years
- Fast maintenance due to modular design





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POWERED BY **SANLAB**

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