

TRUSIM-2

2 DOF RACING MOTION SIMULATOR

RACING UNLEASHED



TRUEFORCE



Made in UAE.



APPLICATIONS

- Home entertainment
- Gaming centers/arcades
- Racing team practice
- Racing schools/training centers
- Trade shows/events
- Film and media production



LOGITECH **G923 TRUEFORCE RACING WHEEL**

The award-winning Logitech G design is reengineered to dial into your game physics, delivering unprecedented realism. Feel the pistons pumping, the gravel crunching, and every shift, drift, and hairpin turn like never before.

The latest innovation in force feedback technology connects directly to in-game simulation engines and physics to produce higher fidelity, real-time responses. The feedback frequency range is increased for dramatically improved detail and realism.

G923's advanced firmware monitors all the current flowing through the wheel motors, continuously adjusting voltage to match outputs from game physics. By going beyond default settings, G923 delivers pinpoint accuracy and unprecedented realism.

LOGITECH **DRIVING FORCE SHIFTER**

With a solid steel gear shaft, Driving Force Shifter is constructed of quality materials for precision racing and long-lasting reliability. The knob and boot are covered in high-quality, hand-stitched leather, giving it a look and feel similar to a high-performance race shifter and giving you a more comfortable, durable experience.

The six-speed "H"-pattern shifter with push-down reverse moves fluidly and solidly clicks into each gear. It's designed to ensure smooth, accurate gear transitions on both hairpin turns and straightaways.



LOGITECH **G923 PROGRESSIVE BRAKE PEDALS**

More responsive, more accurate. The progressive spring mimics the performance of a pressure-sensitive brake system for a real racing experience. Reposition the pedal faces for heel-toe maneuvers and even more control.

SPECIFICATIONS

Simulator type	Monoposto (Single-Seater)
Dimensions (W x L x H)	1 x 1.6 x 1.4 m (Excluding screen)
Weight	180 kg (standard TruSim-2 simulator)
Motion system	2 DOF (pitch and roll axes), Proprietary system with closed loop DC motor actuators
Display system	43" 4K Ultra HD Smart LED screen, 60 Hz refresh rate
Steering system	Logitech G923, 900 degrees lock-to-lock, Hall-effect steering sensor, Dual-Motor Force Feedback with TRUEFORCE , Overheat safeguard
Pedals	Logitech self-calibrating progressive brake, accelerator, and clutch pedals
Gear shifter	Logitech driving force shifter, short-throw feel, 6-speed "H" pattern shifter with push-down reverse
Audio system	Integrated speakers, headphones
Control interface	Wireless keyboard with touchpad
Supported Pilot Weight	110 Kg (242 lbs) max
Simulation software	Assetto Corsa Ultimate Edition, additional titles available upon request. Over 80+ integrated and supported racing and flight games
Power	AC 220-240V, 1000W max

CUSTOMIZATION OPTIONS

- Steering wheel, pedals, shifter, and hand brake according to customer specification
- VR headset according to customer specification
- Multiple screens available upon customer request
- Sound system according to customer specification
- Gaming PC according to customer specification
- Exterior paint and livery according to customer specification
- Interactive RGB LED system according to customer specification
- Seatbelt sim racing 4-point harness available upon customer request

***“We want to make motion simulators sustainable,
safe and accessible to everyone”***

FROM THE HEART OF DUBAI

In Dubai's dynamic industrial district, Alien Dynamics' state-of-the-art R&D and production facility stands as a testament to engineering excellence and innovative spirit.

RESEARCH AND DEVELOPMENT

Our unwavering commitment is to deliver the ultimate racing simulator experience, where reality meets innovation. By maintaining complete control over both hardware and software development, our engineering team ensures unparalleled quality and performance in every system we create.

The cornerstone of our technology lies in our proprietary 2DOF and 3DOF motion systems. These sophisticated platforms provide drivers with precise motion feedback, allowing them to truly "feel" the vehicle's behavior and master its limits on any virtual track. We complement this foundation with high-resolution force feedback steering systems and application-specific pedal configurations, creating a cohesive and authentic driving experience.

MANUFACTURING

Every Alien Dynamics simulator represents the pinnacle of craftsmanship, hand-assembled by our skilled technicians in Dubai. This meticulous approach not only guarantees exceptional quality but also enables us to offer customized solutions tailored to each client's unique specifications.

AFTER SALE SUPPORT

We believe in building lasting relationships with our clients that extend well beyond delivery and installation. Through regular maintenance visits, we ensure each simulator continues to perform at its peak. Our forward-thinking modular design philosophy means every system is built to evolve, ready for future upgrades as technology advances and customer needs change.

