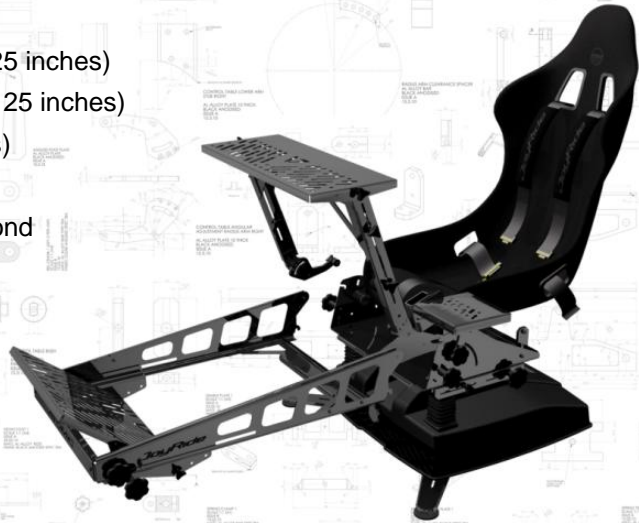


At a Glance

Base area	68 x 63 cm (27 x 25 inches)
Base area, with foot rest	140 x 63 cm (55 x 25 inches)
Height (inc. Seat)	122 cm (48 inches)
No. actuators	2
Maximum velocity	71.2 degrees/second
Maximum torque	64.4 Nm
Maximum pitch & roll	27 degrees
Min. rider height (approx)	135cm (4' 5")
Max. rider height (approx)	200 cm (6' 7")
Max. rider weight (approx)	135 kg (300 lbs)
Approx shipping weight	50 kg (110 lbs)
Approx power consumption	150w



Construction

- Stylish, contemporary black finish
- Super-strong, lightweight anodised aluminium chassis and tough ABS housing
- Precision engineered mechanical parts and high-quality ball bearings provide optimum motion detail and reliability
- Multi-point adjustable feet and extendable support legs for stability on uneven surfaces
- Threaded mounting holes provided on base for permanent attachment to floor
- Ultra-lightweight custom-embroidered professional racing seat included (<6kg)

Safety Features

- Gaitered conduits prevent finger trapping and dust entering housing
- Motion defeat switches in housing and foot rest halt actuators in the event of contact with a foreign body
- Low voltage electronics prevent the risk of electric shock
- 3 point safety harness with custom-embroidered seatbelt pads included

Adjustability

- Independent height, tilt and reach adjustability for steering shelf, shifter mount and foot rest provides optimum comfort for a large range of riders
- Reversible shifter mount for left or right hand drive layouts
- Generously sized universal control tables with integrated clamp bars permit almost any type of control set to be used. Slotted tables facilitate screw-mounting, or the use of straps to secure keypads or instrument panels
- Adjustable seat mounts and platform-based reclination mechanism ensure compatibility with a variety of popular racing seats (please contact JoyRide for more information)
- Quick-release rider entry/exit mechanism

Transportation and Stowage

- Tool-less removable foot rest and steering wheel mount permit unit to be stored in a small corner or easily transported in the boot of a saloon car. Integrated castors assist rapid relocation
- Total weight (including supplied seat) is less than 50kg (110lbs)



Motion System

- Dual high-speed, high-precision 400mm/s (100N) actuators with maintenance-free brushless stepper motors
- Patented load-compensating ForceAssist™ technology maximises performance while minimising actuator power requirement
- RealFeel™ closed-loop hardware controller ensures jitter-free movement to impart organic motion

Tactile Transducer System

- Unique RideNet™ PC controlled digital amplifier permits gain and low frequency cut-off to be controlled via PC, allowing auto-recall of settings for individual games or users
- Powerful 50W Tactile Transducer with 20-80hz frequency response
- Integrated audio line-level repeater facilitates unrestricted chaining of units with no signal loss

Electronics

- Integrated ForceAssist™ system calibrates base to user's size and weight, providing optimum motion results
- Stylish blue power indicator and tri-colour status leds
- Modular Rear I/O panel features USB 2.0 connectivity
- 24V Operation via external DC power supply

Networking

- Connect an almost limitless number of devices via standard 3.5mm jack leads to operate in unison with JoyRide's unique RideNet™ passenger system. Individual motion profile settings can be specified for each chair if required
- Quick and easy device identification and setup system eliminates headaches with large-scale installations
- Open protocol and SDK for use by software developers

Software Features

- JoyRide's bundled SIMPHYNITY™ software provides un-rivalled game support, individual user profiles, RideNet™ multi-seat support and editable pre-programmed motion settings for each game. See www.joyridesimulators.com for more information

