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Moza Racing mBooster Active Pedal

Model: RS076

Manufacturer: MOZA RACING

EAN: 6973137270735

Product Code: 1646761

R15,377

The MOZA mBooster Active Pedal redefines sim racing with realistic dynamic force feedback and precision control. It delivers unparalleled accuracy and responsiveness and features dual 200KG load cell sensors and a 21-bit high-resolution magnetic encoder. The high-torque density motor and MOZA Pit House software enable one-click customization for throttle, brake, or clutch functions. With adjustable pedal feel, real-time ABS, traction control, engine vibration, and G-force feedback, the mBooster ensures an immersive and true-to-life driving experience. Compatible with CRP2 pedals for enhanced performance and seamless integration with MOZA Racing ecosystems.

Innovative Design

After years of innovation, MOZA has engineered a revolutionary structure with an advanced electronic control system. This breakthrough marks a new era in sim racing with our active pedal, delivering unmatched precision and authentic driving experience.

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Professional Software Support

MOZA Pit House software offers one-click presets, enabling professional precision settings quickly without the need to adjust mechanical structures. Effortlessly fine-tune basic pedal performance and advanced dynamic feedback for a seamless racing experience.

Realistic Dynamic Force Feedback

MOZA's proprietary telemetry database enhances force feedback realism, delivering precise ABS feedback during braking, dynamic throttle feedback for traction control, vehicle vibrations, gearshift impacts, and G-force effects for a truly immersive driving experience.

Quiet and Smooth

The MOZA mBooster Active Pedal features a high-precision ball screw, segmented servo motor, and a closed, rail-free design to effectively reduce operational friction. This results in a quiet and smooth experience, with noise levels as low as 44dB.

Precise Control, Wider Range

The MOZA mBooster Active Pedal is equipped with dual 200KG load cell sensors, ensuring ultra-precise pedal force detection with zero dead zones. This advanced technology delivers consistent, responsive braking for superior control and confidence on the track.

15-Bit High-Precision

Angle Sensors

The innovative sensor fusion algorithm combines 15-bit angle sensors with dual pressure sensors to ensure high-precision braking input and accurate brake force output.

21-bit High-resolution

Magnetic Encoder

Engineered with a high resolution of 2,097,152 PPR, this advanced encoder refines motor control, delivering incredibly smooth and detailed force feedback for an immersive racing experience.

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High Performance

with Compact Design

High torque density motor and lightweight materials result in smaller installation size and more convenient operation.

Enhanced Pedal Feel

Different from traditional pedals with passive feedback, the innovative active force feedback system, composed of motors and ball screws, provides strong limit force and rebound. It can simulate a wide range of pedal feel, from a road car's throttle to an F1 car's brake.

One-Click Pedal Customization

Effortlessly customize the feel of your MOZA mBooster Active Pedal with just one click. It can be used as a throttle, brake, or clutch, ensuring a driving experience tailored to your preferences. Additionally, the mBooster is seamlessly compatible with the CRP2 pedals, offering versatile and enhanced performance.

Ergonomic Design

The pedal surface features a biomimetic curved design that conforms to the arch of the foot, providing a snug fit for better force application and overall comfort.

Full Compatibility

Directly connect to PC and compatible with almost all branded bases, fully supporting MOZA's wheelbase lineup.

Durable and Reliable

The mBooster system has undergone millions of simulated pedal tests, ensuring stable performance.

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