Revolutionize your driver training and driver safety demonstrations with the lightweight and portable Drive Square Simulation System™. Provide realistic training in the safety and convenience of a parked car. Use state-of-the-art virtual reality, a wide variety of training scenarios and a professionally developed curriculum - or customize your own scenarios to evaluate drivers. Train students in a garage, a driveway, a parking lot, anywhere and anytime you want to prepare your students for new situations or reinforce important points. Simulate dangerous emergency maneuvers without the possibility of injury. The simulator can simulate impaired driving such as alcohol, distracted driving while texting and talking on a mobile phone.

- Modular
  Four major elements: Two turntables, one headset and one portable computer

- Lightweight and Portable
  Total weight of the system < 45 pounds

- Realistic
  Interchangeable vehicle and state-of-the-art virtual reality provide enhanced training and realistic driving practice.

- Curriculum and Driving Scenarios
  Drive Square Training System is integrated with Adiona™ driving simulation software package with many diverse driving scenarios available. Many of the scenarios have been developed by leading research organizations with training effects peer-reviewed and documented in numerous white papers.

- Safety Demonstrations
  Use for safety demonstrations of adverse effects of drinking and driving, texting and other distractions.

- Easy Use, Anywhere
  Because no AC power or environmental control is necessary, the Drive Square System can be used wherever a vehicle can be parked.

About the Company
Founded in 2001 as Drive Square LLC, it began development of the system to address the increasingly critical problems of teen age and other drivers. The company received several research grants from the US government to explore the uses of this exciting new technology. Beginning 2008 the Company operates as Drive Square, Inc.

Toll-Free 1-877-224-7708    3213 Duke St., Ste.656, Alexandria, VA 22314
The Drive Square Simulation System™ Technical Specifications
Models DS-575-EDU, DS-575-IDD-EDU

Operating Modes: Simulation, Playback, Scenario Design

Notebook Computer: Intel i5/i7 based notebook computer with 500Gflop GPU
(Model DS-575) or better performance. Flip-back design with solid state hard drive.

Operating System: Microsoft® Windows®

Virtual reality Headset (HMD):
Microdisplay: Dual high-contrast micro displays
Weight: 320g
Resolution: 1280x720 per eye, 24-bit color
Audio: Full Stereo
Head Tracker: Magnetic-Accelerometer-Gyro

Turntable Ramps w/Steering Sensor:
Size: 16” Diameter, 2.5” High
Vehicle Tire Size Range: Tire diameters 21” - 30”, tire widths 6.5” – 11”
(165/65R14 - 245/65R17)
Weight Bearing Capacity: 3,000lbs on steered axle

Interface/Power: USB Interface
Color & Material: Hard black acetal plastic with non-reflective yellow safety stripes

Pedal Sensors: A set of MEMS-based electro-mechanical sensors to fit any vehicle. All sensors are wireless Bluetooth® BLE 4.0

System Packaging: The system is packaged in a heavy-duty nylon roller bag: 2 round ramps with 2 drive up ramps, unpackaged, 26lbs, 13kg; computer, software, HMD, a set of sensors - 17”x14”x10”, 15lbs (44x36x25cm, 7kg). Sizes and weights are approximate.

Power requirements: Battery, AC Inverter, or 110-220VAC, total power consumption < 150W

Environmental Restrictions:
Precipitation: No direct rain or snow
Operating temperature: 0F – 120F

For More Information: www.drivesquare.com or call toll-free: 1-877-224-7708 x.2

Drive Square, Inc
3213 Duke Street, Ste. 656,
Alexandria, VA 22314

** Bluetooth is a trademark of Bluetooth SIG, Inc. Microsoft® Windows® is a registered trademark of Microsoft Corp. Drive Square Simulation System™ is a trademark of Drive Square, Inc., a Delaware Corporation with registered address 2711 Centerville Rd., Ste. 400, Wilmington, DE 19808.

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