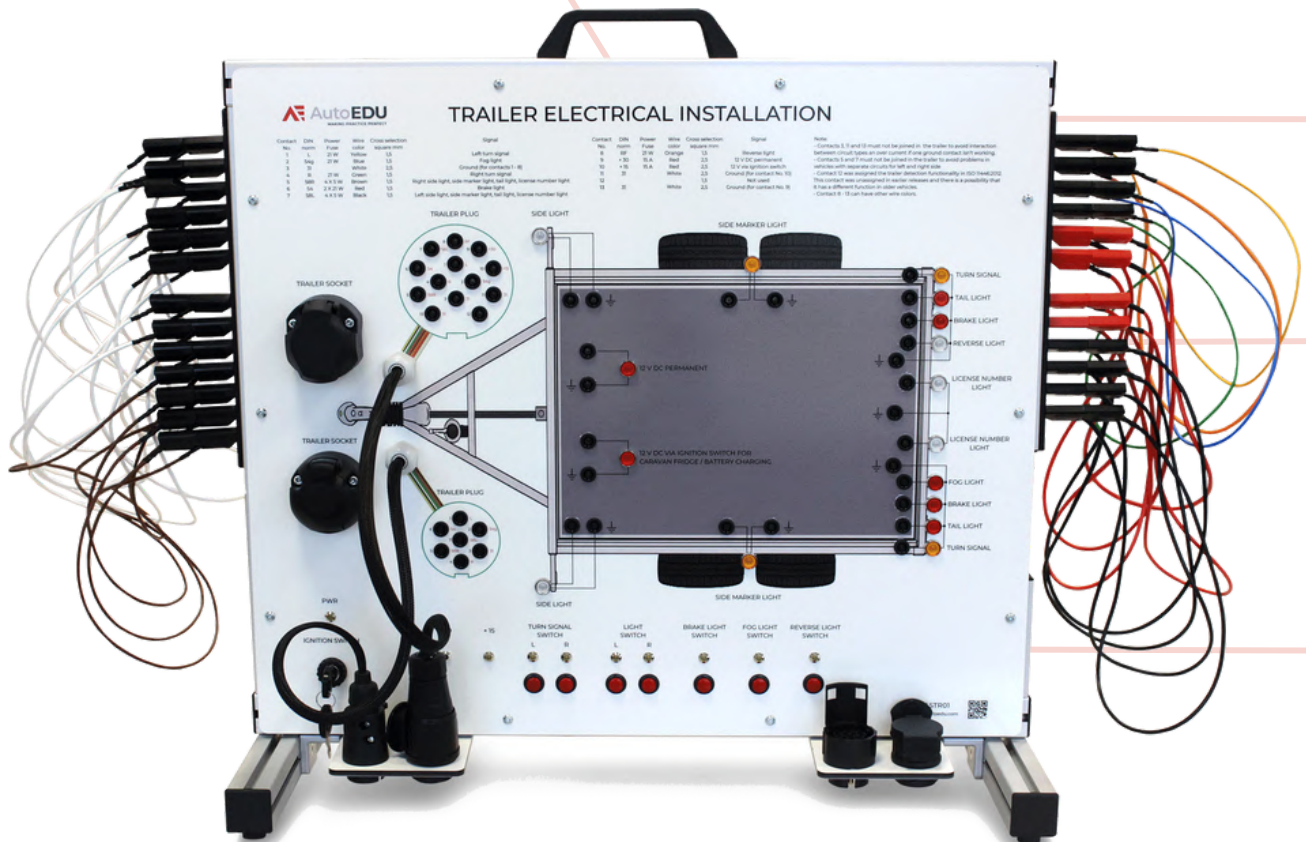




CAR TRAILER WIRING EDUCATIONAL TRAINER



Hands-on educational equipment for
learning trailer electrical systems and
connections.

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TRAIN STUDENTS ON **REAL TRAILER ELECTRICAL INSTALATIONS**



The MSASTR01 Car Trailer Wiring Educational Trainer provides a complete, practical platform for understanding and testing automotive trailer lighting systems. It replicates the wiring layout of real 7-pin and 13-pin trailer connectors, allowing learners to assemble, test, and troubleshoot electrical connections as used in passenger car trailers.

This unit gives students real-world skills in wiring, fault detection, and system diagnostics while providing instructors a safe, compact, and classroom-ready tool.





KEY FEATURES & BENEFITS

- **7-pin and 13-pin connectors** for standard trailer wiring practice.
- **Functional lighting circuits:** turn, brake, fog, tail, reverse, and side lights.
- **Color-coded, labeled terminals** for easy wiring and testing.
- **Integrated control switches** for all light functions.
- Includes 7↔13 pin adapters for system compatibility.
- **Safe low-voltage operation** (12 V DC, 220 V AC supply).
- **Lightweight** aluminum frame, **compact and portable**.





Value for Students

- Practice **wiring and connection of trailer systems** using standard pin layouts.
- Learn to interpret **wiring diagrams, color codes, and pin numbers**.
- Perform **testing and troubleshooting** of trailer lighting faults.
- Understand the **principles of safe and efficient trailer electrical operation**.

Value for Instructors

- Simplifies demonstration of **trailer electrical systems and standards**.
- Allows **quick, repeatable exercises** without a real vehicle or trailer.
- Provides **visual feedback** through illuminated circuits and signal lamps.
- Ideal for **automotive electrical courses**, vocational training, and workshops.





Specifications

- **Power Supply:** 220 V (110 V US)
- **Connections:** 7-pin and 13-pin trailer sockets and plugs
- **Adapters:** 7↔13 pin conversion adapters included
- **Lighting Circuits:** Turn, brake, fog, tail, reverse, and side lights
- **Protection:** Fuses and switches for all circuits
- **Frame:** Tabletop aluminum frame with labeled terminals
- **Dimensions:** 720 × 700 × 300 mm (28.3 × 27.6 × 11.8 in)
- **Weight:** Approx. 12 kg (26.5 lbs)
- **Product Number:** MSASTR01

Why Choose AutoEDU MSASTR01?

- Realistic hands-on training for trailer electrical connections.
- Enhances student engagement through interactive wiring exercises.
- Reduces risks and costs compared to using real vehicles.
- Compact, plug-and-play design ideal for technical classrooms.
- Supported with technical documentation and after-sales assistance.



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