



ROVER

EAN: 73-50151-08350-0

The Demo Rover is the perfect base for your product exhibition. Its main features include a complete CAN system integrated into a robust aluminum chassis designed for durability and flexibility. The Rover is driven by an Electronic Speed Controller (ESC) controlling a high-performance engine, and has a powerful steering servo for controlling the wheels. These key components combine to deliver a reliable and versatile tool for showcasing various CAN or automotive products in a creative, eye-catching manner.

Warranty

2-year warranty. See our General Conditions and Policies for details.

Support

Free support for all products by contacting support@canedudev.com

Major Features

- **Advanced Control System:** Equipped with a CAN system featuring three nodes—a motor control node, steering node and radio communication node.
- **Connectivity Made Easy:** The CAN bus is designed with four 9-pin D-SUB connectors, ensuring hassle-free connections to PCs and additional modules.
- **Modular Design:** The car's bodywork boasts easily detachable aluminum mounting panels, allowing for seamless integration of additional modules.
- **Intuitive CAN API:** Easily control and configure the Demo Rover using a set of preconfigured CAN messages. The API is made flexible so you can focus on your project. Messages are toggleable and their IDs are configurable over CAN, making it easy to integrate your own components in the Demo Rover.
- **Standard RC with a Twist:** CanEduDev introduces a revolutionary RC-to-CAN control module, enabling the Demo Rover to be seamlessly controlled by any RC system equipped with an SBUS connection from the hobby market. A compatible RC system is included with the Demo Rover.
- **Robust Carrying Case:** Transport your Demo Rover with style and security. We've collaborated with SKB to craft a bespoke carrying case tailored for the Demo Rover. Based on the robust design of the **SKB # 31-3026-15BE**, this case ensures your Demo Rover is always protected and ready for the show.
- **Open Source:** The Demo Rover's schematics and software are open source and freely available. The firmware is built on the open-source STM32 HAL and FreeRTOS.

Technical data

Weight	10 kg
Wheelbase	567mm
Track Width	435mm
Wheel Diameter	160mm
Max Speed	30 km/h
Engine RPM/V	400KV
Max Power	1000W Continuous
Electronic Speed Controller (ESC)	Performa Racing PA9346
Power Source	4S LiPo battery (not included)
Max Payload	10 kg
RC System	Flysky FS-G7P
Communication Interface	CAN bus with 4x DB-9 connectors

