

# PLEX EXP-Boost®

## SMART. PRACTICAL. PRO.

For over a decade, our electronic boost controllers have set the benchmark for precision and reliability. Now, with a fully customizable **standalone** design, integration is more flexible than ever.

The **PLEX EXP-Boost** is a **CAN-based boost control unit** that manages up to **two solenoid valves and two electronic wastegates**, delivering **precise, adaptive boost strategies**. Mounted near the engine, it minimizes wiring complexity while ensuring **high-speed, closed-loop control**.

With **software-defined fuses for power distribution**, multiple boost presets, and full **CAN-bus compatibility**, the EXP-Boost offers **unmatched versatility for custom setups and professional applications**.

**Engineered for precision. Built for performance.**



## KEY FEATURES

### FLEXIBLE BOOST STRATEGIES

Multiple boost presets with correction maps, enabling complex strategies like boost per gear, speed, throttle position (TPS), time, and more.

### HIGH-POWER OUTPUTS

4x 15A power outputs to control auxiliary devices such as pumps, fans, solenoids, and advanced functions like intercooler fans, water injection, fuel pumps, and electric blow-off valves.

### HIGH QUALITY ENCLOSURE

Durable anodized CNC aluminum housing with IP67 weather protection and a flat-back design for easy, secure mounting.

### ADVANCED ACTUATOR CONTROL

Supports up to two solenoid valves or electric wastegates, enabling precise, responsive, and adaptive boost management.

### VERSATILE INPUTS

- 4 multipurpose inputs (analog, digital, or frequency) for additional sensor data and expanded functionality.
- 2 Type-K thermocouple inputs for EGT monitoring or other high-temperature measurements.

### FULLY CONFIGURABLE

Create custom pages & tailor your setup with configurable CAN Bus receive and transmit options, along with customizable inputs, outputs, and alarms.

### CONFIGURABLE CLOSED-LOOP CONTROL

Advanced PID and feedforward control for accurate and stable boost regulation under any conditions.

### INTEGRATED SENSORS

Built-in reliable 5-bar MAP sensor and barometric pressure sensor for real-time environmental compensation.

### BUILT TO LAST

Constructed with high-quality components, the EXP-Boost offers frequent firmware and feature updates, backed by robust support to ensure longevity and reliability.