

PLEX PBC PRO v2[®] KIT

ALL NEW. POWERFUL. PRO.

For over a decade, our electronic boost controllers have set the standard for precision and reliability. Now, with a dual-module design, installation is cleaner, and performance is even better.

The **Master Unit** provides real-time data and control, while the **Slave Unit**, mounted near the engine, handles solenoids, wastegates, and key sensors—reducing wiring and simplifying setup.

With advanced closed-loop control, multiple boost strategies, and seamless integration, the **PBC PRO v2 Kit** delivers unmatched precision and power.

The **Plus version** offers even better boost management and goes further by integrating a fully configurable digital dash logger with real-time performance monitoring (GNSS/IMU) for total turbo system control.

Ready to take charge? 



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.

SUPERB 2.8" IPS DISPLAY

Ultra-bright 900 nits, high-contrast IPS screen with auto-dimming and touch functionality for optimal visibility in all conditions.

CLEAN QUICK-GLANCE™ UI

Our proprietary UI design ensures optimal viewing ergonomics, minimizing driver distraction for quick, clear data at a glance.

DUAL ORIENTATION

Flexible installation options allow for both horizontal and vertical orientations, ensuring optimal viewability with an equivalent page layout in either position.

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.

HIGH QUALITY ENCLOSURE

Durable anodized CNC aluminum housing with IP64 weather protection and a flat-back design for easy, secure mounting.

BUILT-IN MULTI-GNSS*

Enjoy concurrent GNSS satellite reception (GPS, Glonass, Baidu, Galileo) for precise performance measurements and predictive lap timing.

MEMBRANE KEYPAD

Featuring a membrane keypad with configurable functions, the PBC v2 delivers solid tactile feedback for a reliable user experience.

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.

FULLY CONFIGURABLE

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

SMART DATA LOGGING*

Equipped with built-in flash memory, the PBC v2 can log up to 128 different data channels for detailed post-analysis using PLEX software.

BUILT TO LAST

Constructed with high-quality components, the PBC v2 offers frequent firmware and feature updates, backed by robust support to ensure longevity and reliability.