



STACK Ltd.

Boost Controller Gauge

www.stackltd.com

Precisely monitor and control single or bi turbo petrol engine applications up to 30 PSI with this self-contained digital boost control from Stack. Intuitive menu options and push button programming supports a variety of turbocharger management strategies from basic high and low pressure settings, to more complex boost by RPM and boost by gear maps.

- Engineered for track day customers seeking to maximize their turbo charged vehicle performance.
- 4 Programmable Control Strategies: High, Low, RPM based mapping, Gear base mapping
- Peak "tell-tale" Memory
- Configurable Pro-Control output for activating accessories eg. pumps, etc (requires relay)
- 0-5 Volt analog output for data logger or other control module
- Programmable alarm and overboost protection
- User Selectable Units (PSI, BAR, kPa)
- RPM Display
- Programmable Radial LEDs optimize display resolution to your vehicle's requirements
- Optional barometric compensation mode allows the controller to adjust for changing atmospheric conditions such as ascending altitudes encountered in hill climb applications

Display

- 3 Character, Seven Segment Red LED, 9mm
- 30 Radial LED's, 270° Arc
- Resolution: 1 PSI (0.1 BAR / 10 kPa)
- Selectable units: PSI, BAR, kPa
- Accuracy: +/- 2% Full Scale
- Range: 30 PSI (2 BAR / 200 kPa)

P/N
ST3412



P/N
ST3462



Mechanical

Gauge Controller

- 46mm Dial Face
- 52mm Case Diameter x 43mm Deep (70mm incl. studs)
- 57mm Outer Bezel Diameter
- Weight: 74g

Map /Sensor

- 78mm Length
- 47mm Width
- 32mm Height
- Weight: 68g

3 Port Solenoid

- 38mm Length
- 24mm Width
- 51mm Height
- Weight: 80g

Inputs/Outputs

Inputs

- RPM
- Wheel Speed
- Map Sensor
- Pro-Control Input

Outputs

- Pro-Control Output
- Datalogger Output

Electrical

- 12-16V DC

For more information visit
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