



MICROTECH LT-16 SPECIFICATIONS



LT-16



KIT CONTENTS

ECU
Flying Lead Wiring Loom (Each Wire Individually Labelled)
Vacuum Hose
Fuel Pump Relay
Fuse Holder
Instruction Manual/Wiring Diagram
Microtech Sticker

GENERAL SPECIFICATIONS

Weight 475grams (ECU only)
Shipping Weight 1.675kg
Extruded Aluminium Case
1 Year Warranty
32 Bit Motorola Processor
Surface Mount Technology Circuit Board
Supports up to 12 Cyl & 4 Rotor Engines
Max readable RPM 15950
Max Readable Boost with Standard MAP Sensor 25 PSI
(30 PSI, 45 PSI & 65 PSI Upgrade Available as an Option)

FUEL DELIVERY

8x Injector Drivers capable of 4amp Peak/Hold
True Sequential Operation on 4 Cyl, 6 Cyl, 8 Cyl & Rotary Applications
Can Run Up To 4x High Impedance Injectors Per Driver
Tuneable in MAP or TPS Modes
Main Matrix Table has 16x16 Load Sites
RPM Tuning Range 500rpm to 9,000rpm
(10,000rpm & 12,000rpm Software Upgrade Available as an Option)
Overall Mixture Trim +/- 99%
Coolant Temp Correction
Air Temp Correction
Accelerator Pump Amount, Sensitivity & Time Compensation
Cranking Enrichment Correction
After Start Enrichment Correction
Cold Start Accelerator Pump Correction
Hard Cut RPM Limiter
Soft Cut RPM Limiter
Over Boost Limiter
Auxiliary Input Correction +/- 99%
Sequential, Group Fire, Staged & Auxilliary Injection Modes
2 Step/Launch Control Limiter

Injecting the fastest!

For more information contact our sales team or visit our website
e. sales@microtechEFI.com <http://www.microtechEFI.com>



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AUXILIARY INPUTS & OUTPUTS

- 1x Fixed RPM/MAP Based - ve switched AUX output (Shift Light etc)
- 1x Fixed Temperature Based - ve Switched AUX output (Thermo Fan etc)
- 1x Fixed -ve Switched PWM output (Idle motor)
- 1x +POS switched Auxiliary Input (2 step Limiter/Launch Control Etc)

DIAGNOSTICS

- Red LED Indicated Fault Code Triggered
- Data Page Indicates Where Fault Lies
- Operational Errors:
 - Over Boost, RPM Limit, RPM Cut, Max Duty, Water Temp, Voltage, Shift Light
- Self Test Mode runs all Injector & Ignition Outputs & Cycles AUX Outputs
- Amber LED Gives Visual of ignition Input Signal
- Green LED Gives Visual of Power on

PROGRAMMING /TUNING

- Using Microtech Laptop Adapter & Microtech Software
- Using Microtech Handset or Microtech Dash Unit
- 4 Maps Saveable to Microtech Laptop Adapter or Microtech Handset

DATA LOGGING & MAP STORAGE

- Data Logging Directly to Laptop
- Data Logging Sampling Rate 100 Times/Second
- Viewed Data Displays Average Readings 10 Times/Second
- Data Viewable in Text or Graph
- Playback Data Log
- Print Data Log
- Save Data Log to Disc
- Laptop Logging Standard
- On Board ECU Logging Available as an Optional Upgrade
- On Board Logging Holds 5 Minutes of Memory. User Definable Switch on/off Points

SENSORS

- Configured to Suit Application When Ordered

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