



MICROTECH LT-10s SPECIFICATIONS

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 500grams (ECU only)
Shipping Weight 1.3kg
Extruded Aluminium Case
1 Year Warranty
32 Bit Motorola Processor
Surface Mount Technology Circuit Board
Supports up to 8 Cyl & 2 Rotor Engines
Max readable RPM 15950
Max Readable Boost with Standard MAP Sensor 25PSI
(30 & 45psi Upgrade Available as an Option)

FUEL DELIVERY

4x Injector Drivers capable of 4amp Peak/Hold
True Sequential Operation on Most 4 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 9000rpm
(10000rpm & 12000rpm 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 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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IGNITION

4x Ignition Drivers
Ignition Setup Preconfigured for Engine Type
Configurable to suit 1- 8cyl engines using an external igniter
Configurable for Twin Distributors & 2 Rotor Engines
16 RPM Based ignition Points
16 Map Based Correction Points
16 Water Temp Based Correction Points
16 Air Temp Based Correction Points
Ignition Advance/Retard on Accelerator Pump
Ignition Advance/Retard on Aux Input Trigger
Ignition Trim Overall +/- 45deg
Ignition TDC Reference Adjustment on Some Applications
Ignition Timing Split Adjustment on Rotary Engines
Accuracy to 1 degree

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

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SENSORS

Configured to Suit Application When Ordered

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

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