

**SPECIFICATIONS**

<b>Supported Models:</b>	Nissan 350Z Z33 - (2003 -2006) Nissan Skyline V35 - (2003 -2006) Infinity G35 - (2003 - 2006)		
<b>Engine Codes:</b>	VQ35DE inc RevUp - (Single Throttle Only – Does not suit VQ35HR)		
<b>Transmission:</b>	Manual Only		
<b>Features:</b>	Direct plug and play replacement of the OEM ECU, No re-wiring necessary Uses the vehicles standard sensors & engine hardware Electronic Throttle Control - (Drive By Wire) with Cruise Control Retains instrument panel functionality via CAN communications Windows 2000, XP, Vista, Windows 7 compatible software Real time programming, instant hesitation free adjustment while engine is running Fully user definable 32 x 32 mapping with over 30 correction tables available Tuning via Volumetric Efficiency (VE) or Injection time OBDII Diagnostic Trouble Code Storing & Check Engine Light Control – Generic OBDII protocol Only Selectable onboard internal MAP sensor rated to 150kPa (up to 1.5 Bar or 22psi boost) Wideband “auto tuning” using user definable target AFR table USB and CAN Communication Port		
<b>Factory Outputs:</b>	6 x Fuel Injector outputs (Peak & Hold) AC Clutch Relay Thermo Fan Outputs	6 x Ignition outputs Check Engine Light Cruise Control	Electronic Throttle Control (DBW) Fuel Pump
<b>Factory Inputs:</b>	MAF sensor Narrow Band Oxygen sensors Air Temperature sensor Brake Switch	Throttle Position Sensor Coolant Temperature sensor Power Steering Switch	Knock Detection Sensor Vehicle Speed Sensor
<b>Expansion I/O:</b>	4 x Analogue Voltage Inputs, 1 x Digital Input, 4 x Digital Outputs		
<b>Configurable for:</b>	Aux Rev Limiter Flat Shift NOS Enable Fuel Pressure Sensor External Map Sensor (Up to 5 Bar) Oil Pressure Sensor Wideband O2 Sensors	Exhaust Gas Temperature Sensors Fuel Temperature Sensors Oil Temperature Sensors Diff Temperature Sensor Gearbox Temperature Sensor Generic Temperature Sensors Discrete ON/OFF Switches	Air Temperature Switch Aux Fuel Pump Boost Control Battery Light Generic Duty Output Nitrous Activation Switch Flex Fuel Sensor <i>Plus much more ....</i>
<b>Up to 36 more I/O channels are available using the optional Haltech I/O 12 and TCA 2/4 CAN Devices -</b>			
<b>Functions:</b>	Closed Loop O2 Control Closed & Open Loop Boost Control Fuel Composition (E85/Flex Fuel)	Knock Control Gear Setup Speed Limiter	Long Term Fuel Trim Nitrous Activation Output Antilag Launch  Rev Limiter Over Boost Decel Cut <i>Plus much more ....</i>
<b>Correction Tables:</b>	<b>Fuel</b> Cranking Air Temperature Correction Coolant Temperature Correction Map Correction Cylinder Trim Generic Correction 1 Generic Correction 2 Gear Correction	<b>Ignition</b> Cranking Air Temperature Correction Coolant Temperature Correction Zero Throttle Cylinder Trim Generic Correction 1 Generic Correction 2 Gear Correction	<b>Boost</b> Air Temp Target Correction Air Temp Duty Correction Coolant Temp Correction Gear Correction TPS Correction Generic Correction <i>Plus much more ....</i>
<b>Miscellaneous:</b>	Data Logging: 448Kb of onboard data logging, Storage for approx 40 minutes at 10 logs per seconds, 6 channels of data Max 20 channels logging capability Tune can be password protected in software Rugged anodized aluminum casing		
<b>Factory Functions</b>			
<b>Not Supported:</b>	Immobilizer, Wideband O2 Sensors		
<b>Power Requirements:</b>			
Source:	8.6 to 16.5 Volts DC		
Consumption:	530mA @ 12Volts DC		
<b>Operating Temperature:</b>	-40°C to 85°C (-40°F to 185°F)		
<b>Physical Specifications:</b>	Length: 168mm (182mm with MAP nipple) Width: 158mm Height: 42mm Weight: 690g (1.52 lb)		
<b>Platinum Pro Plug-in Kit Includes:</b>	Pro Plug-in ECU USB Cable Programming Software CD Quick Start Guide Instruction Manual (on CD) Haltech Sticker		

