

**SPECIFICATIONS**

<b>Engine Suitability:</b>	2 Rotor engines - 2 <sup>nd</sup> Generation RX7 (FC3S) / Turbo II , 3 <sup>rd</sup> Generation RX7 (FD3S) and RX8 (SE3P) Normally aspirated or forced induction Load sensing by throttle position or manifold pressure (MAP Sensor) Sequential Injection Distributor ignition systems or multi-coil systems			
<b>Trigger Types:</b>	Reluctor			
<b>Trigger Patterns:</b>	Mazda Rotary Multitooth 24 and 2 or Mazda Rotary RX8			
<b>Features:</b>	Real time programming, instant hesitation free adjustment while engine is running Windows 2000, XP, Vista, Windows 7 compatible software Fully user definable 16 x 16 mapping Selectable onboard internal MAP sensor rated to 150kPa (up to 1.5 Bar or 22psi boost) Tuning via Injection time Supports staged fueling USB and CAN Communication Port Custom sensor calibration allows for most factory sensors to be used 2 x User programmable outputs			
<b>ECU Fixed Outputs:</b>	4 x Fuel Injector outputs suitable for <b>high impedance injectors only</b> (ie:above 8Ω)			
<b>ECU Programmable Outputs:</b>	4 x Ignition outputs	Tacho	Thermo Fan	Fuel Pump
Configurable For:	2 x User Programmable Generic Outputs			
	Air Temp Switch	Aux Fuel Pump	Battery Light	Coolant Temp Switch
	Dual Intake Valve	ECU Diagnostic Light	Engine Control Relay	Engine Running Time Switch
	Generic Duty	Ignition Bypass	Intercooler Fan	Intercooler Spray
	MAP Sensor Switch	RPM Switch	Shift Light	Stall Saver
	Thermo Fan	TPS Switch	Vehicle Speed Switch	VTEC (Load Vs RPM Switch)
	Water Injection			
<b>ECU Inputs:</b>	Air Temperature	Aux Rev Limiter	Coolant Temperature	Manifold Absolute Pressure
	Roadspeed	Throttle Position	O2 Sensor (Narrowband or Wideband)	
<b>Functions:</b>	CAN Communication	Decel Cut	Gear Setup	O2 Control
	Over Boost	Rev Limiter	Transient Throttle Enhance	
<b>Tuning Tables:</b>	<b>Fuel</b>	<b>Ignition</b>		
	Base Fuel	Base Ignition		
	Injector Firing Angle	Rotary Split		
	Injection Angle Split	Crank Timing		
	Overall Trim	Overall Trim		
<b>Correction Tables:</b>	<b>Fuel</b>	<b>Ignition</b>		
	Air Temperature Correction	Air Temperature Correction		
	Barometric Correction	Coolant Temperature Correction		
	Coolant Temperature Correction	Post Start offset		
	Full Throttle Inj Time	Zero Throttle		
	Injector Dead Time			
	Map Correction			
	Post Start Enrich			
	Prime Pulse Time			
	Staging Bar Injection Time			
	Throttle			
	Zero Throttle			
<b>Miscellaneous:</b>	Tune can be password protected in software Small and compact design Rugged anodized aluminum casing			
<b>Power Requirements:</b>				
Source:	8.6 to 16.5 Volts DC			
Consumption:	360mA @ 12Volts DC			
<b>Physical Dimensions:</b>				
ECU Dimensions	Length:	134mm (154mm with MAP nipple)		
	Width:	64mm		
	Height:	28mm		
<b>Weight:</b>				
ECU:	195g (0.43 lb)			
Harness:	1020g (2.25lb)			
<b>Platinum Sprint RE Flying loom Kit Includes:</b>	Platinum Sprint RE ECU Platinum Sprint Flying loom USB Cable Programming Software CD Instruction Manual (on CD) Quick Start Guide Haltech Sticker			

