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ROAR Approved Non-Timing ESC

Manufacture	Part Number	Name/Description	Software Version	Affiliate	Tech Details	Special Notes
Calandra Racing Concepts	CRC4000	Advanced Electronics Black Diamond LV	2.1 software or higher			Has a blinking blue light when the throttle is in neutral and when set to the no-timing profile #1
Calandra Racing Concepts	CRC4002	Advanced Black Diamond	2.1 software or higher			Has a blinking blue light when the throttle is in neutral and when set to the no-timing profile #1
Castle Creations		Mamba Max Pro	V1.26			
Dynamite	DYNP1001	Platinum Sensored ESC	Software not upgradable			Blue LED flashes when throttle is at neutral in zero-timing mode.
Graupner GmbH & Co.	GM-Genius 120	Yellow, Red, and Green blink fast and at the same time in neutral position when the zero mode is active	V13.0			Users must use Mode 0-5 after factory reset or after delivery. Modes 6-9 have high speed timing, no LED blinking. No high speed timing is allowed to set with PC-software. Mode 2 is factory setting. If high speed timing, no LED blinking.
Graupner GmbH & Co.	GM-Genius 150	Yellow, Red, and Green blink fast and at the same time in neutral position when the zero mode is active	V13.0			Users must use Mode 0-5 after factory reset or after delivery. Modes 6-9 have high speed timing, no LED blinking. No high speed timing is allowed to set with PC-software. Mode 2 is factory setting. If high speed timing, no LED blinking.
Graupner GmbH & Co.	GM-Genius 75	Yellow, Red, and Green blink fast and at the same time in neutral position when the zero mode is active	Software Version V13.0			Users must use Mode 0-5 after factory reset or after delivery. Modes 6-9 have high speed timing, no LED blinking. No high speed timing is allowed to set with PC-software. Mode 2 is factory setting. If high speed timing, no LED blinking.
Graupner GmbH & Co.	GM-Genius 90	Yellow, Red, and Green blink fast and at the same time in neutral position when the zero mode is active	V13.0			Users must use Mode 0-5 after factory reset or after delivery. Modes 6-9 have high speed timing, no LED blinking. No high speed timing is allowed to set with PC-software. Mode 2 is factory setting. If high speed timing, no LED blinking.
Hacker Motor GmbH	TENSORIC10	Tensoric 10 Competition ESC (160A)	V3.0_120516			Zero timing – the RED LED Flashes when the ESC is active and throttle in neutral position.
Hobbico	DTXM1300	Duratrax DE10 Brushless Programable ESC				A blinking green LED will be displayed when the ESC is at 0 (zero) degrees of timing and the throttle

						is at neutral. Also, if the ESC is at any advancement in timing the LED will be solid green
Hobbywing	81020000(blue) or 81020011(black)	Justock Club SPEC	N/A			Zero timing and non-adjustable
Hobbywing	81020010(blue) or 81020011(black)	Xtreme Stock	508			Zero timing – the RED LED Flashes when the ESC is active and throttle in neutral position.
Hobbywing	81020050	Xerun 60A-SD V2.1 (Blue)	508			Zero timing – the RED LED Flashes when the ESC is active and throttle in neutral position.
Hobbywing	81020051	Xerun 60A-SD V2.1 (Black)	508			Zero timing – the RED LED Flashes when the ESC is active and throttle in neutral position.
Hobbywing	81020170	Xerun 120A-SD V2.1 (Blue)	508			Zero timing – the RED LED Flashes when the ESC is active and throttle in neutral position.
Hobbywing	81020171	Xerun 120A-SD V2.1 (Black)	508			Zero timing – the RED LED Flashes when the ESC is active and throttle in neutral position.
Hobbywing	81020210	Xerun 120A-1S (Black)	508			Zero timing – the RED LED Flashes when the ESC is active and throttle in neutral position.
Hobbywing	81020211	Xerun 120A-1S (Blue)	508			Zero timing – the RED LED Flashes when the ESC is active and throttle in neutral position.
Hobbywing	81020310 81020320 81020330	XERUN-120A V3	Software V3.1_121129_beta			ESC must use Profile #2, red LED on power button flashes when throttle is at neutral in non-timing mode
Hobbywing	81020340 81020350 81020360	XERUN-120A V3.1	Software V3.1_121129_beta			ESC must use Profile #2, red LED on power button flashes when throttle is at neutral in non-timing mode
KO Propo	40051	VFS-1 BMC Ver 1.5	Contact Mfg for Firmware Upgrade			Must use zero timing and zero Advanced Profile signified by blinking LED on switch.
KO PROPO America	4100	BLZ-350 ESC				Set to zero timing in firware. Cannot program any timing into ESC
Losi	LOSB9500	1/10th Xcelorin Brushless ESC	01.01.30			Must use zero timing and zero Advanced Profile signified by blinking color LED
Losi	LOSB9503	MSC540BL-S Sensored ESC, 13.5T Limit				There is no timing function available with this. There is no LED indication.
LRP	80960	Flow Competition	1.4 or 3.3 or 4.0 or 5.0			Zero timing – the Blue LED flashes when the throttle is in neutral position
LRP	80970	Flow Works Team	1.4			The blue LED flashes when the throttle is in the neutral position
LRP	80970	Flow Works Team	1.4 or 3.3 or 4.0 or 5.0			Zero timing – the Blue LED flashes when the throttle is in neutral position
LRP	LRP80100	Ai Brushless Reverse	N/A			

						Non-updateable; SC has no modes that will give any timing increase.
LRP	LRP80150	Ai Brushless Pro Reverse	N/A			Non-updateable; SC has no modes that will give any timing increase.
LRP	LRP80400	SPX Brushless Super Reverse	N/A			Non-updateable; SC has no modes that will give any timing increase.
LRP	LRP80410	Crawler ESC	N/A			Non-updateable; SC has no modes that will give any timing increase.
LRP	LRP80450	SPX Brushless Bullet Reverse	N/A			Non-updateable; SC has no modes that will give any timing increase.
LRP	LRP80500	Sphere Brushless ESC	N/A			Non-updateable; SC has no modes that will give any timing increase.
LRP	LRP80705	SPX Zero				Non-updateable; Zero timing when power profile is set to 0. Red LED will flash in neutral to indicate zero timing
LRP	LRP80905	LRP SXX Comp V2	1.3,1.5			Mode 3 timing must be set to "0″ signified by blinking blue LED in neutral
LRP	LRP809055	LRP SXX TC spec V2	1.3,1.5			Mode 3 timing must be set to "0″ signified by blinking blue LED in neutral
LRP	LRP80910	SXX Stock Spec Brushless	N/A			Non-updateable. Mode 3 timing must be set to "0″ signified by blinking blue LED when in neutral.
LRP	LRP80915	SXX Stock Spec V2	4.2,4.4			Desc: For Spec zero timing mode, both mode 2 (torque) and mode 3 (timing) must be set to zero. Blue LED will blink in neutral
LRP	LRP80999	SXX Mod and Stock Upgrade board	V 3.1			Zero timing-BLUE LED flashing
Novak	1730	Impact Brushless Racing ESC	000			Zero timing mode indicated by blinking whie LED. Note this is different than previous Novak ESCs
Novak	1852	The Club ESC	000			NO timing in this ESC
Novak	NOV1708	GTB2 Sportsman ESC Low Profile	000			There is NO timing in this ESC. The White LED will blink during the start up to "prove" it works, but will remain off during all normal operation to indicate that timing is "OFF".
Novak	NOV1709	GTB2 Sportsman ESC	000			The White LED will blink during the start up to
Novak	NOV1710	Novak GTB	N/A			
Novak	NOV1711	Novak GTB Spectrum	N/A			
Novak	NOV1712	Novak Slyder Drift	N/A			
Novak	NON1731	Novak Havoc 1 Cell	N/A			
Novak	NOV1732	Novak Havoc Sport	N/A			
Novak	NOV1733	Havoc 3S Brushless ESC				(this ESC can be run on 2S or 3S) No timing built into ESC
Novak	NOV1735	Novak Havoc Pro	N/A			
Novak	NOV1740	Kinetic Racing Brushless ESC	Version 1.0 software or higher			

						ESC must be set at Timing Level = 1 or Zero Timing (default)
Novak	NOV1741	Kinetic 1S Racing Brushless ESC	Version 1.0 software or higher			ESC must be set at Timing Level = 1 or Zero Timing (default) **Note, this ESC will be shipping in August 2010
Novak	NOV1743	OVAL SPEC 1S Brushless ESC	000			When NO timing in this ESC. The White LED will blink while powered on. If the white led is on then timing is active. NOTE this is different than past Novak ESC☐s
Novak	NOV1745	Havoc Pro SC Brushless ESC	Version 1.0 software or higher			ESC must be set at Timing Level = 1 or Zero Timing (default)
Novak	NOV1745	Havoc Pro SC w/XDRIVE ESC	000			There is NO timing in this ESC. The White LED will blink during the start up to "prove" it works, but will remain off during all normal operation to indicate that timing is "OFF."
Novak	NOV1748	GTB2 Low Profile W/XDRIVE ESC	000			There is NO timing in this ESC. The White LED will blink during the start up to "prove" it works, but will remain off during all normal operation to indicate that timing is "OFF."
Novak	NOV1749	GTB2 W/XDRIVE ESC	000			The White LED will blink during the start up to "prove" it works, but will remain off during all normal operation to indicate that timing is "OFF."
Novak	NOV1850	The Edge Brushless ESC w/Traxxas	000			There is NO timing in this ESC. The white LED will blink during start up to
Novak	NOV1851	The Edge Brushless ESC w/Tamiya	000			There is NO timing in this ESC. The white LED will blink during start up to
ORCA	OES112V1	ORCA Vritra VX-1Titanium Color	V3			Zero timing mode indicated by BLINKING blue LED at neutral. Using ORCA program box, set the following settings: Timing 0 Degree, Turbo delay off, Turbo timing Off, Turbo interval to 0. Software version displayed on program box.
ORCA	OES380VX	ORCA Vrita VX Orange/Ti/Blue	V3			Zero timing mode indicated by blinking blue LED at neutral. Using ORCA Program box set the following ESC settings. Timing 0 degree, Turbo delay off, Turbo timing off, Turbo interval to 0. Software version displayed on program box.
Savox	21ESC1160001	Razor160A	V1			Zero timing mode indicated by BLINKING blue LED at neutral
Speed Passion	12280	Cirtix Stock Club Race	Non-Programable			No Timing adjustments- Signified by blinking LED
Speed Passion	EXT98802LPF	LPF 2.1 ESC (Carbon, Silver, Blue)	V508			Must use zero timing and zero Advanced Profile signified by blinking LED

Speed Passion	EXT98802LPFSxx	GT2.1-EX ESC (xx=color,Carbon, Silver or Blue Version)	V508			Must use zero timing and zero Advanced Profile signified by blinking LED
Speed Passion	EXT98802PROSxx	GT2.1-ProStock ESC (xx=color, Black or Blue Version)	V508			Must use zero timing and zero Advanced Profile signified by blinking LED
Speed Passion	EXT98802PROxx	GT2-Pro ESC (xx=color, Carbon, Silver or Blue Version)	508			Must use zero timing and zero Advanced Profile signified by blinking LED
Speed Passion	SP000010	Reventon	V20			Zero timing mode indicated by blinking Red LED at neutral. Stock software file is STOCH0 Version 20 and is displayed on LCD and via PC software.
Speed Passion	SP000043	Reventon	V20			Zero timing mode indicated by blinking Red LED at neutral. Stock software file is STOCH0 Version 20 and is displayed on LCD and via PC software.
Speed passion	SP000048	Reventon Stock Club Race ESC ST0 (stock0)				There is no timing in this ESC, signified by blinking LED
Speed Passion	SP000060	Reventon	V20			Zero timing mode indicated by blinking Red LED at neutral. Stock software file is STOCH0 Version 20 and is displayed on LCD and via PC software.
Speed Passion	SP000061	Reventon	V20			Zero timing mode indicated by blinking Red LED at neutral. Stock software file is STOCH0 Version 20 and is displayed on LCD and via PC software.
Speed Passion	SP000063	Reventon	V20			Zero timing mode indicated by blinking Red LED at neutral. Stock software file is STOCH0 Version 20 and is displayed on LCD and via PC software.
Speed Passion	SP000064	Reventon	V20			Zero timing mode indicated by blinking Red LED at neutral. Stock software file is STOCH0 Version 20 and is displayed on LCD and via PC software.
Speed Passion	SP000162	Reventon	V20			Zero timing mode indicated by blinking Red LED at neutral. Stock software file is STOCH0 Version 20 and is displayed on LCD and via PC software.
Speed Passion	SP000222	Reventon	V20			Zero timing mode indicated by blinking Red LED at neutral. Stock software file is STOCH0 Version 20 and is displayed on LCD and via PC software.
Team Novak	1755	Pulse Brushless Pro 2S Racing ESC	V0			Zero timing- the white LED flashes when the throttle is in the neutral position. Note: The WHITE LED blinking on this Novak ESC is different than previous

						Novak ESCs where the white LED would be OFF to indicate zero timing
Team Orion	ORI65101	Vortex R10 Pro ESC (120A,1S-2S)	1.68			Zero timing □ the RED LED Flashes when the ESC is active and throttle in neutral position.
Team Orion	ORI65102	Vortex R10 Pro ESC (160A,2S-3S)	1.68			Zero timing □ the RED LED Flashes when the ESC is active and throttle in neutral position.
Team Orion	ORI65109	Vortex R10 Race ESC (90A,2S-3S)	1.68			Zero timing □ the RED LED Flashes when the ESC is active and throttle in neutral position.
Team Orion	ORI65120	Vortex R10 Stock Zero Timing	1.71			Zero timing-the Red LED Flashes when the ESC is active and throttle in neutral position
Team Powers	TP-XPS	Pro-C-V1.2 ESC Hardware Ver. 1.2	V0			Zero timing mode indicated by BLINKING Green LRD at neutral. ESC not firmware updateable
Team Powers	TP-XPS	EL-C40A ESC Hardware Ver. 1.2	V0			Zero timing mode indicated by BLINKING green LED at neutral. ESC not firmware updateable
Team Powers	TP-XPS/Sport	Sport-C-70 ESC Hardware Ver. 1.2	V0			Zero timing mode indicated by BLINKING green LED at neutral. ESC not firmware updateable.
Tekin	TT1152	Tekin RS ESC	223 ** NOTE NEW SOFTWARE PROFILE**			When in LOCKED no timing mode LED 3, 4, 5 will be on and blinking.
Tekin	TT1153	Tekin RS Pro ESC	223 ** NOTE: NEW SOFTWARE PROFILE			When in LOCKED no timing mode LED 3, 4, 5 will be on and blinking.
Tekin	TT1155	Tekin RS Gen2 Electronic Speed Control	V238			Zero timing locked SPEC mode- LED's 3, 4, and 5 flash for ROAR events. Unlocked zero timing is LED's 3, and 5 flashing
Viper RC Solutions	6VSVT01001	Viper VTX1	A55			GREEN LED Blinks on switch box in neutral
Viper RC Solutions	6VSVT10011	Viper VTX10	A55			GREEN LED Blinks on switch box in neutral
Viper RC Solutions	6VSVT10015	Viper VTX10 BE	A55			GREEN LED Blinks on switch box in neutral
Viper RC Solutions	6VSVT10R15	Viper VTX10 R	A55			GREEN LED Blinks on switch box in neutral
Viper RC Solutions	6VSVT10R20	Viper VTX10R BE	A55			GREEN LED Blinks on switch box in neutral