

**EP Off-Road**

www.aarcmmc.org

**AARCMCC**

Po Box 271  
Seven Hills,  
NSW 1730

**Gavin Bruce**

E Mail: ep.offroad@aarcmmc.org

## Stock Spec ESC List

<u>Manufacturer</u>	<u>Part Number</u>	<u>Name/Description</u>	<u>Software Version</u>	<u>Special Notes</u>
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	
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	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.

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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.
Hobbico	DTXM1300	Duratrax DE10 Brushless Programmable 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) 81020001(black)	Justock CluB SPEC	N/A	Zero timing and non adjustable
Hobbywing	81020010 (blue) 81020011 (black)	Xtreme Stock	508	Zero Timing - the RED LED Flashes when the ESC is powered up and the throttle stick is located in neutral position. The flashing frequency is about 2-2.5 times / second
Hobbywing	81020050 (Blue) 81020051 (Blk)	Xerun 60A-SD V2.0 V2.1 (Blue & Black Edition)	508	Zero Timing - the RED LED Flashes when the ESC is powered up and the throttle stick is located in neutral position. The flashing frequency is about 2-2.5 times / second
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Hobbywing	81020170 (Blue) 81020171 (Blk)	Xerun 60A-SD V2.0 & V2.1 (Blue & Black Edition)	508	Zero Timing - the RED LED Flashes when the ESC is powered up and the throttle stick is located in neutral position. The flashing frequency is about 2-2.5 times / second
Hobbywing	81020210 (Blk) 81020211 (Blue)	Xerun 120A-1S (Blue & Black Edition)	508	Zero Timing - the RED LED Flashes when the ESC is powered up and the throttle stick is located in neutral position. The flashing frequency is about 2-2.5 times / second
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	4100	BLZ-350 ESC		Set to zero timing in firmware. 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.
LRP	LRP80100	Ai Brushless Reverse	N/A	
LRP	LRP80150	Ai Brushless Pro Reverse	N/A	Non-updateable; SC has no modes that will give any timing increase.

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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 Competition Brushless ESC	Non – Updateable	Zero timing when in profile 0 and Red LED is flashing
LRP	LRP80905	LRP SXX "V2" Competition Brushless ESC		Must use zero timing and zero advanced profile signified by blinking blue LED when in neutral.
LRP	LRP80910	SXX Stock Spec Brushless ESC	N/A	Must use zero timing and zero Advanced Profile signified by blinking blue LED when in neutral.
LRP	LRP80915	SXX Stock Spec V2 Brushless ESC	N/A	Must use zero timing and zero Advanced Profile signified by blinking blue LED when in neutral.
LRP	LRP80955	SXX TC Spec V2 Brushless ESC	N/A	Must use zero timing and zero Advanced Profile signified by blinking blue LED when in neutral.

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Nosram	90915	Nosram Pearl SpecRacing V2 ESC		Must use zero timing and zero advanced profile signified by blinking blue LED when in neutral.
Nosram	90955	Nosram Pearl ISTC V2 ESC		Must use zero timing and zero advanced profile signified by blinking blue LED when in neutral.
Novak	NOV1709	Novak GTB 2 Sportsman		When all timing is OFF, then white LED will be OFF to indicate no timing active.
Novak	NOV1710	Novak GTB	N/A	
Novak	NOV1711	Novak GTB Spectrum	N/A	
Novak	NOV1712	Novak Slyder Drift	N/A	
Novak	NOV1731	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)
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)

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Novak Electronics	1850	The Edge Brushless ESC w/Traxxas	0	There is NO timing in this ESC. The white LED will blink during start up to "prove" it works, but will remain off during all normal operation to indicate that timing is "OFF"
Novak Electronics	1851	The Edge Brushless ESC w/Tamiya	0	There is NO timing in this ESC. The white LED will blink during start up to "prove" it works, but will remain off during all normal operation to indicate that timing is "OFF"
Speed Passion	Cirtix #12280	Cirtix Stock Club Race ESC	Non-programable	
Speed Passion	EXT98802LPF	GT-LPF 2.0 ESC (Carbon, Silver or Blue Version)	Version 508 Software	Must use zero timing and zero Advanced Profile signified by blinking LED
Speed Passion	EXT98802Pro	GT-PRO 2.0 ESC (Carbon, Silver or Blue Version)	Version 508 Software	Must use zero timing and zero Advanced Profile signified by blinking LED
Speed Passion	EXT98802LPFS	LPF 2.1 ESC (Carbon, Silver or Blue Version)	Version 508 Software	Must use zero timing and zero Advanced Profile signified by blinking LED
Speed Passion	EXT98802PROS	PRO 2.1 ESC (Carbon, Silver or Blue Version)	Version 508 Software	Must use zero timing and zero Advanced Profile signified by blinking LED

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Tekin	TT1152	Tekin RS ESC	V.212 Software	SPEC – Non Timing Mode is displayed by LED 3&5 blinking when armed and in neutral position.
Tekin	TT1153	Tekin RS Pro	V.212 Software	SPEC – Non Timing Mode is displayed by LED 3&5 blinking when armed and in neutral position.
Venom	VEN-1339	Venom 120A Pro Brushless V2 ESC	V 508 Software	When the speed control is correctly loaded with the Zero timing “508” version software, the ESC will have its RED LED Flash when powered up and in the neutral position. The frequency of this flashing sequence is approximately 2 to 3 times per second.
Viper RC Solutions	VTX10	#6VSVT10001 Sensored BL ESC w/ProGauge	A19	Non timing indicated by GREEN blinking status LED next to letter “S” on V-port switch housing. In Race Modified/Timing run modes the “S” LED will be off.
Viper RC Solutions	VTX10-lite	#6VSVT10002 Sensored BL ESC w/ProGauge	A19	Non timing indicated by GREEN blinking status LED next to letter “S” on V-port switch housing. In Race Modified/Timing run modes the “S” LED will be off.

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Viper RC Solutions	VTX10R-lite	#6VSVT10R02 Sensored BL ESC w/ProGauge	A19	Non timing indicated by GREEN blinking status LED next to letter "S" on V-port switch housing. In Race Modified/Timing run modes the "S" LED will be off.