

USER MANUAL



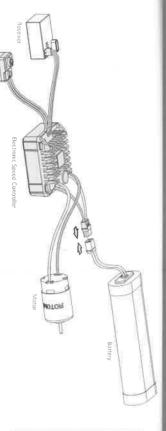
01 Introduction

02 Warnings

03 Features

Programming Port	Size / Weight	Connectors	BEC Output	LiPo / NIMH Cells	Motor Limit	Applications	Mator Type	Cont. / Peak Current	Model	04 Specifications
Separate Port	36.2 x 31.6 x 17.0 mm / 58.5g	Input End: XT60; Output End: No Connectors	6V/7 4V@ 3A (Switch-mode)	2-35 LiPo / 5-95 NIMH.	Brushed Motor Limit with 2S LIPo / 65 NIMH: ≥ 10T or RPM<30000@7.4V Brushed Motor Limit with 3S LIPo / 95 NIMH: ≥16T or RPM<2,6000@7.4V	1/10th Rock Crawler	Brushed Motor (540 / 550 / 775 size motors)	80A / 400A	QUICRUN WP Crawler Brushed	The state of the state of
					(540/550 size motors)					The second

05 Begin to Use a New Brushed ESC





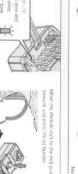
06 ESC Setup



1 Radio Calibration







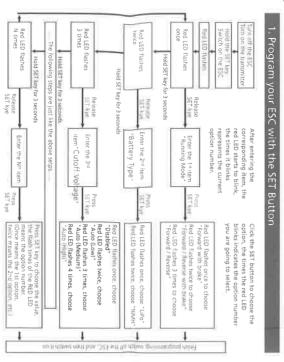


2 Power ON/OFF & Warning Tones

						7 (1)		A DEC VOIL
			168	Æ	ΦK	216	3.6	13 PWM Frequency
Level 8	Level 7	Level 6	Level 5	Level 4	Level 3	Level 2	Level 1	12. Start Mode/Punch
0.10ms	0.08ms	0.07ms	0.06ms	0.05ms	0.04ms	0,03ms	0.02ms	11 Neutral Range
Level 8	Level 7	Level 6	Level 5	Level 4	Lével 3	Level 2	Level 1	10.Drag Brake Rate
9806	80%	70%	60%	50%	1096	5%	9%	9. Drag Brake
43.75%	37.5%	31.25%	25%	18,75%	12.5%	6.25%	0%	8.Initial Brake Force
87.5%	75%	62.5%	50%	37.5%	2594	12.5%	70%	7. Max. Brake Force
				100%	75%	50%	25%	6.Max.Reverse Force
				1691	75%	50%	25%	5.Max. Forward Force
14%	12%	10%	%	6%	476	2%	0%	4. Initial Start Force
				Auto (High)	Auto (Medium)	Auto (Low)	Disabled	3.Cutoff Voltage
						HWIN	LiPo	2 Battery Type
					Fwd/Rev	Fwd/Rev/Brk	:Fwd/8rk:	1 Burning Mode
Option 8	Option 7	Option 6	Option 5	Opt an 4	Option 3	Option 2	Option 1	Programmable-item

ver to the motor in order to either keep the battery at a safe minimuage goes below the cutoff threshold. The RED LED will flash a short

ESC Programming







5 Factory Reset

when the throttle is at the neutral position (except during the ESC calibration and then a short, single flash that repeats indicating that you have successful the default mode. ramming) can factory reset your ESC. The Red LED flat all the default values within your ESC...Once you pow

07 Explanation for LED Status

08 Troubleshooting

The vehicle could run forward but could not reverse in	The moster suddiently stopped or significantly reduced its output in operation	The vehicle ran backward when you pulled the throttle trigger towards you 2.	The white moved forward or backward slowly when the theotie trigger was at the neutral position.	The ESC was unable to start the motor (but the Red status TI LED flashed) after it was powered on w	The ESC was unable to start the status (ED, the motor after it was powered on 2	Troutle(s).
The throttle neutral position on your transmitter was actually in the braking zone.	The receiver was influenced by some floorigh interference. The EVC protection was activated. The EVC thermal protection was activated.	The ESC-to-motor wining order was improved. Incorrectly set the direction of the throntal channel.	The throatte range was neg calibrated properly.	The throttle control cable was reversely plugged in or in the wrong channel on the receiver.	No power was susplied to the ESC The ISC west was damaged.	Possible Causes
Recalibrate the throttle neutral position. No LED on the ESC will come on when the throttle trigger Is at the neutral position	 Check all bevious and by to find out all possible ceases, and check the transmitter's battery withing The field CD steps flathing indicating the IVC penterplot is activated, so please replace your bottery put. The find CD steps flathing indicating the IVC penterplot is activated, so please replace your bottery put. The find CD steps flathing indicating the ESC florance protection in arterited, please recycle ESC cool shows before using it again. 	 Swap motor wret. Change the direction of the throttle channel from "NOR" to "REV" or "REV" to "NOR" 	Please recall rate the throttle range or fine time the neutral pooling on the transmitter.	Please plug the throttle control cable in the TH channel (usually CH2) on receiver or recalibrate the throttle range.	 Check II all ESC & battery joints or contractions have been well stidleted on firmly connected. Replace the broken writch. 	Solution(s)