

# LRP SXX BRUSHLESS SETTING GUIDE

## LRP SXX TC SPEC & SXX COMPETITION

Class	Track	Recommended VECTOR X12 Motor	Rotor Type	Gearing	SXX TC spec #80950				SXX Competition #80900				
					Mode 1* AutoCell System	Mode 2** ADPC2	Mode 3*** Initial Brake	Mode 4 Automatic Brake	Mode 1 Auto Cell System	Mode 2 ADPC2	Mode 3 Initial Brake	Mode 4 Automatic Brake	
6 cell NiMH ---- 7.4V LiPo	Onroad - TC	small track	5.0 turns	12.5mm	9.0:1	1	4	2	2	not rec.	not rec.	not rec.	not rec.
		large track	4.5 turns	12.5mm	8.5:1	1	5	1	1	not rec.	not rec.	not rec.	not rec.
		foam tires	5.0 turns	12.5mm	22.0mm	1	3	3	3	not rec.	not rec.	not rec.	not rec.
	Offroad - 2WD	high traction	7.5 turns	12.5mm	9.6:1	1	2	1	1	1	2	1	1
		low traction	8.5 turns	12.0mm	9.2:1	1	1	2	2	1	1	2	2
	Offroad - 4WD	high traction	6.5 turns	12.5mm	10.5:1	1	3	2	2	not rec.	not rec.	not rec.	not rec.
low traction		7.5 turns	12.5mm	9.8:1	1	2	3	3	not rec.	not rec.	not rec.	not rec.	
Offroad - Truck	high traction	6.5 turns	12.5mm	12.5:1	1	2	2	2	1	2	2	2	
	low traction	7.5 turns	12.0mm	11.8:1	1	1	3	3	1	1	3	3	
5 cell	Onroad - TC	small track	4.5 turns	12.5mm	9.0:1	2	4	2	2	not rec.	not rec.	not rec.	not rec.
		large track	4.0 turns	13.0mm	7.5:1	2	5	1	1	not rec.	not rec.	not rec.	not rec.
		foam tires	4.5 turns	12.5mm	24.0mm	2	4	2	2	not rec.	not rec.	not rec.	not rec.
4 cell	Onroad - 1/12th	small track	5.5 turns	12.5mm	35.0mm	2	4	1	1	2	4	1	1
		large track	5.0 turns	12.5mm	33.0mm	2	4	0	0	2	4	0	0

### MODE PROGRAMMING

- How to get into „programming the modes“ -> Press MODE button for 3 or more seconds.
- How to check the stored values -> Count the number of flashes of the blue SET-LED (1x = value 1, 2x = value 2, etc.).
- How to change the value -> Press SET button to increase value by one step.
- How to get to the next Mode -> Press MODE button once.
- How to leave the programming mode -> If you are in MODE.4, press the MODE button one more time

Important: do not turn the switch off before leaving Mode 4 (by one more press of MODE button) as otherwise your recent changes won't be stored in the memory of the SXX!

\* it is recommended to use value 2 for all types of NiMH cells and value 1 only when using LiPo.  
 \*\* use low mechanical motor timing and monitor motor temperatures when using ADPC2 values 5-10.  
 \*\*\* A good starting point for the brake is 80% on the radio, for all classes. Make sure you do the radio-setup with all settings on the radio on 100%.