Spektrum™ SPMXAE1015 15 AMP AVIAN™ SMART ESC

Specifications	Cont. Current	LiPo Cells	BEC Output	Size/Weight
SPMXAE1015	15A	2-4S LiPo	5.2V@ 3A	35x16x11mm/ 16g

Motor Wire and Connector	Battery Wire and Connector
100mm / 20AWG / 2mm Bullet	100mm / 20AWG / IC3

Wiring Diagram

* Not Included

Receiver *

Throttle Connection

Programming Port (two wires)

Battery Leads

Battery*
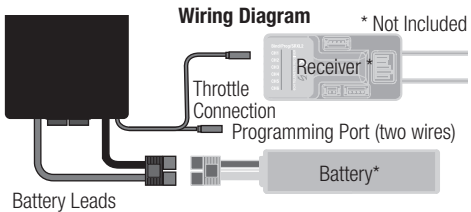
Other programming options include the SPMXCA200 Smart Avian ESC programming box and the SmartLink USB updating and programmer application. See SpektrumRC.com for more details about Avian ESCs.

Programming Parameter	One short tone	Two short tones	Three short tones	Four short tones	One long tone	One long and one short tone	One long and two short tones	One long and three short tones
1.Aircraft Type (One Short Tone)	Airplane	Heli						
2.Brake Type (Two Short Tones)	Disabled	Normal	Proportional	Reverse				
3.Brake Force (Three Short Tones)	Disabled	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
4.Voltage Cutoff Type (Four Short Tones)	Soft	Hard	Surge					
5.Number Of Lipo Cells (One Long Tone)	Auto Calc.	2S	3S	4S				
6.Cutoff Voltage (One Long Tone And One Short Tone)	Disabled	3.0V	3.2V	3.4V	3.6V	3.8V		
7.BEC Voltage (One Long Tone And Two Short Tones)	5.2V							
8.Start-Up Mode (One Long Tone And Three Short Tones)	Normal	Soft	Very Soft					
9.Timing (One Long Tone And Four Short Tones)	Low	Med	High					
10.Motor Rotation (Two Long Tones)	CW	CCW						
11.Freewheel Mode (Two Long Tones And One Short Tone)	Enabled	Disabled						
12.Governor Gain (Two Long Tones And Two Short Tones)	Level 1	Level 2	Level 3					
13.AR Time (seconds) (Two Long Tones And Three Short Tones)	0	45	90					
14.Restart Accel (seconds) (Two Long Tones And Four Short Tones)	1.0	1.5	2.0					
15.Thrust reverse (Three Long Tones)	Ch5	Ch6	Ch7	Ch8	Ch9			
16.Factory reset (Three Long Tones And One Short Tone)								