AVIAN™

SPEKTRUM®

Spektrum™ SPMXAE1120HV 120 AMP AVIAN™ SMART ESC

Specifications	Cont. Current	LiPo Cells	BEC Output	Size/Weight
SPMXAE1120HV	120A	6-14S LiPo	6.0V/7.4V/8.4V@ 8A	88x45x27mm/ 195g

Motor Wire and Connector	Battery Wire and Connector
150mm / 12AWG / 4mm Bullet	150mm / 12AWG / Dual IC5 (series)

Wiring Diagram

Throttle Connection

Receiver *

Dual BEC/ RPM for Telemetry (non Spektrum)

Battery Leads (Dual IC5)

Battery*

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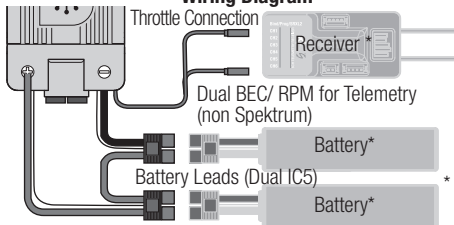
Other programming options include the SPMXCA200 Smart Avian ESC programming box and the SmartLink USB updating and programmer application. See SpektrumRC.com for more details about Avian ESCs.

* Not Included

64622   Avian 120 Amp ESC SPMXAE1120HV

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					
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						
5. Number of LiPo cells (One long tone)	Auto Calc.	6S	8S	10S	12S	14S		
6. Cutoff Voltage (One long tone and one short tone)	Disabled	2.8V	3.0V	**3.2V**	3.4V	3.6V	3.8V	
7. BEC Voltage (One long tone and two short tones)	**6.0V**	7.4V	8.4V					
8. Start-up Mode (One long tone and three short tones)	Normal	**Soft**						
9. Timing (One long tone and four short tones)	5deg	**15deg**	30deg					
10. Motor rotation (Two long tones)	**CW**	CCW						
11. Freewheel mode (Two long tones and one short tone)	**Enabled**	Disabled						
12. Factory Reset (Two long tones and two short tones)								
13. Exit (Two long tons and a series of short tones)	Exit							