

**DAPR**

# **Motorised Kit Speed Controller Guide**



## Electric Motor

Voltage - **DC 1.5v – 6v**

Speed – **3v/60RPM 6v/120RPM**

Current – **0.02A**

Notes – Comes with every motorised kit, pre wired and soldered, also available to purchase separately.



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## Option 1 – Speed Controller Only

Power – **1.8V – 6V**

Current – **2A**

Controller – **Speed Controller**

Notes – Controller comes preinstalled in a mountable casing with lid and connector block access, best suited for battery power supply.



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## Option 2 – Speed Controller & 3V Battery Holder

Power – **3V Battery Holder (2 x AA)**

Controller – **1.8V - 6V Speed Controller**

Notes – Controller comes preinstalled in a mountable casing with lid and connector block access.



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## Option 3 – Speed Controller & 6V Battery Holder

Power – **6V Battery Holder (4 x AA)**

Controller – **1.8V – 6V Speed Controller**

Notes – Controller comes preinstalled in a mountable casing with lid and connector block access.



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## Option 4 – Speed Controller with Forward/Reverse Control

Power – **6V - 24V**

Controller – **Speed Controller with Directional Control**

Notes – Controller comes preinstalled in a mountable casing with direction control switch, also with lid and connector block access. Suited for kits where forward and reverse is required. *Please note, running at full speed may damage the motor, however this is an unlikely scenario as the motor speed at 50% is more than fast enough for a realistic scale speed for any motorised kit we offer.*



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## Option 5 – Speed Controller with Forward/Reverse Control & 6V Battery Holder

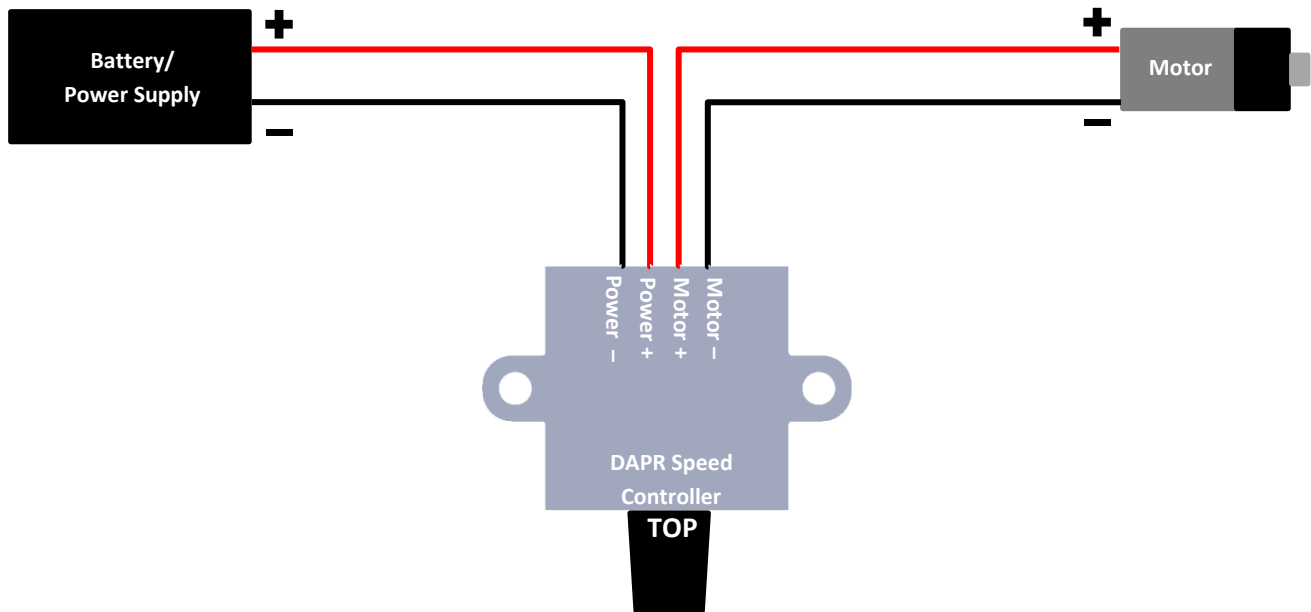
Power – **6V Battery Holder (4 x AA)**

Controller – **Speed Controller with Directional Control**

Notes – Controller comes preinstalled in a mountable casing with direction control switch, also with lid and connector block access. Suited for kits where forward and reverse is best suited.



## Wiring Guide



## Controller Combination Options

Model	N		OO	
	Controller	Voltage	Controller	Voltage
Avalanche	Both	3-6v		
Chair O Plane	Standard	3-6v	Standard	3-6v
Divebombers	Direction Control	3-6v	Direction Control	6v-12v
Excavator	Direction Control	3-6v		
Ghost Train	Standard	3-6v	Standard	3-6v
Hook A Duck			Standard	3-6v
Inverted Ship	Direction Control	3-6v		
Jet Ride	Standard	3-6v	Standard	3-6v
Jet Ride V2	Standard	3-6v		
Mobile Crane	Direction Control	3-6v		
Mobile Jets	Standard	3-6v	Standard	3-6v
Paratroopers	Standard	3-6v	Standard	3-6v
Shooting Gallery			Standard	3-6v
Spinball	Direction Control	3-6v	Direction Control	3-6v
Tower Crane	Direction Control	3-6v		
Twister	Direction Control	3-6v		
Vintage Crane	Direction Control	3-6v		
Waltzer	Direction Control	3-6v	Direction Control	6v-12v
Water Mill	Standard	3-6v		
Wind Turbine	Standard	3-6v		
Windmill	Standard	3-6v		

## Further Info and Tips

- Please carefully observe battery polarity when installing.
- Do not leave running motorised kits unattended and ensure power is off when not in use.
- To connect to a 12v supply you will need the directional control version.
- Use the diagram on the previous page to assist wiring the unit, please double check all connections.
- Controller case colours and knob style may vary.
- The information in the table above is only a recommendation, different controller combinations may better suit your requirements.
- For further help and support please contact [dapr3d@gmail.com](mailto:dapr3d@gmail.com)

