

Thanks for choosing MOTOR MAX MOTORS brushless motor., the high precision and efficiency motor for model flying. Before connecting your motor to the battery please read the following instructions to ensure a smooth operation of your motor.

1. The MOTOR MAX MOTORS motors are brushless type. They require a specific electronic speed controller (ESC) to control its operation. Please do not use the one you used for brushed motors.
2. Connecting the motor to the ESC. This motor is not compatible with Hacker or Kontronics ESCs. Using these ESCs may cause motor malfunction or damage to the motor.

Connect the 3 wires from motor to the ESC. There is no specific match of the 3-wires., it takes experiment to decide if the connection meets your requirement. If the propeller does not turn in the correct rotation direction, reverse or switch any two wires between ESC and motor.

3. Use only the recommended number of battery cells and propeller size. Over-size propeller and battery cells will deteriorate its performance or even damage the motor.

Motor Specifications:

	450XT	450TH	450F	450DH	480DH
weight / g	64	55	55	55	70
dia. , mm	27.7	27.7	27.7	27.7	29
length, mm	47	47	47	47	51
shaft lenft	15.5	14	15.5	13	16
battery	2-3	3-cell	3-4	4-cell	3-4 cell
no load	0.3	1.4	2		1.9A
Max A.	13	16.5A	16.5	18	16.5A
KV	950	2900	3450	4000	2280
thrust / g	510	200W	210W	220w	250W