

JR Parkmite Manual Supplement



The JR® Parkmite™ (JRP9043) is an ultra high quality, CNC machined aluminum micro RC helicopter designed for the experienced modeler.

The Parkmite features an ultra smooth and reliable belt driven tail rotor system, with CNC machined Delrin drive gears.

The Parkmite also features full ball bearings throughout.

Please read the information and recommendations before assembling and flying your Parkmite.

The Parkmite is an advanced micro RC helicopter, and is recommended for experienced modelers only.

Specifications

Length: 18.31 in

Width: 3.35 in

Height: 7.09 in

Weight: 13–17 oz

Main Rotor Diameter: 20.75 in

Tail Rotor Diameter: 4.02 in

Gear Ratio: 16:2:1:4.3

Bearings: Full

Required/Recommended to Complete
6-Channel Helicopter Radio with 4 Micro Servos: Spektrum DX6 (SPM6000)
Electronic Speed Control (ESC): Castle Creations Phoenix-25 (CSEPHX25)
Electric Motor: E-flite Park 370BL Inrunner (EFLM1000)
Motor Heat Sink (EFLM1911)
Battery Pack: Li-Po 730mAh: (THP7303SJPL)
Heading Lock Gyro: EFLRG90HL or equivalent.

Important Information and Assembly Tips

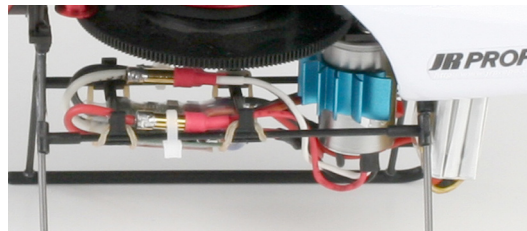
Motor Mounting Information: The recommended E-flite® motors from Horizon come with a special adapter ring that provides for the same mounting hole locations as the stock 370 can brushed motor that the Parkmite™ was originally designed for. This mount is required for the motor to properly attach to the motor mounting holes on the Parkmite frame. The cooling fin plate that is included with the Parkmite is not required if you are using the suggested E-flite motor heat sink mentioned above.

Gear Ratios: The following gearing is recommended for best performance with the JR® Parkmite:
4100 Kv motor: 10-tooth pinion gear
3600 Kv motor: 11-tooth pinion gear
The pinion/gear ratio will vary depending on the Kv value of the motor chosen.

ESC/Battery Pack Locations: To improve the final balance of the Parkmite, it is suggested that the recommended ESC and Li-Po battery pack be mounted in the location shown below.

Battery Pack Mounting: Attach the battery pack to the very front flat portion of the frame plate using a small patch of Velcro. Use a rubber band that is attached to both canopy mounting rods to hold the battery pack firmly to the model.

ESC Mounting: Attach the ESC to the center rails of the landing gear undercarriage using several wire ties as shown. Make sure that the ESC is securely attached and cannot move or come loose during flight.



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