

FLAME(Industrial) ESC User Manual

DISCLAIMER

Thanks for purchasing our Electronic Speed Controller (ESC). High power system for RC model can be very dangerous. Any improper use may result in injury and damage to human and devices. We strongly recommend that you read this manual carefully before use, and abide by its rules. We assume no responsibility for personal injury, property damage or consequential losses resulting from the product.

USER GUIDE

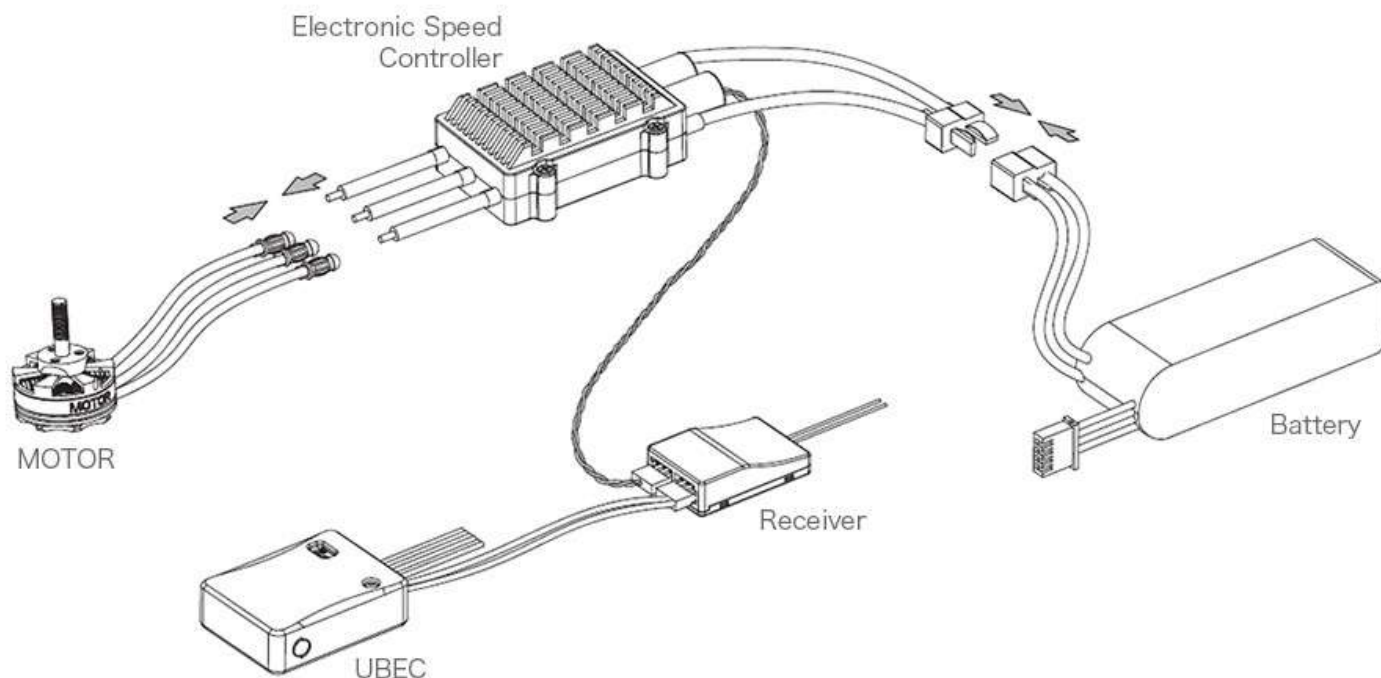
Model	Continuous Current	Peak Current (10s)	BEC	LiPo	Programable Item(s)	Weight (g)	Size /L*W*H (mm)
FLAME 60A 12S	60A	80A	NO	6-12S	NO	73.5	66.5*38.5*17.7
FLAME 70A 6S	70A	80A	NO	4-6S	NO	55	56.6*36.4*16.1
FLAME 80A 12S V2.0	80A	120A	NO	6-12S	NO	109	84*35.5*19.5
FLAME 100A 6S	100A	120A	NO	4-8S	NO	78.5	72.2*30.6*17.3
FLAME 100A 14S	100A	120A	NO	6-14S	NO	139	86.1*54.1*24
FLAME 180A 12S V2.0	180A	200A	NO	6-12S	NO	279	112.2*50.5*35.5
FLAME 200A 14S	200A	240A	NO	6-14S	NO	558	106*50*48.5

⚠ To avoid irreparable damage to ESCs, please keep strict compliance with the input voltage range !

THROTTLE CALIBRATION

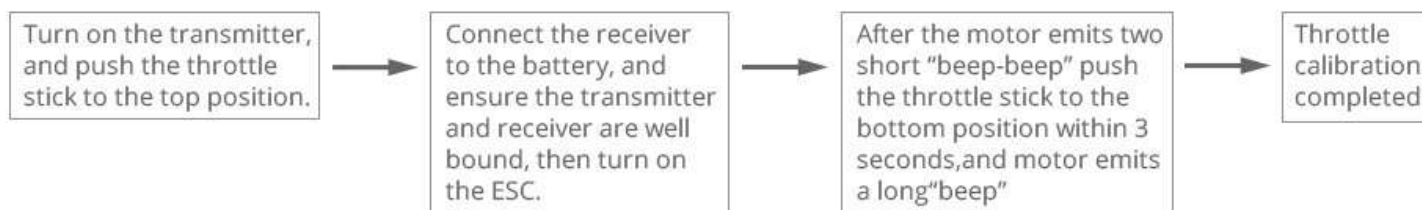
*Please calibrate the throttle range when you use a new FLAME ESC or RC.

Step 1: Wiring Diagram



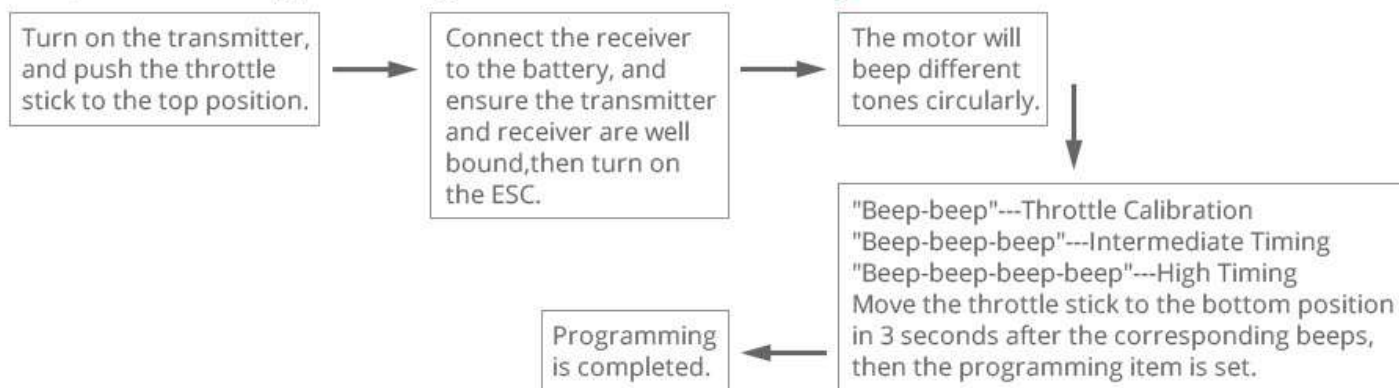
⚠ For safety sake, please remove the propellers during throttle calibration !

Step 2: Throttle Range Calibration



*If the throttle stick is not pushed to the bottom position, motor will emit short beeps. In that case, you need to recalibrate!

Step 3: ESC Programming (For FLAME 80A 12S V2.0 only)



NORMAL STARTUP PROCESS

