

eFOLDi Navigator Controller Fault Code Diagnosis

Controller Type	Failure phenomenon description	Failure cause analysis	Method settle an issue
	1、 Pressing the on button is not responsive and the indicator light does not light up	A. Battery problem;	Determine the battery is good or bad: 1, plug the charger directly into the controller XLR seat can be turned on then the battery is bad; 2, using a multimeter to detect the voltage, monitor the voltage at the same time as the power on, if the voltage is unchanged, indicating that the battery is normal;
	2、 After power on, the leftmost red LED light is on.	B, poor contact or damage to the on button	Send the user a silicone button or return to the factory to replace the parts
	At the same time, the acoustic alarm sounds (cycle of one sound, with an interval)	C, Controller circuit failure;	Return to the factory for testing
	3, after power on the buzzer two short sound (cycle two sound, two sound an interval); Five power indicator light flashes twice	Extreme low battery power	Please charge for more than 30 minutes and then turn on the machine, or refer to the battery problem solution
	4、 After power on the buzzer three short beeps (cycle of three beeps, three beeps an interval); Five power indicator flashes three times	Left side motor (motor) failure	To determine the cause of motor failure: 1, please check whether the left motor (motor) contact is bad or the wire is disconnected; 2, please swap the left and right motor cable plugged, and then turn on the power again, if the controller is still 2 sounds, then it is the controller failure, need to return to the factory for testing; if the controller is alarmed by the 4 sounds, then it is the motor failure.
	5、 After the power on, the buzzer will sound four times (cycle of four beeps, four beeps at a time interval); Five power indicator light flashes four times.	Left side brake failure	To determine the cause of motor brake failure: 1, please check the left side of the brake is poor contact, or brake break switch is damaged; 2, please swap the left and right motor cable inserted, and then turn on the power again, if the controller is still 3 sound, it is the controller failure, you need to return to the factory for testing; if the controller is the alarm 5 sound, it is the motor brake failure.

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Brushless Split	6、 After power on the buzzer five short beeps (cycle five beeps, five beeps an interval); Five power indicator flashes five times	Right side motor (motor) failure	To determine the cause of motor failure: 1, please check the right side of the motor (motor) contact is not good or wire disconnection; 2, please swap the left and right motor line plugged, and then turn on the machine again, if the controller is still 4 sound, it is the controller failure, you need to return to the factory for testing; if the controller is the alarm 2 sound, it is the motor failure.
	7, after power on the buzzer seven short beeps (cycle of seven beeps, seven a interval); Five power indicator flashes seven times.	Right brake malfunction	To determine the cause of motor brake failure: 1, please check the right side of the brake is poor contact, or brake disconnect switch is damaged; 2, please swap the left and right motor cable inserted, and then turn on the power again, if the controller is still 5 sound, it is the controller failure, you need to return to the factory for testing; if the controller is the alarm 3 sound, it is the motor brake failure.
	Five-position power indicator flashes seven times	Rocker failure	1、 Please check whether the rocker is back to the position? The rocker cable is not inserted in place, the rocker cable has a needle out. 2、 Rocker bad, need to return to the factory inspection
	8、 After power on the buzzer eight short sound (cycle eight sound, eight sound an interval); Five power indicator flashes eight times	Internal fault	Return to the factory for inspection
	9、 After power on the buzzer nine short sound (cycle nine sound, nine sound an interval); Five power indicator flashes nine times	Left Hall wire fault	To determine the cause of the failure of the left Hall line: 1, please check the left side of the motor (motor) contact is not good or disconnected wires; 2, please swap the left and right motor line inserted, and then turn on the power again, if the controller is still 9 sound, it is the controller failure, you need to return to the factory for testing; if the controller is the alarm 10 sound, it is the motor Hall line failure.

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	10、 After power on the buzzer ten short sound (cycle ten sound, ten sound an interval); Five power indicator flashes ten times	Right Hall wire fault	To determine the cause of the right hall wire failure: 1, please check the right motor (motor) contact is bad or wire disconnection; 2, please swap the left and right motor wire plugged, power on the machine again, if the controller is still 10 sounds, it is the controller failure, you need to return to the factory for testing; if the controller is the alarm 9 sounds, it is the motor hall wire failure.
Combined key functions	Adjustment of maximum forward speed	Controller power on, first press the deceleration key "-", and then press the acceleration key "+", press down at the same time without letting go, about 5S or so, into the programming mode state: the power indicator flashes back and forth when you let go, if you want to adjust the forward speed, which press the acceleration key "+". If you want to adjust the forward speed, this press the acceleration key "+" adjusted to the maximum and then turn off the machine can be. Conversely, press the deceleration key "-" to adjust to the minimum.	Common to all controllers
	Lead-acid lithium battery type switching	Controller power on, first press the horn key, and then press the acceleration key "+", and at the same time press down without letting go, about 5S or so, into the programming mode state: power indicator light flashes back and forth let go, and then turn off the controller to realize the lithium-ion lead-acid mode free switching (power on a sound lead-acid mode, power on a sound ternary lithium mode, power on a sound 3) sound lithium iron phosphate mode)	Common to all controllers

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	Free switching of reverse sound	Controller power on, first press the horn button, then press the accelerator button "-", at the same time press down without letting go, about 5S or so, into the programming mode state: power indicator light flashes back and forth let go, and then the controller can be realized when the controller is turned off the reverse sound free switching	Brushless slope controllers, brush controllers imported from August, 2021