

**DUAL CONTROLLER DT40A1(40A each motor)**

**Accept 36-60V battery**

**Body size 155 x 93 x 48(L-W-H) mm**

**Please noted that this controller only can control motor forward and reverse, it can not make motor turning left or right.**

序号 No.	图片 image	颜色 color	功能 function	使用方法 usage
1		相线: 黄绿蓝 霍尔线: 红黑黄绿蓝	Phase cables: Thick yellow blue green Hall sensors wires: red +5V, yellow, green, blue, black GND	与电机霍尔线和相线对插 Need to connect with motor phase cables and hall sensors cables
2		电门锁 Power lock	控制控制器开关 Gray wire Red wire: B+  Power on/off(enable controller)	控制器开关, 对插后控制器正常 工作 Use a key or button switch to enable or disable controller
3		学习线 Detecting wires	识别电机参数 Two white wires  Detecting motor data	控制器接通电池, 电门锁开关接 通, 对插后电机自动旋转, 保 持2-3秒后, 拔开即可 When controller is powered, connecting them together, the motor will run automatically, keep it 2-3 seconds and then dis-connect them. It can also be used for changing the motor default running direction
4		电压选择 Voltage option	36v 电池选择开关 Two pink wires  If you use 36v batter, they need to be connected together	对插可使用 36v 电池 If you use 36v battery, this two wires need connecting together.
5		双驱选择开关 Dual/single motor drive switch	选择单驱动或者双驱动 Green-white wire and black wires  To drive two motors, they need connecting together	对插驱动 2 个电机, 拔开驱动一 个电机 If they are not connected together, controller will drive only one motor
6		调速线 Throttle wires	调整电机速度 Red: +5V Green:speed single Black:GND	使用调速把或者电位器 (10K) 调速。 Using hall sensor throttle, please pay attention to the wires.
7		刹车线 braking	电子线性刹车 Blue-white wire Black wire Red wires  E braking Red: +5V Blue: braking signal	使用调速把或者 0-5v 电压刹车 Use use 0-5V input to brake the motor, the higher voltage, the stronger braking. Or use a throttle to brake
8		倒车开关 Reverse switch	控制电机倒车 Yellow wire Black wire  To control motor reversely	接通后电机反转, 调速把归零后 生效 Connect together, motor will run reversely in full speed. Throttle needs re-starting
9		三档开关 3-gears switch	控制电机不同档位最高速度 Brown wire Black wire Red wire  Control different top speed	咖啡色和黑色短接是低档, 红白 和黑色短接是高档 Brown to Black wires : lower speed Red to black wires: higher speed