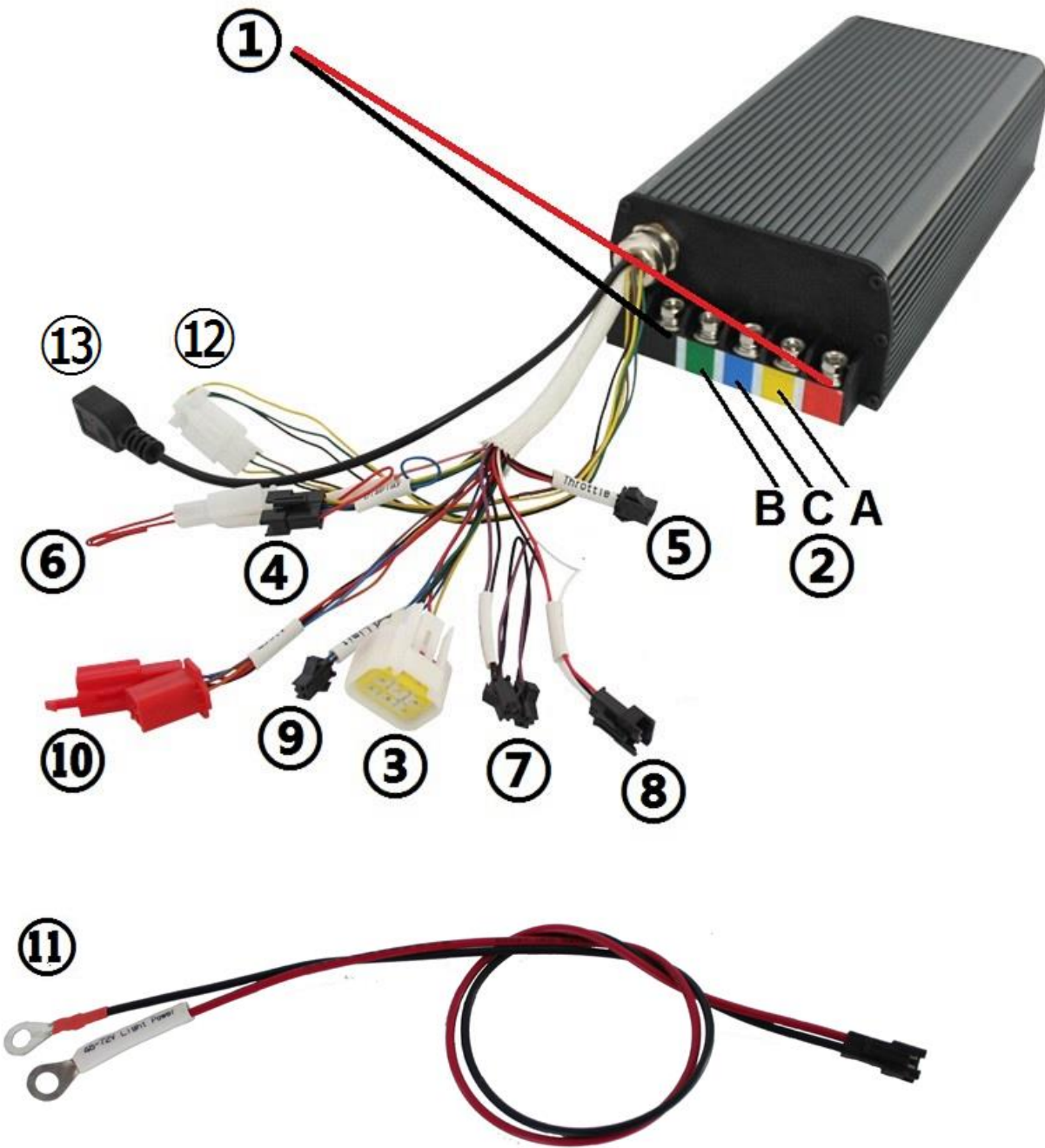


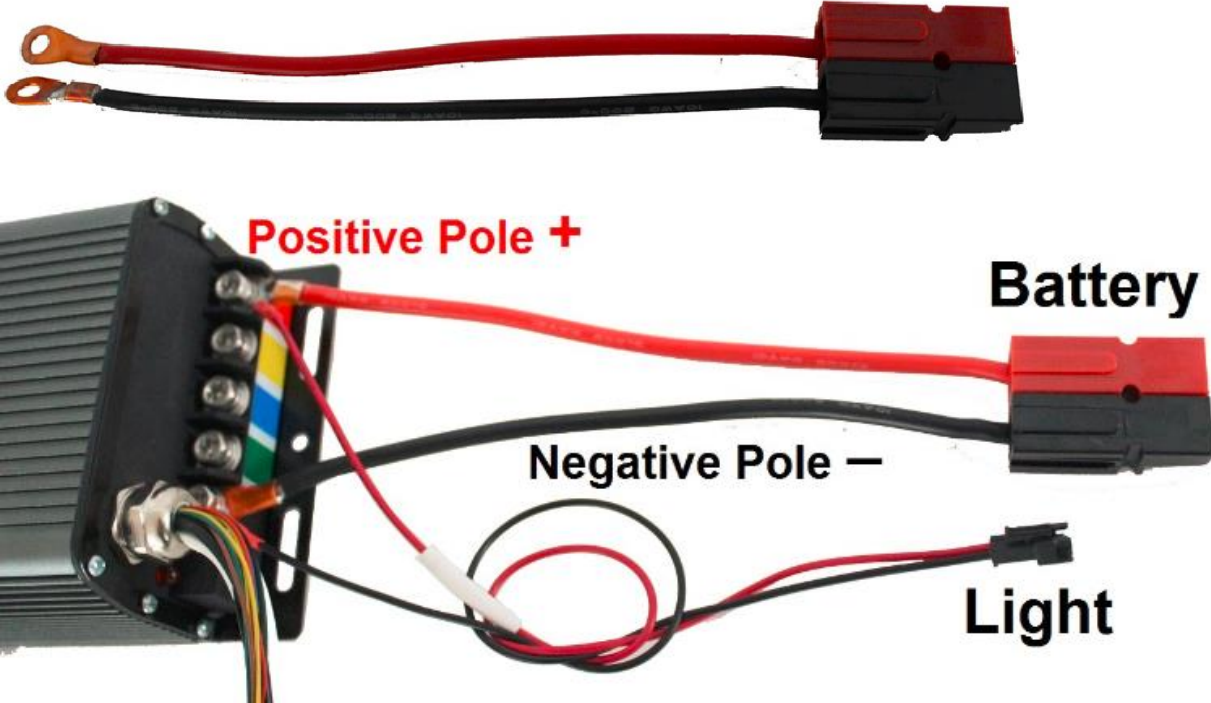
Controller Connection Manual



1. Power Supply Cable (Connection Pole + Anderson Adapter Cable):

Connection Pole on Controller	"O" ring to Anderson Plug Adapter Cable	Battery Side
Red: Positive	Red: Positive	Red: Positive
Black: Negative	Black: Negative	Black: Negative

① Battery Power Adapter Cable (From "O" ring to Anderson Plug)



2. Motor Cable 3-Phase Connection:

Connection Pole on Controller 3-Phase

Controller Side	Motor Side
Yellow: A Phase	Yellow: A Phase
Blue: C Phase	Blue: C Phase
Green: B Phase	Green: B Phase

3. Motor Cable Hall Sensor Connection:

Hall sensor: White DJ7061Y-2.3-21 Female Plug

Controller Side	Motor Side
DJ7061Y-2.3-21 Female (White)	DJ7061A-2.3-11 Male (or DJ7061A-2.8-11 Male)
Red	Red
White	If your motor has internal speed detector hall sensor, please plug this, otherwise just keep it empty.
Black	Black
Yellow	Yellow
Green	Green
Blue	Blue

If your motor use DJ7061A-2.8-11 Male plug, please kindly use the adapter cable we supplied: DJ7061A-2.3-11 Male --- DJ7061Y-2.8-21 Female)

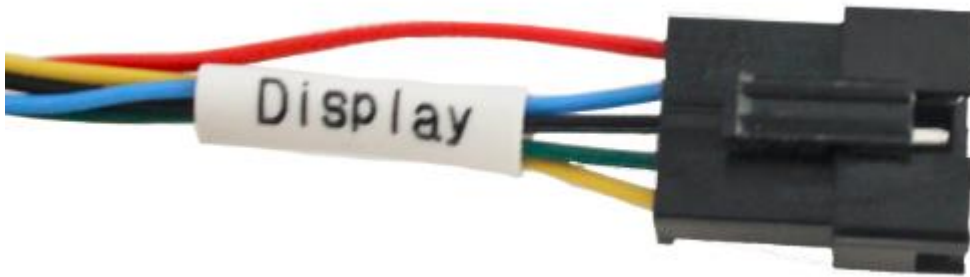
Hall Sensor Adapter Cable (from DJ7061A-2.3-11 to DJ7061Y-2.8-21 Plug)



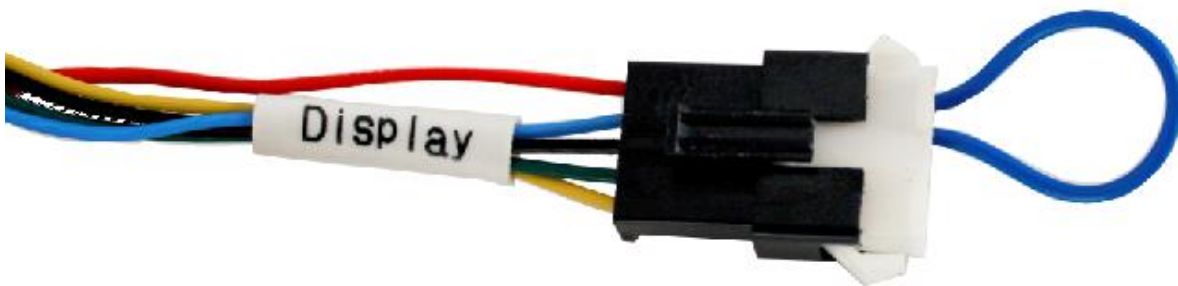
If you want motor rotate as reverse direction with original speed, then just need to change setting via computer or mobile phone: "Parameter Setting--MOTOR--Motor Rotate Direction", change value as 0 or 1

4. LCD Control Panel Connection: Black SM-5A Male plug

Controller Side	LCD Side
SM-5A Male (Black)	SM-5A Female
Red	Red
Blue	Blue
Black	Black
Green	Green
Yellow	Yellow



If you don't want to use LCD, please just plug the jumper connector as follow photo (connect red and blue):



5. Throttle Connection: Black SM-3Y Female Plug

Controller Side	Throttle Side
SM-3Y Female (Black)	SM-3Y Male
Red	Red
Black	Black
Green(Signal)	White or other color(signal)



6. Electric Lock: White 2.8B-2 Female plug

Controller Side

DJ7021Y-2.8-21 Female (White)

Red

Pink



If you use your own throttle and without electric lock, then please just loop as follow photo:



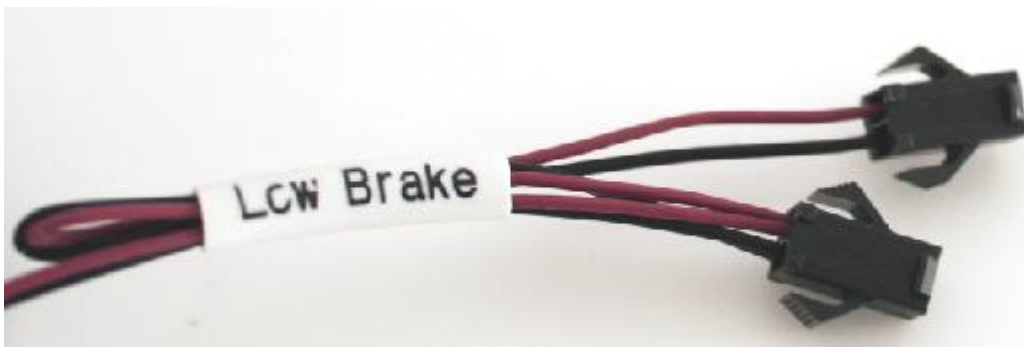
7. Brake Levers Connection: 2 x Black SM-2Y Female plugs

Controller Side

2x SM-2Y Female (Black)

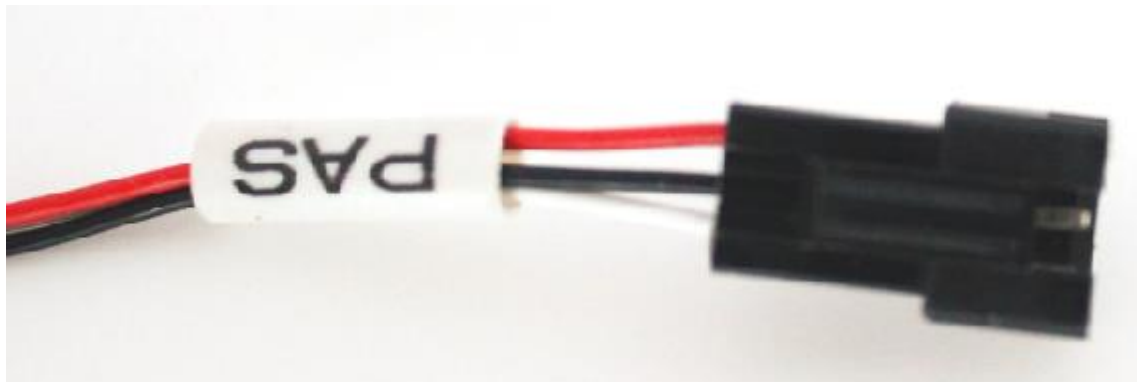
Black

Brown



8. PAS Connection: Black SM-3A Male plug

Controller Side	PAS Side
SM-3A Male (Black)	SM-3A Female
Red	Brown
Black	Black
White (Signal)	Yellow(Signal)



9. Speed Limit Connection: Black SM-2Y Female plug

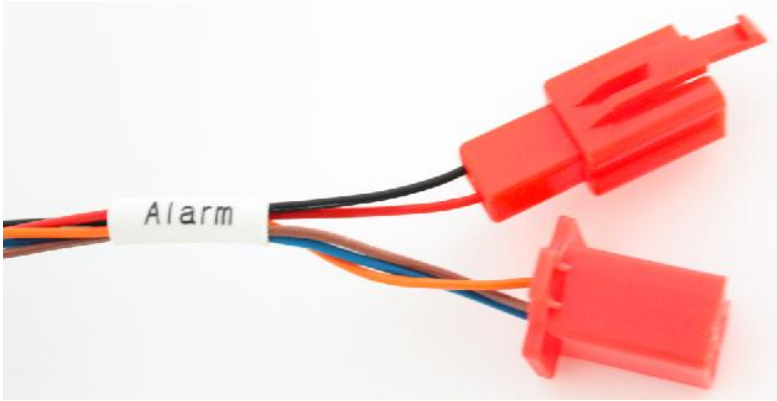
Controller Side
SM-2Y Female (Black)
Blue
Blue

If you want to active definite value speed limit at any time, please set speed limit value via computer or mobile phone (set percentage of full speed), and then install a switch on handlebar, you can active or cancel speed limit through this switch.



10. Alarm Connection: Red DJ7021A-2.8-11 Male, Red DJ7021Y-2.8-21 Female Plugs

Controller Side
DJ7021A-2.8-11 Male (Red)
Red (Power input Positive)
Black (Power input Negative)
DJ7021Y-2.8-21 Female (Red)
Yellow
Brown
Blue



11. Head Light Connection: "O" ring to Black SM-2A Male (Black) plug
Controller Side ("O" ring to SM-2A Male)

SM-2A Male
 Red
 Black

SM-2Y Female
 Your switch/head light positive wire
 Your head light negative wire



12. Bluetooth Connection:

DJ7031A-2.8-11 Male(White) + DJ7031Y-2.8-21 Female(White)

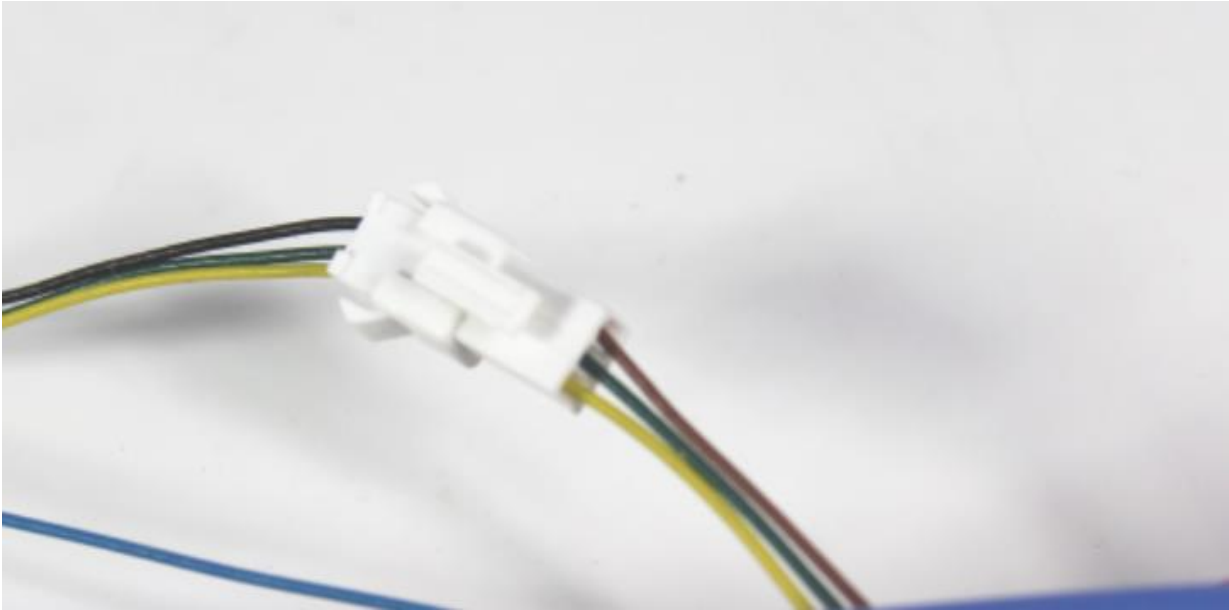
Controller Side

DJ7031A-2.8-11 Male (White)
 Yellow
 Green
 Brown

DJ7031Y-2.8-21 Female (White)
 Yellow
 Green
 Black

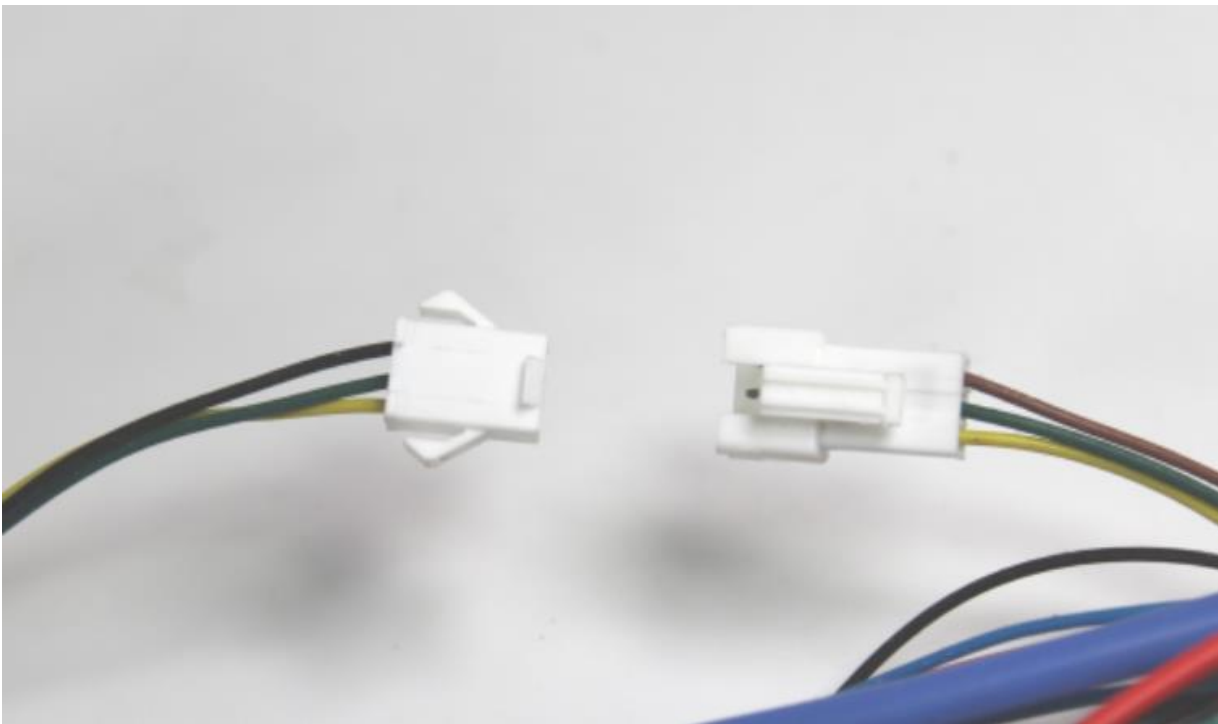
(1). Connected:

If you use colorful display TFT750C, please connect both plugs (please check below photo).



(2). Disconnected:

If you use Bluetooth module and not use colorful display TFT750C, please disconnect both plugs (please check below photo).



13. USB Data Cable Connection:



(1) Connect with computer via USB Adapter Cable



(2). Connect with mobile phone via Bluetooth module

