

1, Connect to Landing gear motor

Use G1 > Nose G2 > Left G3 > right

If insert motor reversed, just need to reverse plug up and down position.

2, Connect brake

Use B and B2, no left and right request.

3, Connect gear door servo

Use D1A, D2A, D3A, D1B, D2B, D3B

Attention: Servo output voltage is battery voltage.

For example: use 7.4V battery, servo output voltage is same as 7.4V.

If use low voltage normal servo (with 7.4V battery voltage) need use voltage adapter.



4, Connect battery

Multiplex type connector, black is negative, red is positive.

5, Status display

This function is showing controller condition.

Display landing gear battery volt.

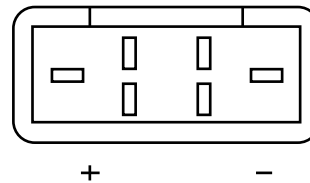
L and T is landing gear access status, L for landing, T for take off.

N and B is brake status, B for brake, N for no brake.

X X X is three status of landing gear. XXX means the power just on. ^^^ means landing gear is retracting,

VVV means landing gear is extending, LLL means landing gear is extended,

TTT means landing gear is retracted.



7.4V	L	N
	X	X

6, Programming

Press button menu + for gear up, press button menu - for gear down.

7, SET UP CURRENT and TIME

You can set up the value of the current in the 3 steps (start, movement, stop)

You can setup the duration of this steps. Pls take a look in the graph.

We suggest: MnS1 = 2.5 A
 Mn S2 = 2 A MnT2 = 0.6 s
 MnS3 = 0.6 A MnT3 = 3 s

MnS1

Set up the first segment current.

MnS2

Set up the second segment current.

MnS3

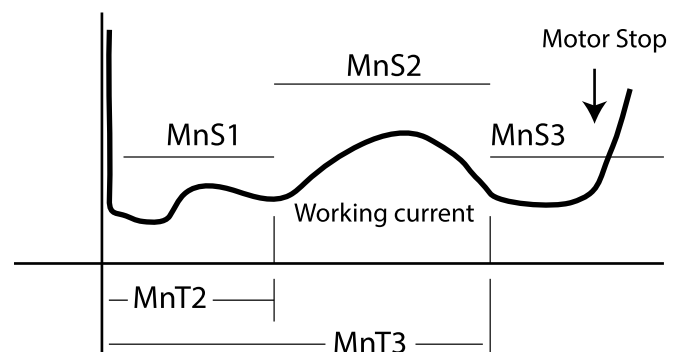
Set up the third segment current.

MnT2

Set up the start time of the second segment current.

MnT3

Set up the start time of the third segment current.





8, ABS (Anti-locked Braking System)

This function is to set the ABS brake rate. The bigger the value, the stronger the braking force.
The smaller the value, the smaller the braking force. When the value is set to 100%, no ABS function.

ABS

100%

9, BO-GU (Door B Open ---- Gear Up)

Setup up the time interval between opening door B and retracting gear

BO-GU

2

10, GU-DC (Gear Up ---- All Door Close)

Setup up the time interval between retracting gear and closing all doors

GU-DC

2

11, DO-GD (All Doors Open ---- Gear Down)

Setup up the time interval between opening all doors and gear lowering

DO-GD

2

12, GD-BC (Gear Down ---- Door B Close)

Setup up the time interval between gear lowering and closing door B

GD-BC

2

13, D1AO (Door 1 A Open)

D1AO set the servo position for the No.1 main wheel door opening

D1AO

1300

14, D1AC (Door 1 A Close)

D1AC set the servo position for the No.1 main wheel door closing

D1AC

1100

15, D2AO (Door 2 A Open)

D2AO set the servo position for the No.2 main wheel door opening

D2AO

1300

16, D2AC (Door 2 A Close)

D2AC set the servo position for the No.2 main wheel door closing

D2AC

1100

17, D3AO (Door 3 A Open)

D3AO set the servo position for the No.3 main wheel door opening

D3AO

1300

18, D3AC (Door 3 A Close)

D3AC set the servo position for the No.3 main wheel door closing

D3AC

1100

19, D1BO (Door 1 B Open)

D1BO set the servo position for the No.1 secondary wheel door opening

D1BO

1300

20, D1BC (Door 1 B Close)

D1BC set the servo position for the No.1 secondary wheel door closing

D1BC

1100

21, D2BO (Door 2 B Open)

D2BO set the servo position for the No.2 secondary wheel door opening

D2BO

1300

22, D2BC (Door 2 B Close)

D2BC set the servo position for the No.2 secondary wheel door closing

D2BC

1100

23, D3BO (Door 3 B Open)

D3BO set the servo position for the No.3 secondary wheel door opening

D3BO

1300

24, D3BC (Door 3 B Close)

D3BC set the servo position for the No.3 secondary wheel door closing

D3BC

1100