



# JMB-Jets Viper SL

## Instructions



## **Specifications:**

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**Wingspan 2270 mm**

**Length 2050 mm**

**Full composite Airex**

**Weight !!! Only 8,2kg dry !!!**

**For turbines: 8-12kg max**

Dear Customer, thank you for purchasing our JMB-Jets jet product. Following you can find greater information for building and flying this model. Before you get started building and setting-up your aircraft, please make sure you have read this Instruction manual and understood it. If you have any questions, please don't hesitate to contact us.

Liability Exclusion and Damages, you have acquired a kit, which can be assembled into a fully working R/C model when fitted out with suitable accessories, as described in the instruction manual with the kit.

However, as manufacturers, are not in a position to influence the way you build and operate your model, and we have no control over the methods you use to install, operate and maintain the radio control system components. For this reason we are obliged to deny all liability for loss, damage or costs which are incurred due to the incompetent or incorrect application and operation of our products, or which are connected with such operation in any way. Unless otherwise prescribed by binding law, the obligation of our company to pay compensation is excluded, regardless of the legal argument employed.

This applies to personal injury, death, damage to buildings, loss of turnover and business, interruption of business or other direct and indirect consequent damages. In all circumstances our total liability is limited to the amount which you actually paid for this model.

**BY OPERATING THIS MODEL, YOU ASSUME FULL RESPONSIBILITY FOR YOUR ACTIONS.**

It is important to understand that the factory, is unable to monitor whether you follow the instructions contained in this instruction manual regarding the construction, operation and maintenance of the aircraft, nor whether you install and use the radio control system correctly. For this reason, we are unable to guarantee, or provide, a contractual agreement with any individual or company that the model you have made will function correctly and safely.

You, as operator of the model, must rely upon your own expertise and

judgement in acquiring and operating this model

# Installation

Take out all components

You will find

- retract module with integrated sequencer

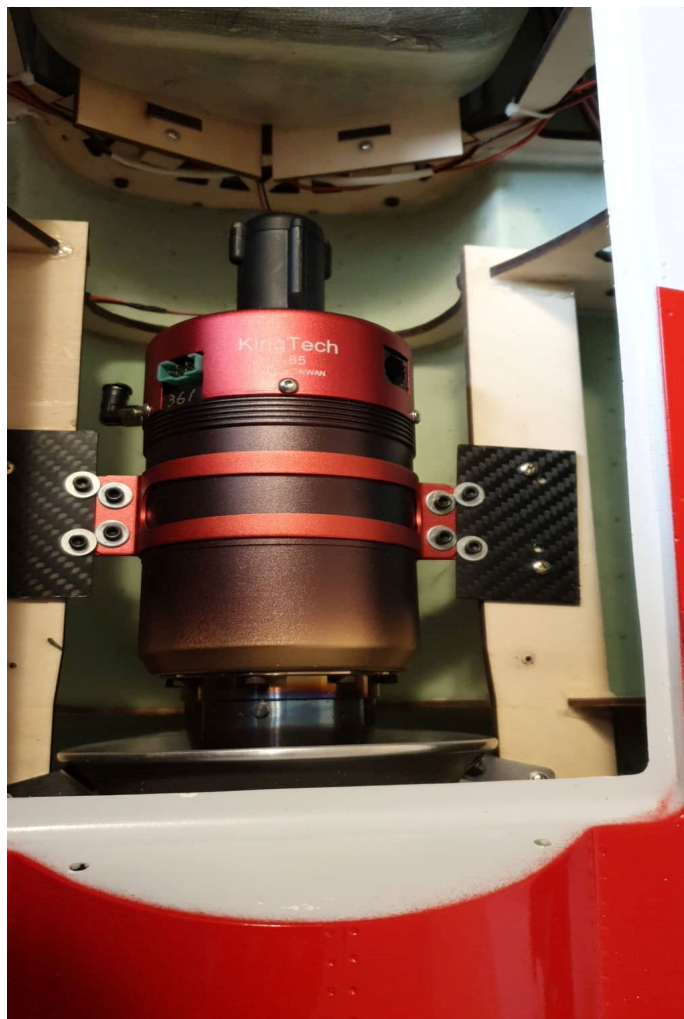
- light module main lights

- spare parts as screws and scale parts

- wooden plates to fix the engine small ones as K70 or K85

Install the engine like on pictures for K70 or K85 need to use plywood or else to fix it

Not needed with K100 or K120



All servos are preinstalled please check all hinges and screws; due transport they can get loose.

The servos are all HV

Install your receiver and all your components you will find some pictures in attachment.

Connect pump tubing on tank and UAT.

Navigation light controller manual



# Setup

**CG 175mm**

**Ailerons 20 mm up down Expo 35%**

**Direction 35 mm left right Expo 35%**

**Elevator 30mm up down Expo 40%**

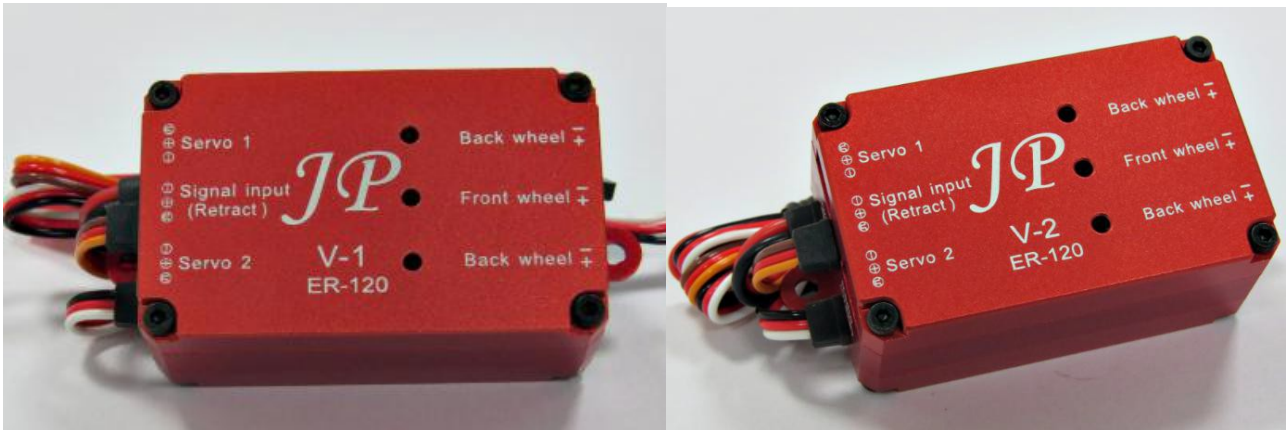
**Flaps linear , until 45°deg.**

**3-4mm down Compensation Flap Elevator, depends on your flight style.**

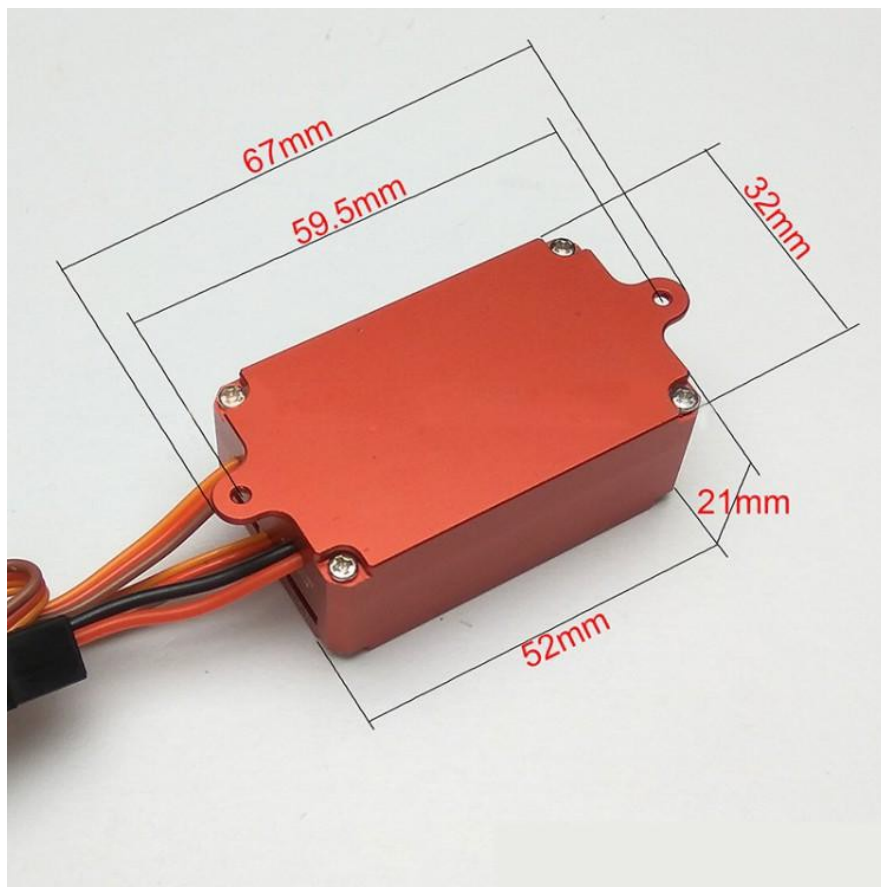


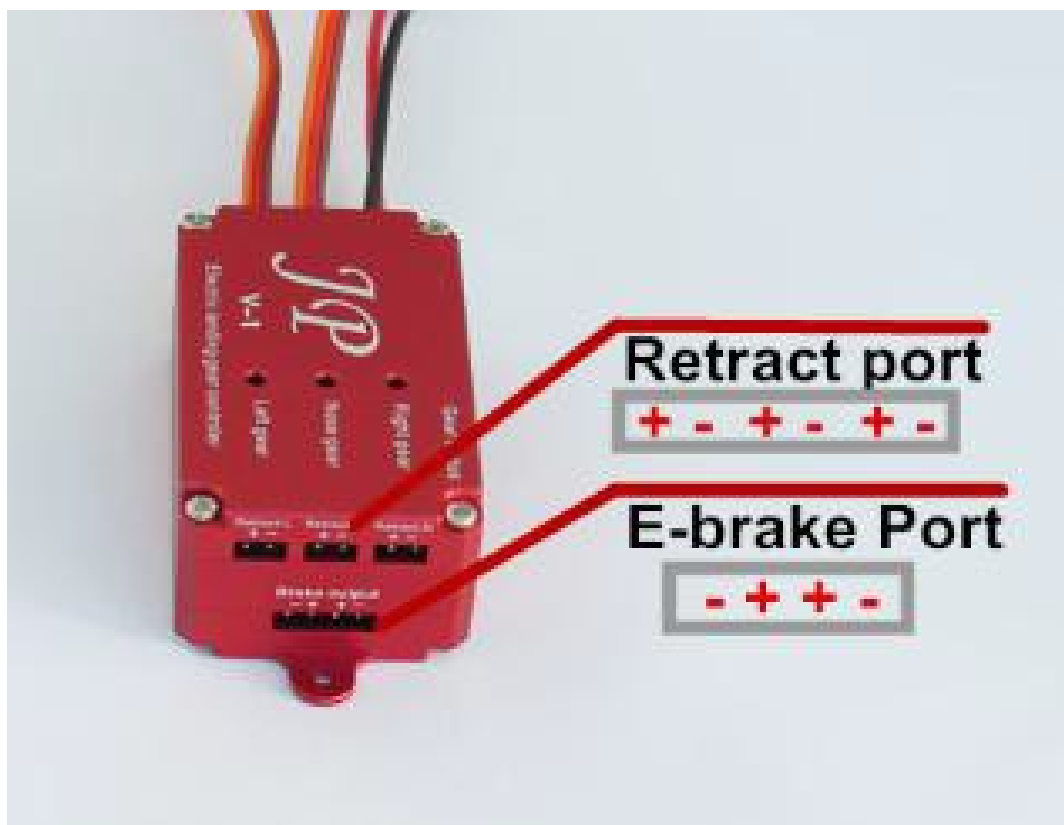
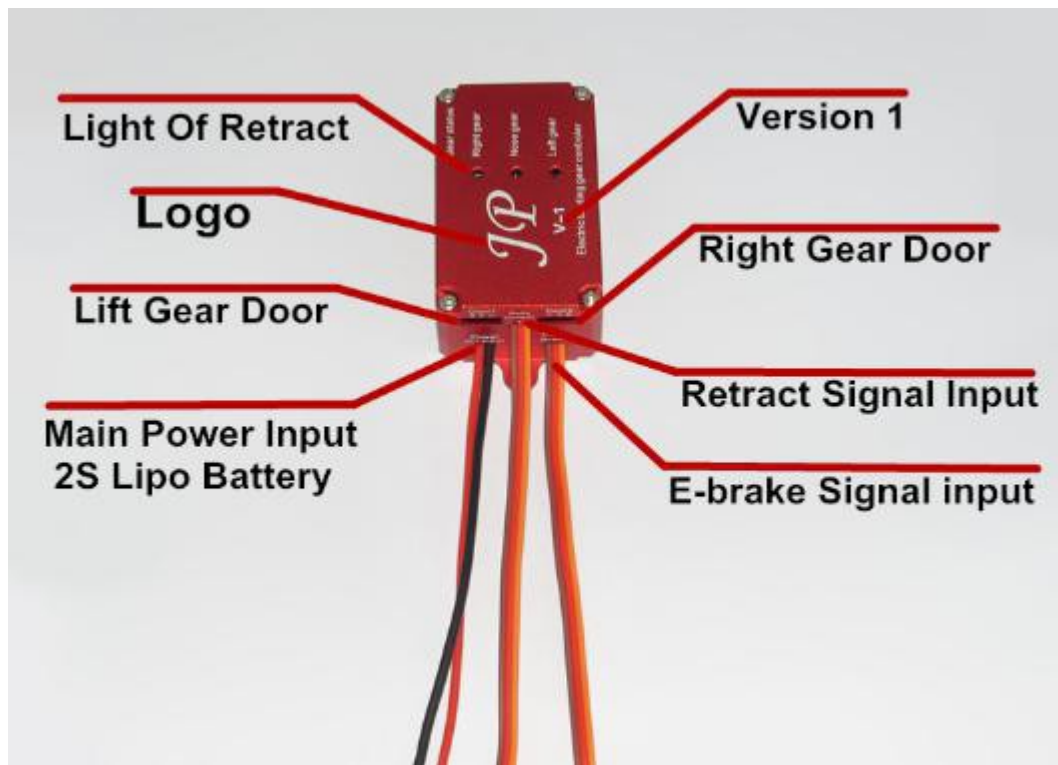


# ***JP-Integrated Electric Retract control V2 Instruction***



1. **Voltage input:** 7.4v - 8.4v ( 2S Li-Po )
2. **Signal input:** Connected to the Retract channel of receiver (on/off channel of remote control), and set an action.
3. **Control Box Sizes:** 52mm X 32mm X 21mm







## Electric retract control operating principle(V1):

In the normal service condition,

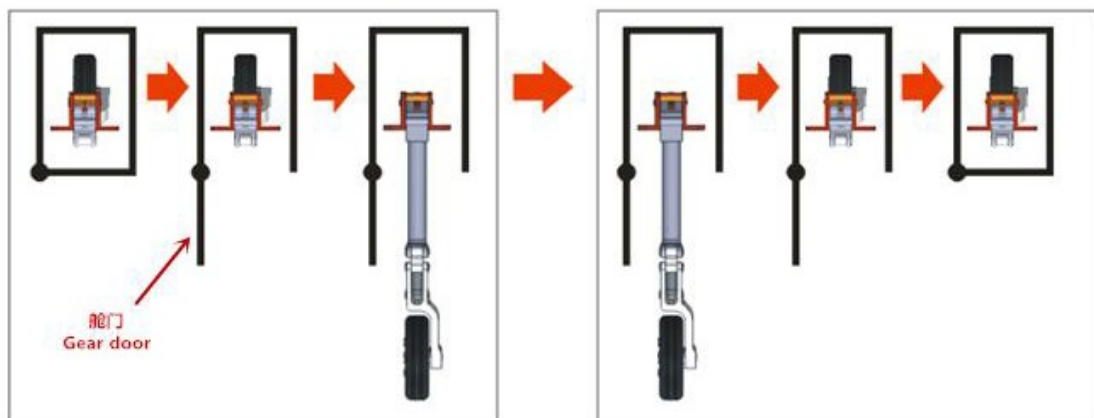
**Turn on** the retract switch then the control system will activated the retraction system to **open** after checks the door fully open by Auto.

**Turn off** the retract switch then the control system will activated the retraction **close**. Then doors will close after the retract are close.

电动收放起落架控制器工作原理:

遥控器起落架通道开关开启 → 盖板打开 → 起落架放下 → 遥控器起落架通道开关关闭 → 起落架收起 → 盖板关闭

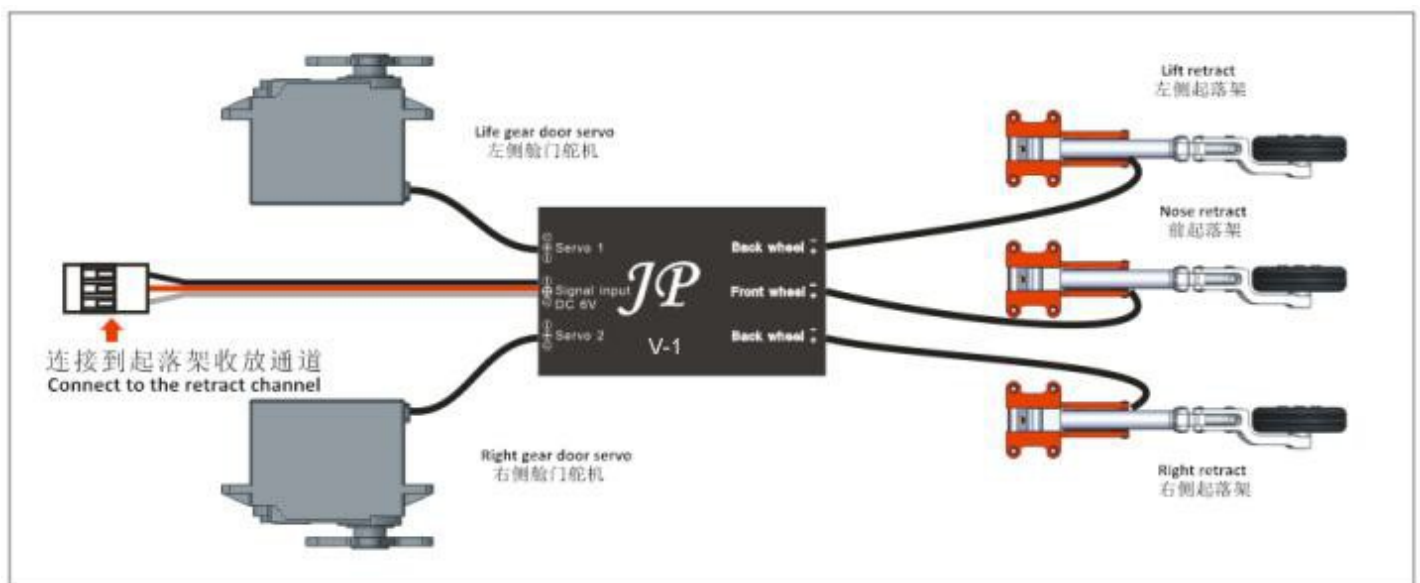
Start the Retract channel → Gear door Open → Retract Down → Shuttet down Retract channel → Retract Up → Gear door Close



(图 1)

起落架链接图

## Wiring diagram



## Electric retract control operating principle(V2):

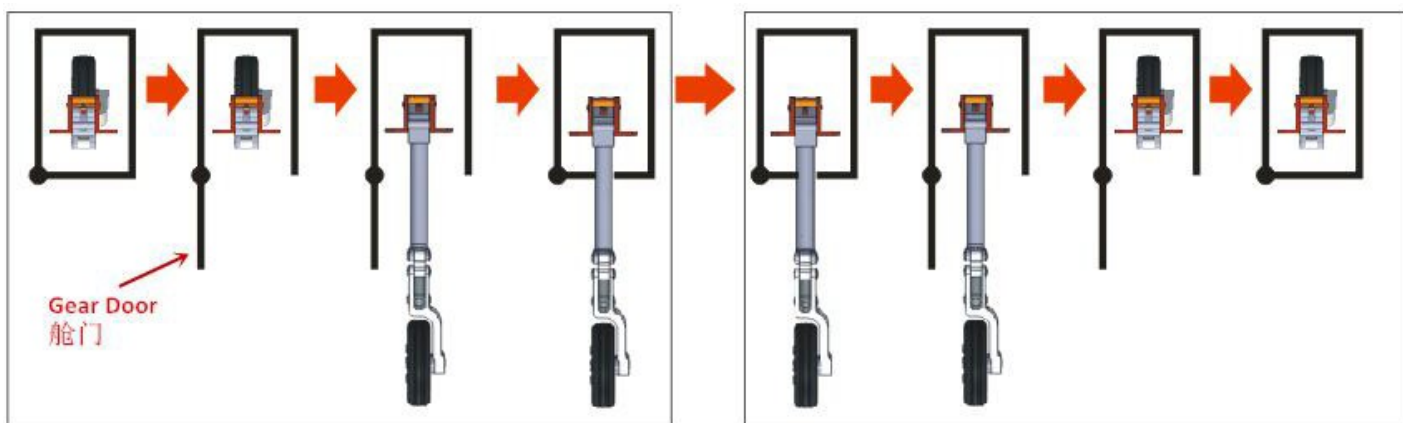
In the normal service condition,

**Turn on** the retract switch then the control system will activated the retraction system to **open** after checks the door fully open by Auto. The doors will close after the retract are open.

**Turn off** the retract switch then the control system will activated the retraction system to **close** after checks the doors fully open by Auto. The doors will close again after the retract are close.

遥控器起落架  
通道开关开启 → 盖板打开 → 起落架放下 → 盖板关闭 → 遥控器起落架  
通道开关关闭 → 盖板打开 → 起落架收起 → 盖板关闭

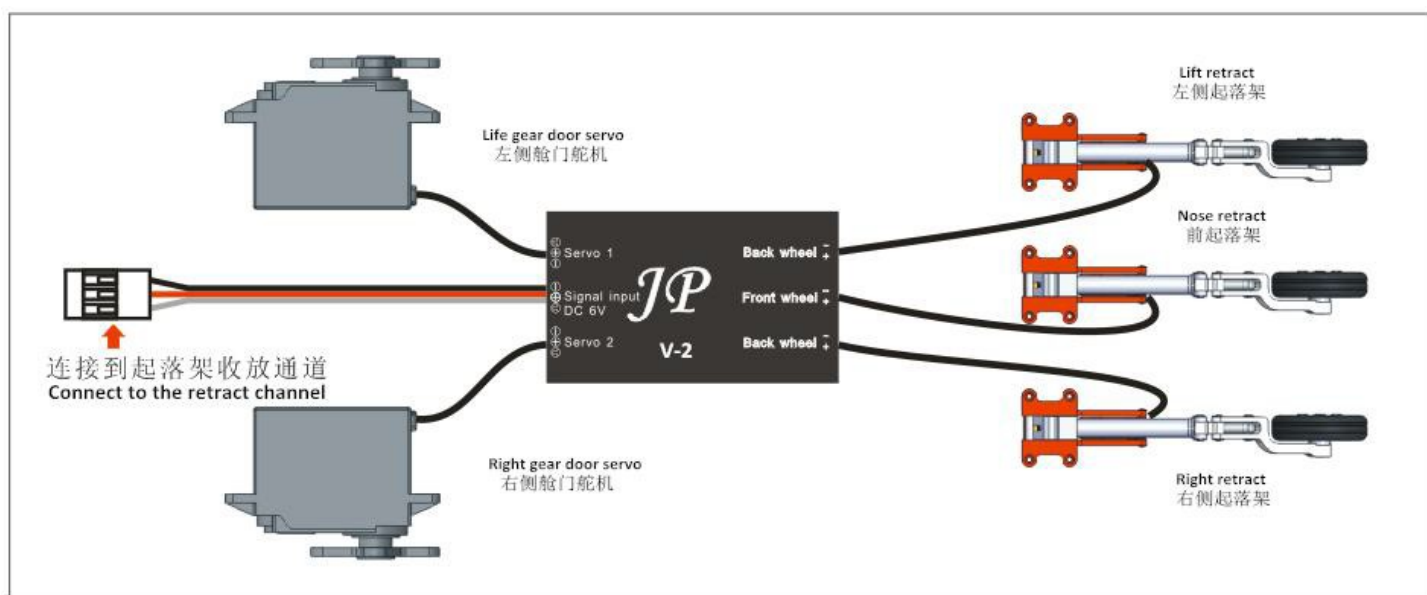
Start the  
Retract channel → Gear door  
Open → Retract  
Down → Gear door  
Close → Shuttled down  
Retract channel → Gear door  
Open → Retract  
Up → Gear door  
Close



(图 2)

起落架链接图

## Wiring diagram



## E-Brake Using illustration:

4. **Voltage input:** 7.4v - 8.4v ( 2S Li-Po )
5. **Voltage output:** 6V
6. **Signal input:** Connected to the brake wheel channel of receiver (on/off channel of remote control),and set an action.
7. **Setting:** The percentage of transmitter which control the brake force. **+/-100%** is max brake force. The percentage setting to **+100%/-100% ~ -50%** OR **(+100% ~ +50%/-100%)**. **Max / lower** percentages of brake channel are adjust the left and right braking power together.





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