Opale Paramodels

BackPack L

User's guide

Please read carefully this manual before using your equipment for the first time

Thanks for having chosen an Opale-Parmodels product. We truly believe this radio-controlled paraglider is going to give you hours of enjoyment and will enable you to go through new outstanding piloting experiences.
This user's guide content includes all the information you need to get your wing fly and to ensure you will take good care of it. A good knowledge of your equipment will allow you to safely make the most of its performances for your greatest pleasure!
Thanks for giving this manual to the new owner in case you decided to sell you radio-controlled paraglider.

Best regards,

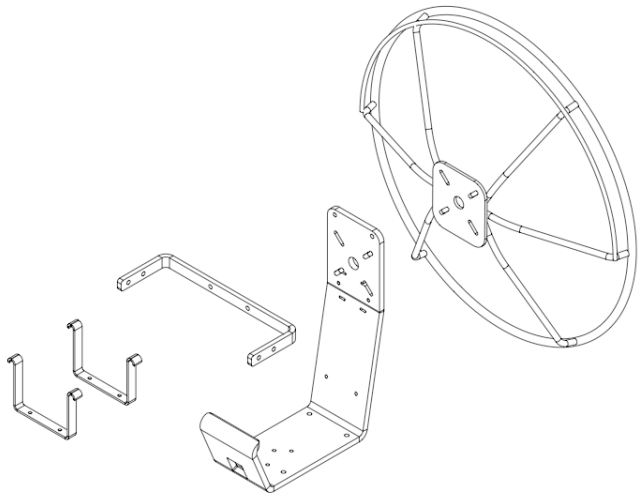
The Opale-Parmodels Team

Safety Information

You should be properly insured according to the country regulation you are using our equipment in. You hereby accept the Using our equipment in a bad way may increase risks. Neither Opale-Paramodels nor any other seller will be liable for any damage caused by any accident whatever the circumstances are. The way our equipment is used is incumbent upon the final user, including towards the law.
This product **has not been designed for children under the age of 14**, so it is forbidden to use it in this case.

Summary

1. Backpack L kit content



- 1x Propring 13 inch diameter
- 1x Main frame (Aluminium)
- 1x Wing holder
- 2x Pilot holder for Backpack L
- 2x 4mm diameter rubbers
- 2x Stainless steel buckles
- 1x Hardware

2. Backpack L assembly

Installing Pilot holders: - mount 2x Pilot holder by using 2x CHC M3-12 screws with 2x M3 nuts	
Installing Wing holder: - Mount the Wing holder by using 2x CHC M4-14 screws with 2x M4 nuts	

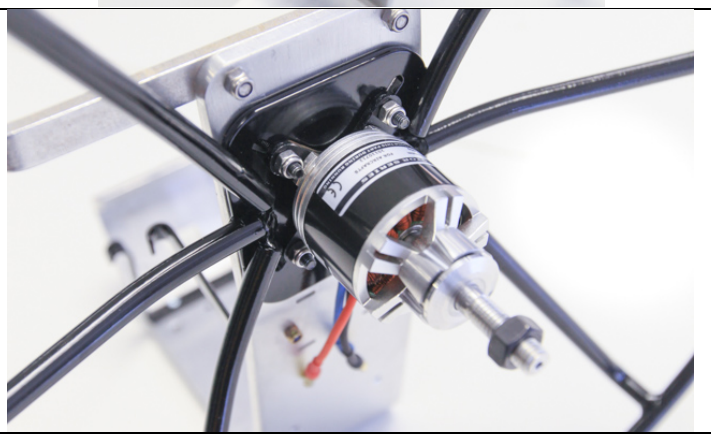
- Assembly the motor which is provided in the Motor Kit for Backpack L

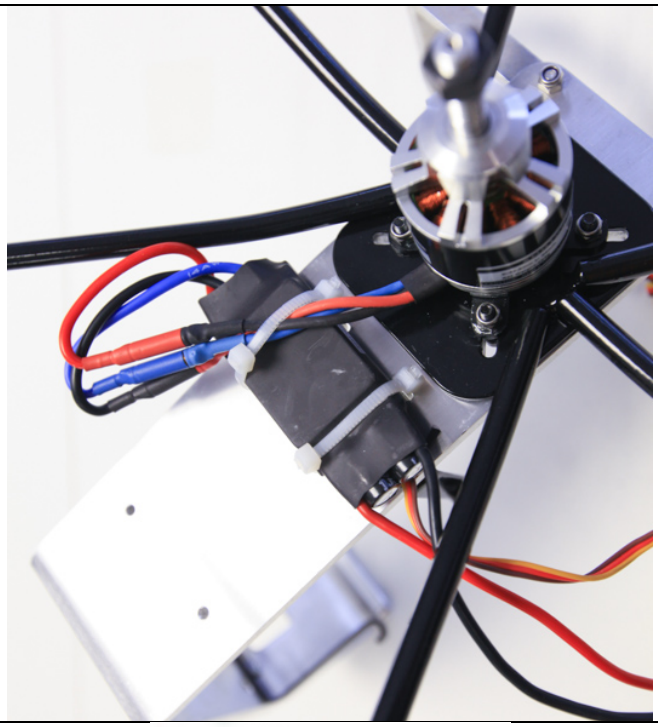
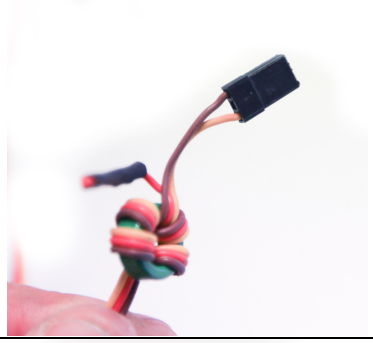
Installing the motor on the frame:

- insert into the slots 4x CHC M4-20 screws

- Installing the the propring, with the bridles protection placed on top.

- Then install the motor and fix it with 4x M4 nuts



- Installing the ESC by using 2 plastic rings	
- If the ESC you use comes from the brushless Motor Kit for Backpack L : remove the red wire which is on the center in order to not supply the receiver (the BEC from the ESC don't have enough power) - If the ESC is Opto : there is any modification to do on the ESC wire **In both cases, use an external voltage regulator (BEC) which is able to supply 8A to the servomotors**	
The Backpack L is now ready, Lucas Pilot can be installed with his Lipo battery.	

- Installing the lipo battery into the back of the pilot harness
Battery size capacity is 4S to 6S lipo 5000mAh

- Use the 2x Rubbers for fixing the pilot on the Backpack L

The first rubber has to placed over the legs

The second rubber has to be placed over the hips

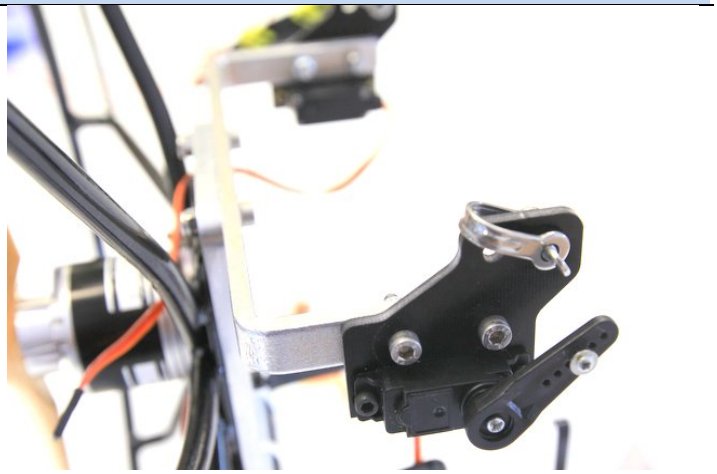
Frame's balancing

The position of the stainless steel buckles has to be done when the frame is ready to fly with all the equipments (pilot / battery / motor / ballast)

- If the front of the frame is going down : move the buckles on the first position
- If the front os the frame is going up : move the buckles on the last position

3. Speedbar system assembly

- Use 2x CHC M4-16 screw with nuts
- Place the speedbar parts on the wing holder and tighten the screws
- Place the servomotor (size 30x12mm) with 2x CHC M3-8 screws and M3 nuts



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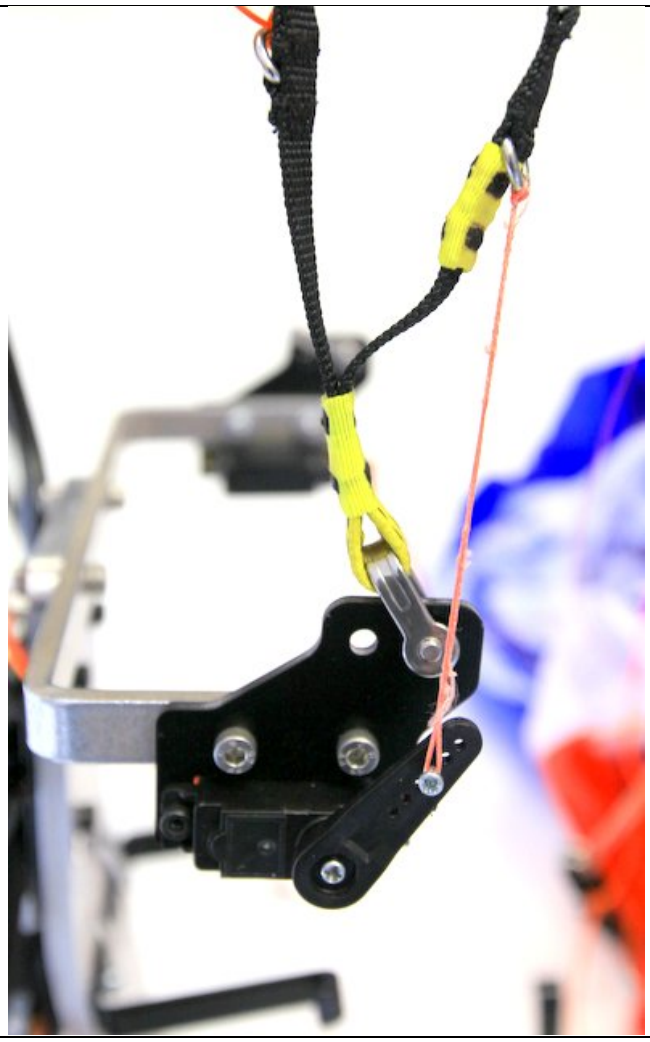
The speedbar servos have to be setted with a 2 or 3 positions switch :

- High position (45° high) : no tension in the frontline
- Medium position (horizontal) : frontline put the A-Lines 1cm down
- Low position (-45°down) : frontline put the A-lines 2cm down



4. Features

Size : 35x35x24cm
Max propeller size: 13 pouces
Material : Aluminium / Acier
Epoxy coated
Empty weight: 1,3 kg
Max weight: 5kg