

# Rescue 1.8m<sup>2</sup>

**Trike M2 mounting instructions**

User's Guide

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

## Safety Information

You should be properly insured according to the country regulation you are using our equipment in. You hereby accept the inherent risk of flying radio-controlled models.

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.

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## 1. Kit content



- 1x 1.8 m<sup>2</sup> Rescue parachute, with lines, strap and container
- 1x Drop Pod for the Trike M2
- 1x Main frame carbon fiber plate for the Trike M2
- 1x Carbon fiber plate to hold the triggering servomotor
- 3x screws with washers and nuts

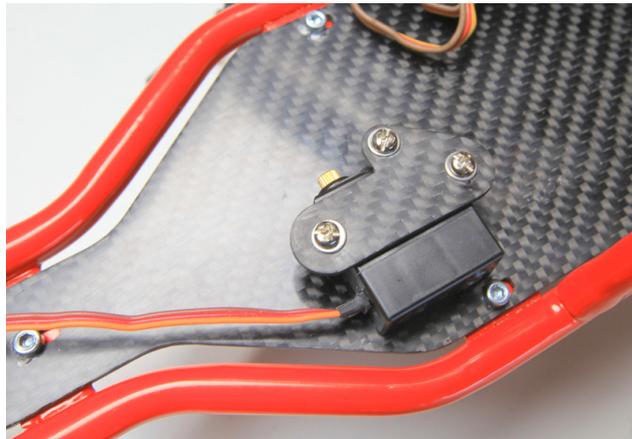
## 2. Getting the Trike M2 ready

You need first to remove the original main frame plate. Replace it by the carbon fiber one provided in this kit. Then, screw the 5 screws back.



Now you can put the servomotor on. For this, you need the carbon fiber - servomotor holding - plate and the 3-20 M3 screws with washers and nuts.

Then assemble it as shown on the picture below.



The servomotor won't move at all thanks to this holding system.

Then clip the Drop Pod designed for the Trike M2 on the rear side of the Trike.



### 3. Parachute assembling

We are now going to welcome the parachute onboard using the Drop Pod we have previously clipped on the chassis. To optimize your first opening, it is necessary to remove the lines closing the container. Make sure 3 or 4 lines are going through the elastic loop as shown on the picture below.



Then position the parachute and its container onto the Drop Pod such as shown below:



Now get the strap and make it go through the front part of the Trike. Then, tighten it all pulling on the strap.



Then, connect the small servomotors that will be used to release the Rescue 1.8 to your receiver. Assign an easily accessible switch on your radio control (rather a 2-position switch). Put the servomotor in the release position, and then attach the arm parallel to the carbon plate. Screw everything together.



The arm should be pointing up when being in the high position thus allowing your Drop Pod to be locked and secured when flying.



It's now time to close the Drop Pod. Please grab the metal loop and make it go through the front frame of the chassis and place it the way shown on the photo below.



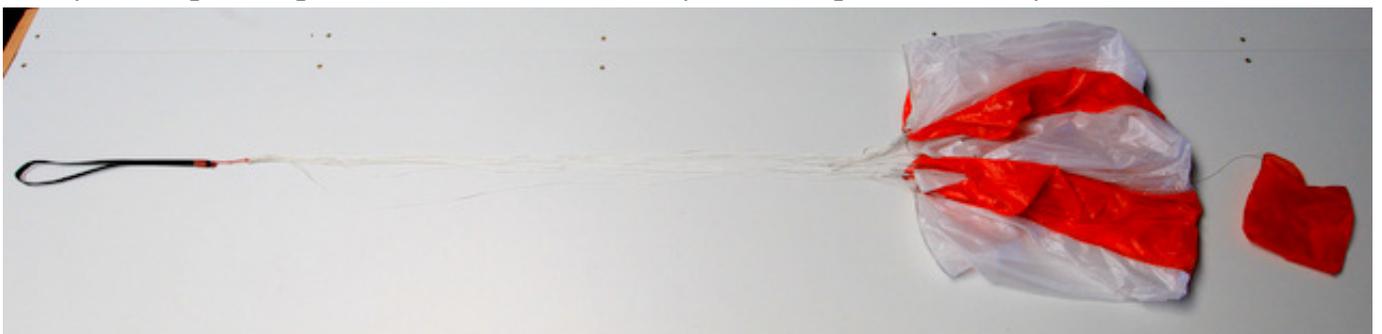
You will simply need to operate your switch to drop the parachute. Indeed, the servomotor's arm will let the Drop Pod open when moving down close to the plate, thus letting the parachute open by itself thanks to the system inertia.

#### 4. Parachute folding

It is really important that you properly fold the parachute every single time you use it to ensure it will be open quickly and be efficient the very next time you need it.

First, please spread the parachute and make sure no lines are tangled up, and then inflate it.

Then spread it again and gather all the lines. Hold them in position using some ballast if possible.





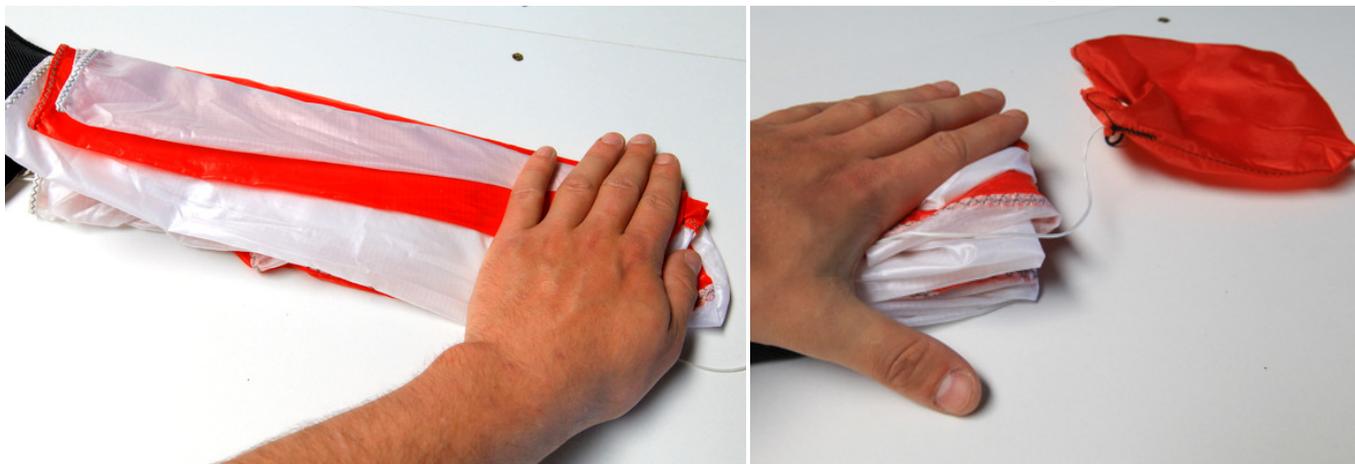
Separate every single fabric panel. Evenly distribute them to the right and the left (5 on each side).



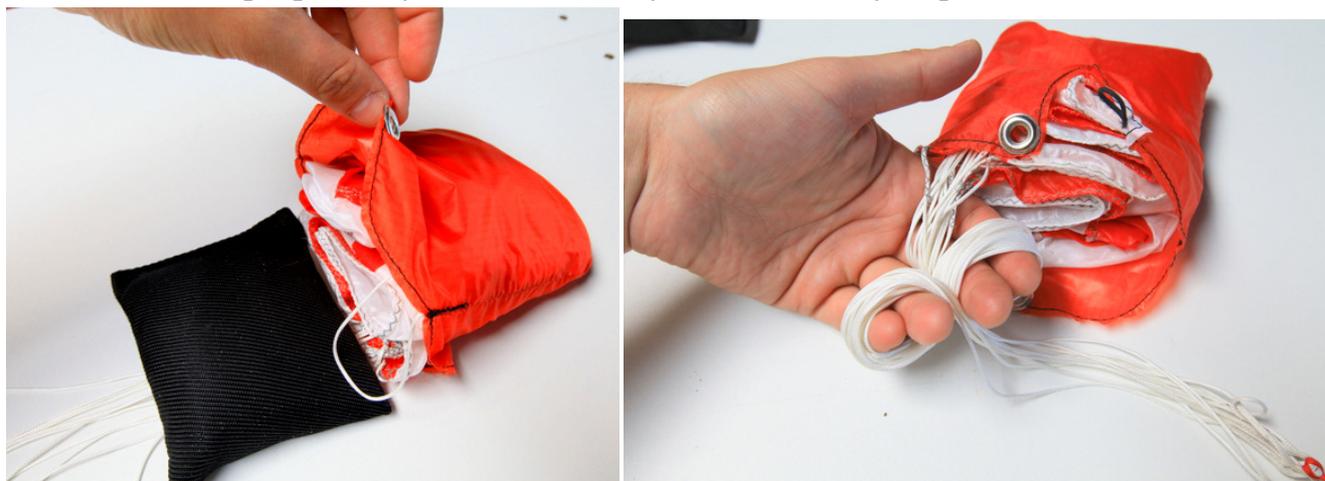
Then folds the panels the way shown on the picture below starting with the left panels, then do the exact same things for the right ones.



Now we have the short side of the parachute folded, it is now time to fold it 3 times to get it fit in the container.



The trailing edge of the parachute should be positioned on the opening side of the container.



Grab the lines and wind them round your fingers till it looks like an 8 in order to store the lines in the container. Then house the lines inside the container just in front of the parachute's trailing edge.



Use the black elastic loop to close the container, as shown below.



Once the container is closed, use 3 or 4 lines to fully make sure it will stay closed till you want it to open.



Please often check that the container is well closed and kind of locked thanks to the lines. Do not hesitate to ventilate and unfold your parachute if it is stored wet.

Please untie your wing from your trike to test the way your Rescue 1.8 is working. Make your system rotate using centrifugal force and activate the switch to release the parachute and check that everything is working fine.