



Instruction Manual Nemesis

We recommend that you first familiarize yourself with your new Nemesis kite at home. This will make outdoor assembly in windy conditions at the spot far easier.

Kite Components:

1. 1. framed sail
2. 2. Vertical spreader, in three parts
3. 3. Pair of quad-line handles
4. 4. Winder with Dyneema flying lines, 55kp, 4 x 25 m



Assembly:



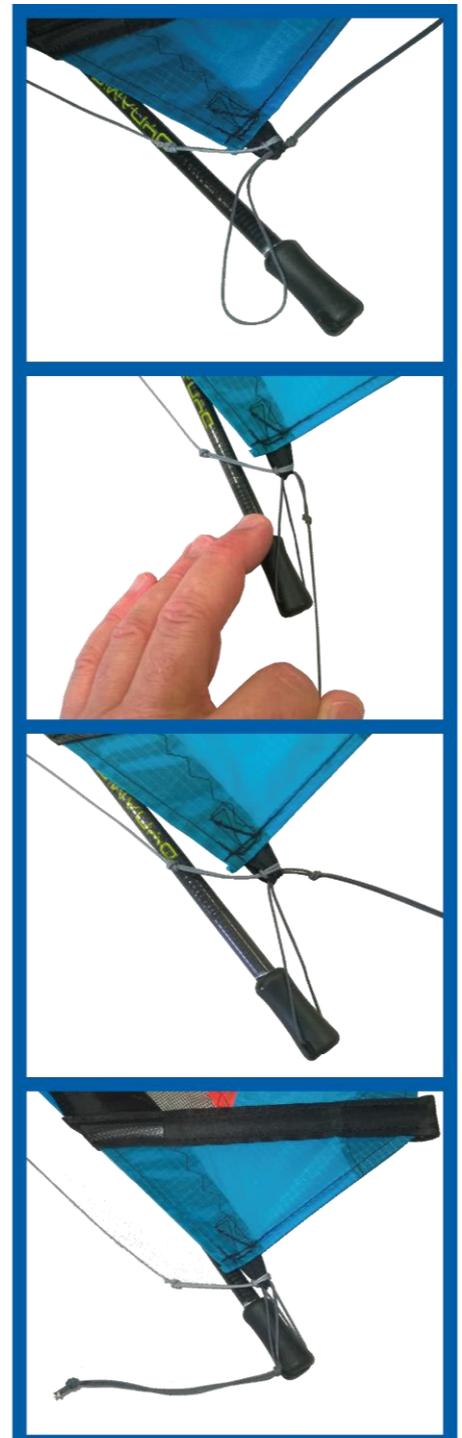
1. Unfold your kite (1).
2. Lay it out face-down, with the bridle underneath the sail.
3. Feed the vertical spreaders (2) into the black pockets to the left and right. The spars with the nock end cap belong in the wing tips, as shown in the pictures on the right.
4. The spar without end caps is the middle part and fed into the middle pocket on top of the sail. All spreader spars are then connected by internal ferrules.

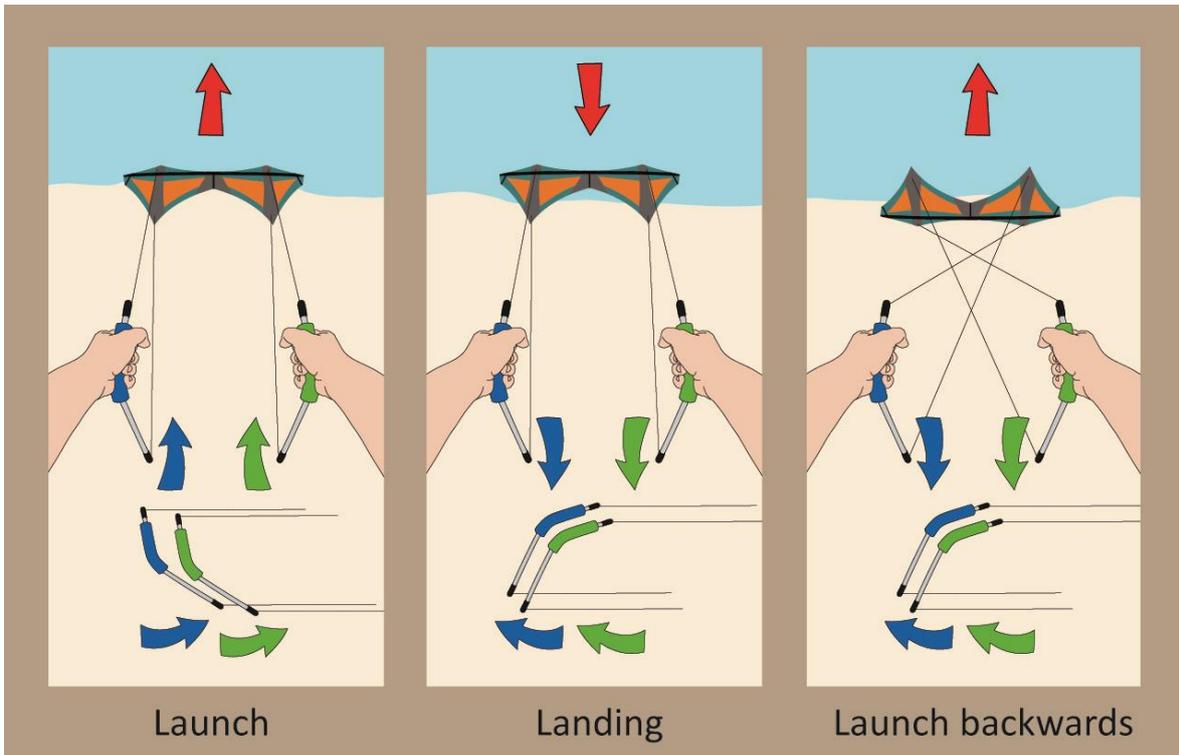
5. Next, tighten the spreader bar. Please follow the instructions in the pictures. The spreader bar should always be under slight tension.
6. Attach the lines with larks-head knots to their corresponding loops on the bridle. After unwinding the lines, attach their other ends to the handles. Please make sure you attach the lines for the top edge of the kite (leading edge) to the upper loops of the handles.
7. Knot ladders on the handles can be used to fine-tune the lines. While pilots may have their individual preferences here, it is important that you always fly the Nemesis with the lower (brake) lines at least slightly under tension.
8. **Hint: Make sure to tighten all knots on the bridle before flying!**

Flying a Quad Line kite:

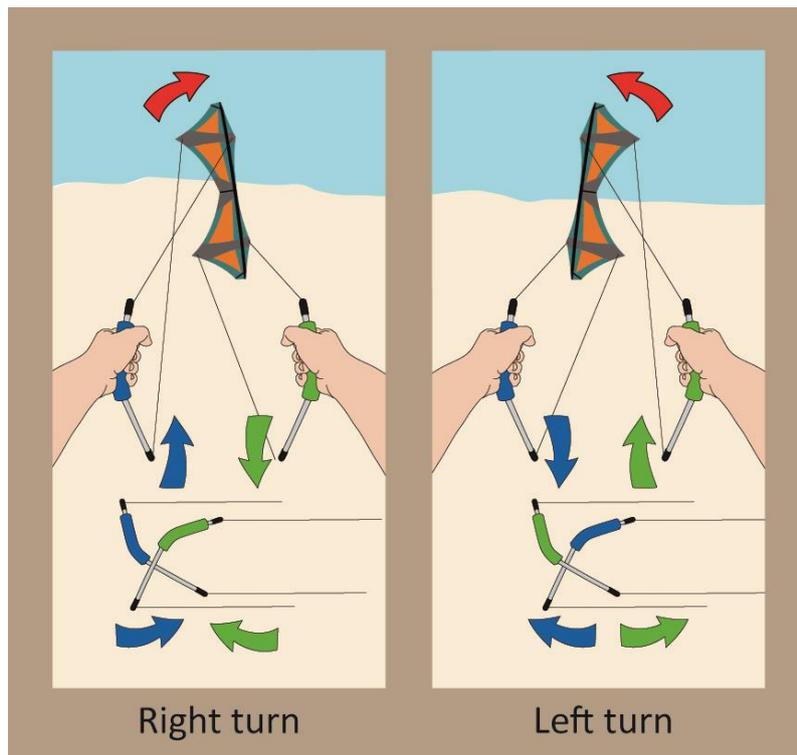
Flying with quad-line kites takes some practice. Ideally, you should attempt your first flight on a day with steady, not too strong wind.

Unlike dual line kites, quad line kites are mainly steered by tilting your hands. Please avoid, particularly in the beginning, to draw back your arms to the right or to the left, as you would do with a dual-line kite. The sketches below will be useful for your first attempts. Please make sure all four lines are under tension during flight! Your kite will react to the slightest steering commands. So initially, make sure you introduce your wrist motion only gradually.





In general, pulling the (rear) brake lines will result in a stop or backwards flight. Pulling the (front) main lines will make the kite move forward.



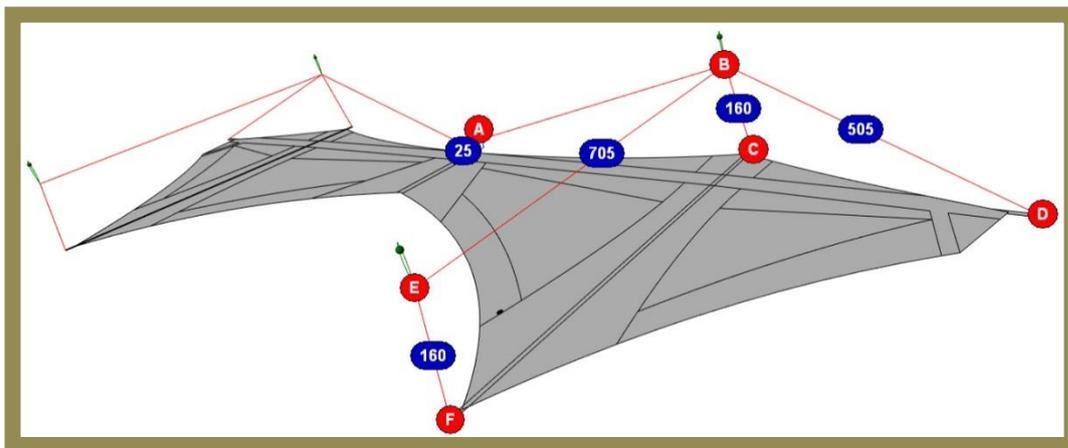
A combination of pulling the brake and the main lines will set the kite in a spinning motion.

These basic hand movements are used to initiate almost all possible quad-line maneuvers. Take your time and keep practicing!

Frame Dimensions Nemesis:

Vertical Spars:	Dynamic D20	780 mm
Center Spreader:	Dynamic D20	825 mm
Outer Spreaders:	Dynamic D20	700 mm
Outer Battens:	Carbon tube, 4mm	175 mm
Center Batten:	Carbon tube, 4mm	165 mm

Bridle Nemesis: coored Dyneema approx. 40 DaN



Please bear in mind that bridle dimensions in particular may vary. All knots will set after a certain time, or you may adjust the bridle according to your preferences. The bridle dimensions specified here are primarily guidelines.

As is customary, we reserve the right to make any technical changes.

For further questions, please ask your local kite dealer or refer to our website www.spiderkites.com.

We hope you enjoy your new kite, and you always have plenty of wind to fly it.

Your Spiderkites team