OZONE

WATERKITE MANUAL

THANKS

Thank you for purchasing this Ozone kite. Our mission is to build kites with cutting edge performance that are easy, fun and safe to use, no matter what your level.

At Ozone we are passionate about kiting, and it is this passion that drives our design team to perfect and develop kites that we love to ride with. We are proud of the quality of our products, and are constantly searching for the best components and materials to use in our designs. All of our kites and accessories are manufactured in our own high-quality production facility in Vietnam, which guarantees a build quality that we are proud to put the Ozone name on.
A close look at one of our kites reveals that same superior quality and construction that ensures that every Ozone kite will enjoy a long life, with consistent handling, performance and aesthetics. To view the factory video visit our website www.flyozone.com.

Kitesurfing like all dynamic action sports carries inherent risks but with common sense and education from qualified Kitesurfing instructors means you can easily enjoy this incredible sport. Accidents generally happen due to a lack of experience, launching from dangerous spots, changing weather conditions or from using a kite that is to big for the rider's ability or wind speed. Please take the time to learn safely and you will progress far quicker with qualified instruction.

Ride safe
Team Ozone

FRA POUR TÉLÉCHARGER CE MANUEL DANS VOTRE LANGUE, ALLEZ SUR LE PAGE DU PRODUIT ET CHOISISSEZ VOTRE KITE >> WWW.FLYOZONE.COM

ESP PARA DESCARGAR ESTE MANUAL EN SU IDIOMA DIRÍJASE A LA PÁGINA DEL PRODUCTO DEL MODELO DE SU COMETA >> WWW.FLYOZONE.COM

ITA PER SCARICARE QUESTO MANUALE NELLA VOSTRA LINGUA, ANDATE ALLA PAGINA PRODOTTI DEL KITE IN VOSTRO POSSESSO >> WWW.FLYOZONE.COM

DE UM DIESE ANLEITUNG IN DEINER SPRACHE HERUNTER ZU LADEN, GEHE AUF DIE PRODUKTSEITE DES KITES, WELCHEN DU BESITZT >> WWW.FLYOZONE.COM

Photo: Jason Wolcott Rider: Ryland Blakeney

WARRANTY

Ozone warrants this product to be free from major defects in material or workmanship to the original purchaser, for a period of six months from the date of purchase. This warranty is subject to the following limitations;

- The warranty is valid only when the product is used for its intended use and does not cover products used in rental or teaching operations.
- Ozone will make the final warranty determination, which may require inspection and/or photos of the equipment, which clearly show the defect(s). If necessary, this information must be sent to the Ozone dealer, postage prepaid.
- If a product is deemed to be defective by Ozone, the warranty covers the repair or replacement of the defective product only.
- Ozone will not be responsible for any costs, losses, or damages incurred as a result of loss of use of this product. The warranty does not cover damage caused by misuse, abuse, neglect or normal wear and tear including but not limited to; rigging with other than Ozone components, damage due to excessive sun exposure, damage caused by improper handling or storage, damage caused by use in waves or shore break, damage caused by self launching or self landing and damage caused by anything other than defects in material and workmanship.
- This warranty is voided if any unauthorized repair, change or modification has been made to any part of the equipment. The warranty for any repaired or replaced equipment is good from the date of the original purchase only. The original purchase receipt must accompany all warranty claims.
- The name of the retailer and date of purchase must be clear and legible.
- There are no warranties that extend beyond the warranty specified herein.

WARRANTY CLAIMS

- Warranty claims can only be handled once the product has been activated through our website. (go to www.flyozone.com to register your kite)
- Warranty claims must be processed and be issued a return authorization prior to shipping to the Ozone dealer the product was purchased from.

RELEASE OF LIABILITY

OZONE KITESURF LTD RELEASE OF LIABILITY
RELEASE OF LIABILITY, CLAIM WAVIER, ASSUMPTION OF RISK

By assembling and/or using this Ozone product, you agree that you have read and understood the entire Ozone product owners manual, including all instructions and warnings contained in that manual, prior to using the Ozone product in any way. You additionally agree that you will ensure any additional or subsequent user of your Ozone product will read and understand the entire Ozone product owners manual, including all instructions and warnings contained in that Manual, prior to allowing that person to use your Ozone product.

ASSUMPTION OF RISK

Use of the Ozone product and any of its components involve certain risks, dangers, and hazards which can result in serious personal injury and death to both the user and to non-user third parties. In using this Ozone product, you freely agree to assume and accept any and all known and unknown risks of injury to you and third parties while using this equipment. The risks inherent in this sport can be greatly reduced by abiding by the warning guidelines listed in this owner manual and by using common sense.

RELEASE AND WAIVER OF CLAIMS

In consideration of the sale of the Ozone product to you, you herby agree to the fullest extent permitted by law, as follows;

TO WAIVE ANY AND ALL CLAIMS that you have or may in the future have against Ozone Kitesurf LTD and all related parties resulting from use of the Ozone product and any of its components.

TO RELEASE Ozone Kitesurf LTD and all related parties from any and all liability for any loss, damage, injury or expense that you or any users of your Ozone product may suffer, or that your next of kin may suffer, as a result of the use of the Ozone product, due to any cause whatsoever, including negligence or breach of contract on the part of Ozone Kitesurf LTD and all related parties in the design or manufacture of the Ozone product and any of its components.

In the event of your death or incapacity, all provisions contained herein shall be effective and binding upon your heirs, next of kin, executors, administrators, assigns, and representatives. Ozone Kitesurf LTD related parties have not made and expressly deny any oral or written representations other than what is set forth herein the Ozone Product Users Manual.

WARNINGS

READ THE FOLLOWING POINTS BEFORE ASSEMBLING YOUR KITE:
WARNING:

- Kite flying can be dangerous.
- Always use extreme caution when using this product.
- Misuse of this product can cause serious injury or death.
- Only use this product if you are in good physical health.
- Never act in a careless manner when using this product (such as jumping in the air, or tying yourself down).
- You are responsible for your own safety, and the safety of others around you when using this product.
- If you are under 18 you should have your parents or legal guardian read these warnings and instructions. You should not use this product unless you are under proper guidance and supervision.
- The use of this product exposes the user to many unavoidable and unexpected risks, dangers and hazards.
- Do not use this product if you are under the influence of alcohol, drugs or medications.
- This manual refers to the current product it comes with. No information contained herein applies to previous and/or other products. Always read and understand all warnings and instructions for any other product being used. To view previous product manuals go to www.flyozone.com

IMPORTANT RULES:

- Before using this product you must take lessons from a certified instructor/school. Do not attempt to fly a kite without being taught by a certified kite instructor.
- This product is not a personal flotation device. Always wear a Coast Guard approved personal flotation device when using this product near the water.
- Always carefully inspect all of your equipment before using it.
- Always have a partner when launching and landing your kite.
- Always learn using a small two line trainer kite before using a larger more complicated kite.
- Never allow anyone who is not familiar with traction kiting to use this product without experienced assistance.
- Never use this product without a kite leash system. A loose kite is extremely dangerous to everyone downwind.
- The kite/control system is equipped with passive release systems, which need to be activated by the user for them to work.
- The leash system is not a permanent attachment to this product. Never permanently attach yourself to the kite or any of its components.
- Never use this the kite with another control system or kite leash. Only use the control system that is supplied with this kite as other brands are not compatible with this design, therefore the release system will NOT work.
- Always wear a helmet when using this product.
- Always use a high quality and well maintained kite specific harness.
- Get yourself used to the way your quick release devices work by testing them often in a non emergency situation.
- Rinse your quick release device in fresh water after every session. Quick release devices have a limited lifetime and must be checked and replaced often.
- Always release and re-load all the release systems to familiarize yourself with how they work. This is the only way to be sure that you know how to use them in all situations, and that they are correctly loaded and safe for use.
- If you have a bar with a mechanical quick release trim loop it must be changed after 150 hours of kiting. Change any quick release or kite leash before if you see any sign of wear. The wearing of your quick release devices is not considered a warranty issue.

CHOOSE SAFE WEATHER CONDITIONS:

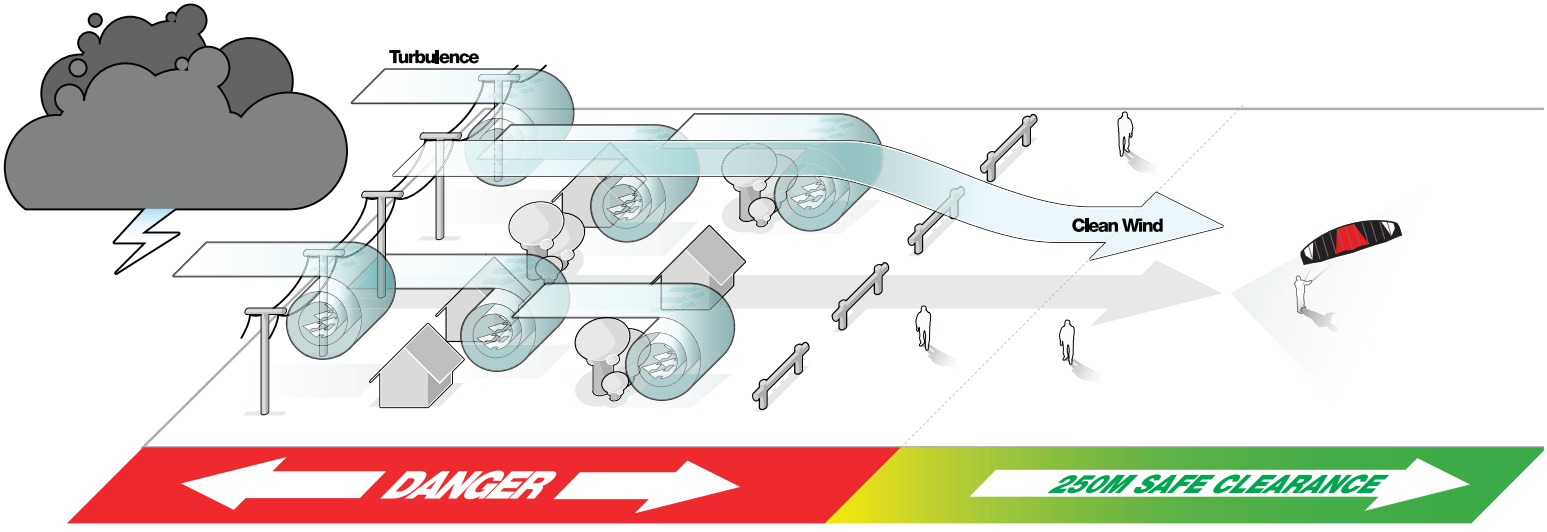
- Never learn to use this product in more than 10 knots of wind.
- We highly recommend you purchase a wind speed indicator to be able to measure wind speeds. Study the wind guide to understand wind speeds.
- Never use this product in high winds.
- Never use this product in thunderstorm and lightning conditions.
- Only use this product when you can remain in a standing position.
- Never use this product in wind conditions that are above your ability level.
- Never use this product near or on the water in offshore wind conditions.

CHOOSE A SAFE LOCATION:

- Always observe local rules and regulations when using this product.
- Never use this product near power lines, telephone poles, trees, bushes, roads, automobiles or airports.
- Only use this product when you have at least 100m of clear space downwind, and on both sides of your launching position. The power of the kite can pull you downwind unexpectedly with great force.
- Do not fly your kite over other people or pets. Spectators should remain upwind of you when using this product.
- Never use this product on crowded beaches or fields.
- Never use this product near the water unless you know how to swim and are in good physical health.
- Practice launching and landing procedures, and self rescue techniques before using this product near the water.

USE CAUTION WITH FLYING LINES:

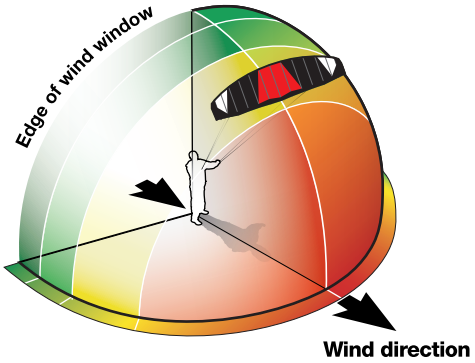
- Never touch the flying lines when the kite is in use. Flying lines are extremely dangerous while under tension and can cause serious injury or death.
- Never use this product with worn lines. A line that breaks while under tension can cause serious injury or death.
- Always check your flying lines for knots before each use. Knots greatly reduce the strength of the lines.
- Stay away from tangled flying lines unless the kite is secured to the ground. An unsecured kite can self launch unexpectedly, and can cause serious injury or death.
- Never allow yourself, or anyone else, to get between the control bar and the kite when using this product.

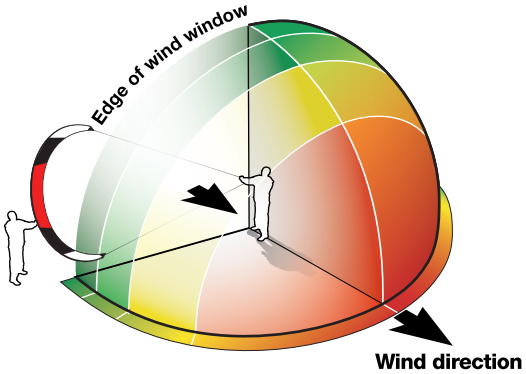


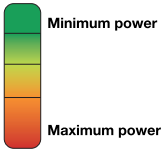
WIND

FORCE	KNOTS	MPH	METRES/SEC	KPH	DESCRIPTION	SKILL LEVEL	ON LAND
0	<1	<1	<0-0.2	<1	Calm	N/A	Calm, smoke rises vertically. Go paragliding/base jumping/hang-gliding
1	1-3	1-3	0.3-1.5	1-5	Light Air	N/A	Smoke drift shows wind direction. Its coming-get large size kites ready!
2	4-6	4-7	1.6-3.3	1-5	Light Breeze	Beginner	Wind felt on face, leaves rustle. Cruising on Mt board/buggy/snowkite
3	7-10	8-12	3.4-5.4	12-19	Gentle Wind	Beginner	Leaves in motion, light flags extended. Ripping on Mt board/buggy/snow
4	11-16	13-18	5.5-7.9	20-29	Moderate Wind	Intermediate	Flags flap, small branches move. Now we're talking>>jumping begins
5	17-21	19-24	8.0-10.7	30-38	Fresh Wind	Advanced	Small trees begin to sway. Loving life, fully powered, smiling
6	22-27	25-31	10.8-13.8	39-50	Strong Wind	Advanced	Large branches in motion. Experts only with huge grins
7	28-33	32-38	13.9-17.1	51-61	Near Gale	Advanced	Whole trees in motion . Hard core riders flying!
8	34-40	39-46	17.2-20.7	62-74	Gale	N/A	Trouble walking! Carnage for riders, better to chill out in comfort watching Ozone DVD

always launch your kite at the edge of the wind window

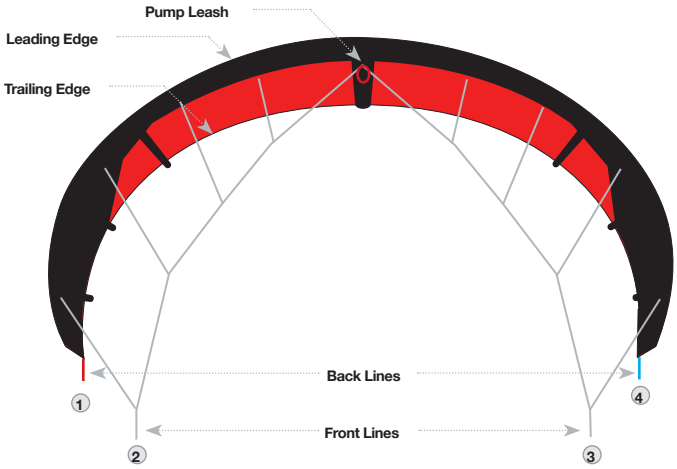




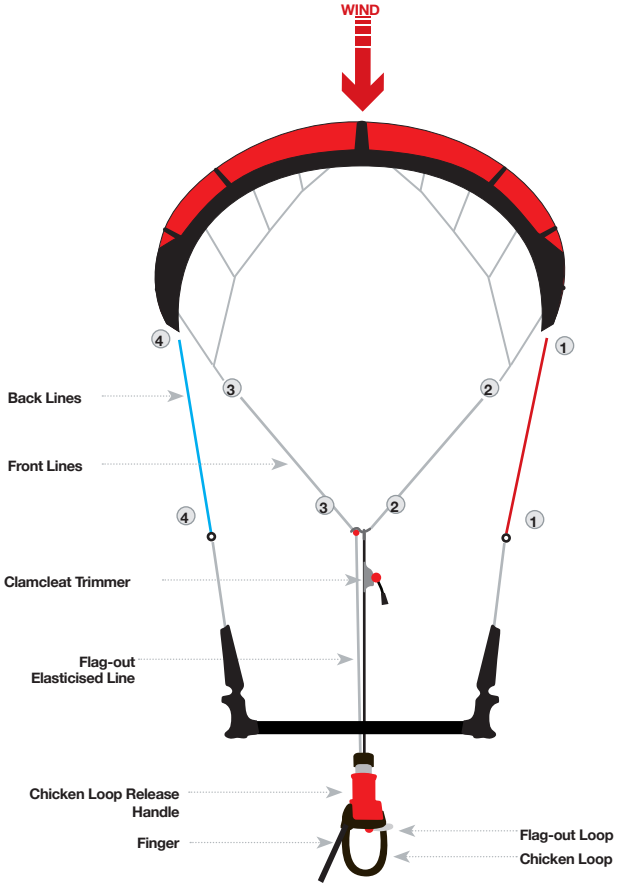


SET-UP

Attach the lines to the kite as shown in these diagrams



Kite when flying



Set up the kite and bar face down on the beach with the bar downwind from the kite

SET-UP

- Attach the pump leash to the looped line in the center of the leading edge tube.
- Make sure all the clips are open before you start pumping.
- Inflate the kite using the IN valve.
- Close the main valve on the leading edge. Close the Neoprene cover.
- Make sure you CLOSE all the one-pump clips on the struts. This isolates each strut from the leading edge so if you get a puncture in one part of the kite the rest of the kite will remain inflated.
- Once the kite is fully pumped up turn the kite over and put sand or sand bags on either side of the center strut to secure the kite. Never leave a kite unattended without some sand or sand bags on the kite.

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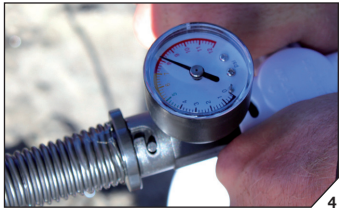
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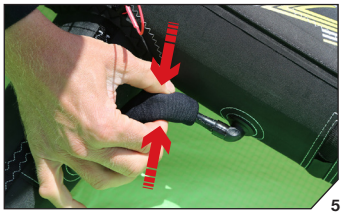
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WARNING: Do not ride the kite with the one pump clips undone. If you get a puncture the whole kite will deflate! Always close the one pump clips inside the neoprene covers after pumping up. Do not under inflate the kite or it will not perform to its designed trim and will not relaunch easily.

ATTACHING THE CONTROL LINES

With the kite on the sand and leading edge facing upwind start to unwind all the lines from the bar walking downwind. Put your bar in the sand with red side of the bar on the right and start untangling the flying lines, walking upwind towards the kite.
We label each line with numbers which correspond to the same numbers on the kite. Use a larks head knot to attach the lines making sure the line label system matches >> 4 to 4; 3 to 3; 2 to 2; 1 to 1. The line labels are on the bar, lines and kite to make rigging stress free and easy.
The frontlines have stitched loop ends and the back lines have knots so it is very difficult for you to attach the lines incorrectly.

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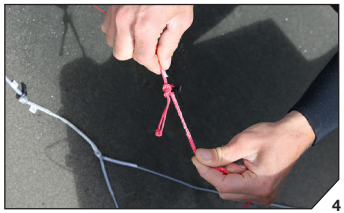
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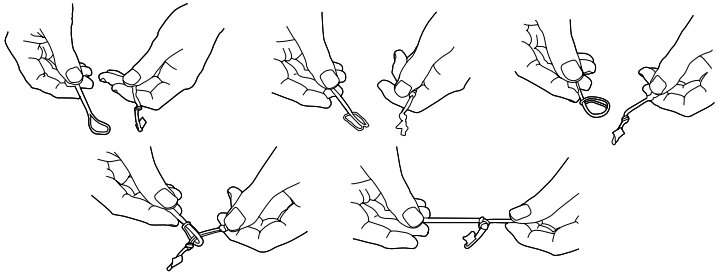
ALL LINE TO KITE CONNECTIONS ARE MADE USING A "LARKS HEAD" KNOT.



WARNING: Always double check your lines before launching. Wrongly attached lines will stop the kite flying correctly and could therefore mean you have no control of the kite putting yourself in a dangerous situation.

SECURITY

IMPORTANT: All Ozone release systems require the user to operate them manually in the case of an emergency. It is imperative the kite is set-up as shown in the manual, incorrect setup will compromise the operation of the release system. All lines and de-power systems must be tangle free and the kite leash connected in the right way, see pictures.

OZONE WATER KITE RELEASE SYSTEMS

CHICKEN LOOP CONNECTION

The chicken loop is the primary connection to the kite. Make sure you connect to the chickenloop using the finger as shown in the pictures.

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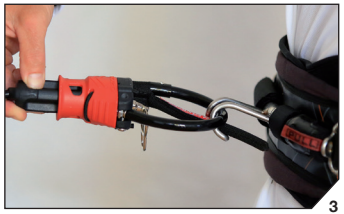

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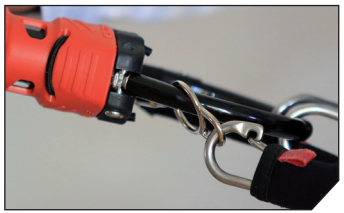
BELOW THE BAR RELEASE (RECOMMENDED MODE)

Attach the kite leash to the total flag out system. This is the small eyelet on the steel ring at the bottom of the Megatron, see pictures. In an emergency situation, when the chicken loop is released, the kite will flag out completely with no power.

ADVANCED RIDERS (use at your own risk, not recommended)
Riders performing unhooked tricks or who are more confident and have spent many hours kiting can attach to the ring using the Expert mode, where the chickenloop runs through the large eye of the steel ring.

NOTE: When letting go of the bar in Expert mode (without releasing the Megatron, e.g. missed handle pass) the kite will depower but WILL NOT flag out. Be aware in this situation, the Megatron will be out of reach and can therefore not be released. When hooked in and releasing the Megatron the steel ring automatically slips off the chicken loop and the kite will flag out.



SECURITY

1st STAGE OF RELEASE

Release the chickenloop as shown in the pictures. Providing your leash is attached to the flag out system the kite will 100% depower.

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RELOADING THE MEGATRON CHICKENLOOP

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FINAL STAGE OF RELEASE (in an extreme emergency)

In the case of an extreme emergency where you need to completely release from the kite, use the quick release on the kite leash. This will completely detach the kite and control system from the user, and could therefore hit anything or anyone downwind causing damage, serious injury or death. RIDE RESPONSIBLY.

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RELOADING THE LONG LEASH

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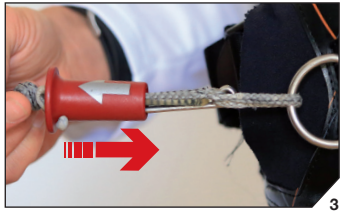
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ATTACHING THE SHORT LEASH

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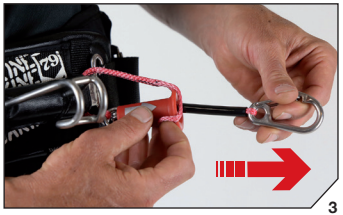
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RELEASING THE SHORT LEASH

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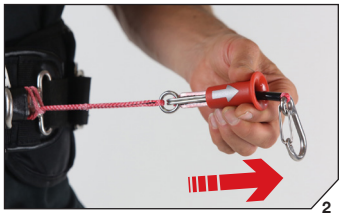
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RELOADING THE SHORT LEASH

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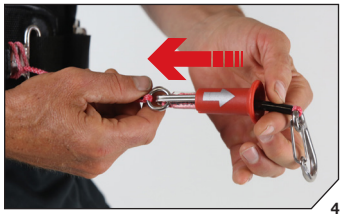
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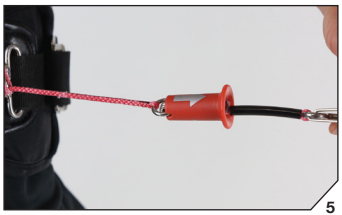
5

1st FLY

WARNING: NEVER LAUNCH A KITE DIRECTLY DOWNWIND OF YOU IN THE POWER ZONE!

LAUNCHING AND LANDING

Instruct your partner on how to handle the kite and agree on a sign together for the release and landing. They should hold the kite in the center of the leading edge at the edge of the window and double check that all lines are clear. It is possible for lines to get wrapped around the tip so make sure they understand that all lines must run clearly from each attachment point.

Before you give the signal to release make sure you are 100% confident that all lines are clear. Then give your pre-agreed signal for your partner to release the kite and gently launch the kite to the top of the window.

LAUNCHING

LANDING

Landing the kite use the same principles >> Most importantly keep your head clear, be smooth and controlled with the kite and land before you are too tired or overpowered.

WARNING: Make sure you grab the correct side of the bar – we colour code the bar red for left.

WATER RELAUNCHING

Once the kite is face down with the leading edge touching the water:

1: Pull the bar in towards you to increase back line tension.

2: Pull one of the rear lines (line attached to bar ends) towards your body with constant tension. Look at the kite as you pull the rear line and be ready to release some tension as the kite flips up onto its tip.

3: Once on its tip the kite will work its way to the edge of the wind window. This requires some skill and finesse in order to not stall the kite backwards onto the water.

4: When the kite is at the edge of the window make sure you have the bar pushed at least half de-powered and steer the kite gently to the top of the window.

NOTE: If the kite somehow lands nose down but with the tips facing away, pull one of the rear leader lines to help the kite blow around to the correct position then follow the steps above for getting the kite re-launched.

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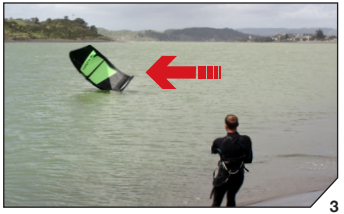
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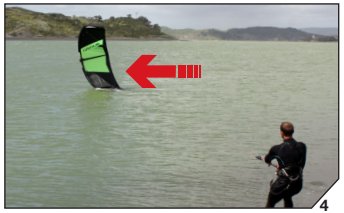
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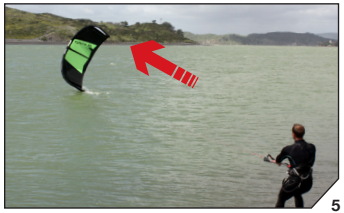
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1st FLY

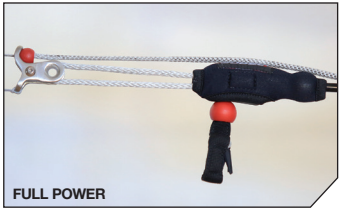
SELF RESCUE

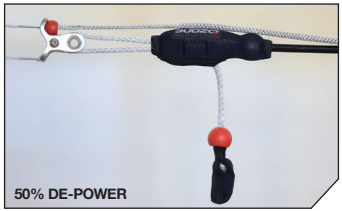
If you get in trouble out in the water, there is a simple way to self rescue yourself.
Firstly kill the kite's power with the flag out system by releasing the chicken loop. The kite will flag out and drop to the water.
Lines are dangerous in this situation so make sure you wind the flag out frontline around the bar at least 10x to disable the kite. Then wrap all the lines together onto the bar as you normally would. You will end up at the kite ideally with the lines wrapped tightly and neatly on the bar. Make a few half hitches to secure the lines.
Once you have got hold of the kite you can drop the bar. When you have reached the kite, take hold of the bridle lines at each wingtip. Hold both bridals to use the kite as a sail to get back to shore safely.

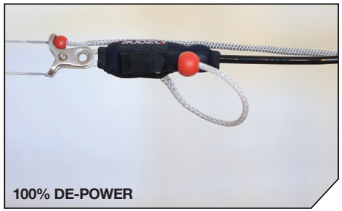
CLAMCLEAT TRIMMER

Pull the trimmer line down to depower the kite. This is needed if you are overpowered, for unhooked riding, or if you are walking back up the beach.

Release the trimmer line away from you to increase kite power. To release the line from the teeth make sure you first pull down which unlocks the line from the teeth, then out to release the line the desired amount.

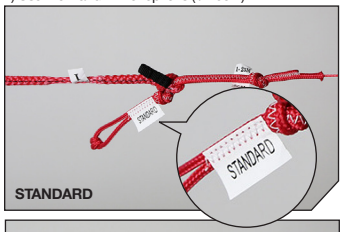

FULL POWER


50% DE-POWER


100% DE-POWER

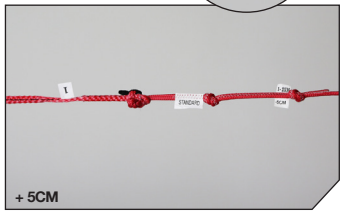
TRIMMING FOR LINE STRETCH

The correct factory setting of lines 1 and 4 are labelled standard (middle knot). All lines should be equal at this point, however kite lines do stretch with the power lines taking the full load. Unwind the lines from the bar and have a partner hold the bar. Taking hold of the opposite ends, check the lines 2 and 3 are of equal length to the standard knot on lines 1 and 4.
If the lines are not even you may either...
1) Stretch out the shorter lines. Attach the shorter lines to a car hitch or something very solid. Then take hold of the bar and pull with enough force to stretch the line. Do this to any lines that are shorter and re-check that all 4 lines are equal length.
2) Use line 1 and 4 knot options (-/+ 5cm).



STANDARD

- 5CM


+ 5CM

PACKING

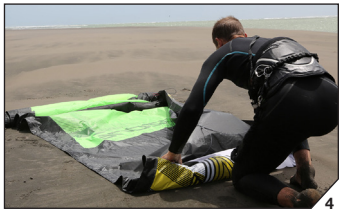
PACKING

- Detach the flying lines from the kite, and wrap them around the bar ends in a figure of eight. Use the elastic line retainers to keep them held in place
- To deflate the kite first release all one pump plastic clips. Then gently open the OUT valve on the leading edge. This large valve dumps the air quickly from the kite.
- Roll the upwind tip in to the centre. Then roll the opposite side.
- Screw the inflate/deflate valve in and close the neoprene cover.
- Fold the kite in 3 sections from trailing edge to fit in bag.

1

2

3


4

5

6

7

8

CARE & MAINTENANCE

Kites are very technical products and are used in the harsh marine environment. If you use common sense and care for your equipment it will look after you and keep its factory trim for hundreds of hours.

Never pump up your kite on a rough surface which may have sharp objects.

Be very careful with your flying lines. If you catch them on a rock or sharp object thoroughly check each one and we recommend you replace your lines. Also make sure there are no knots in the lines. Knots weaken the line by up to 50%.

Once you have pumped up secure your kite with sand or use sandbags – Do not use heavy objects or even your board, the fins have been known to rip kites.

Never leave your kite on the beach un-used for long periods of time in the sun and wind. The trailing edge flapping and sand hitting the sail cloth will severely shorten the kite's life. UV also shortens the lifespan of a kite so pack away when not using your kite.

Never pack away your kite wet, only when 100% dry – This will damage the cloth and its coatings and may lead to dye running. This is not valid for warranty.

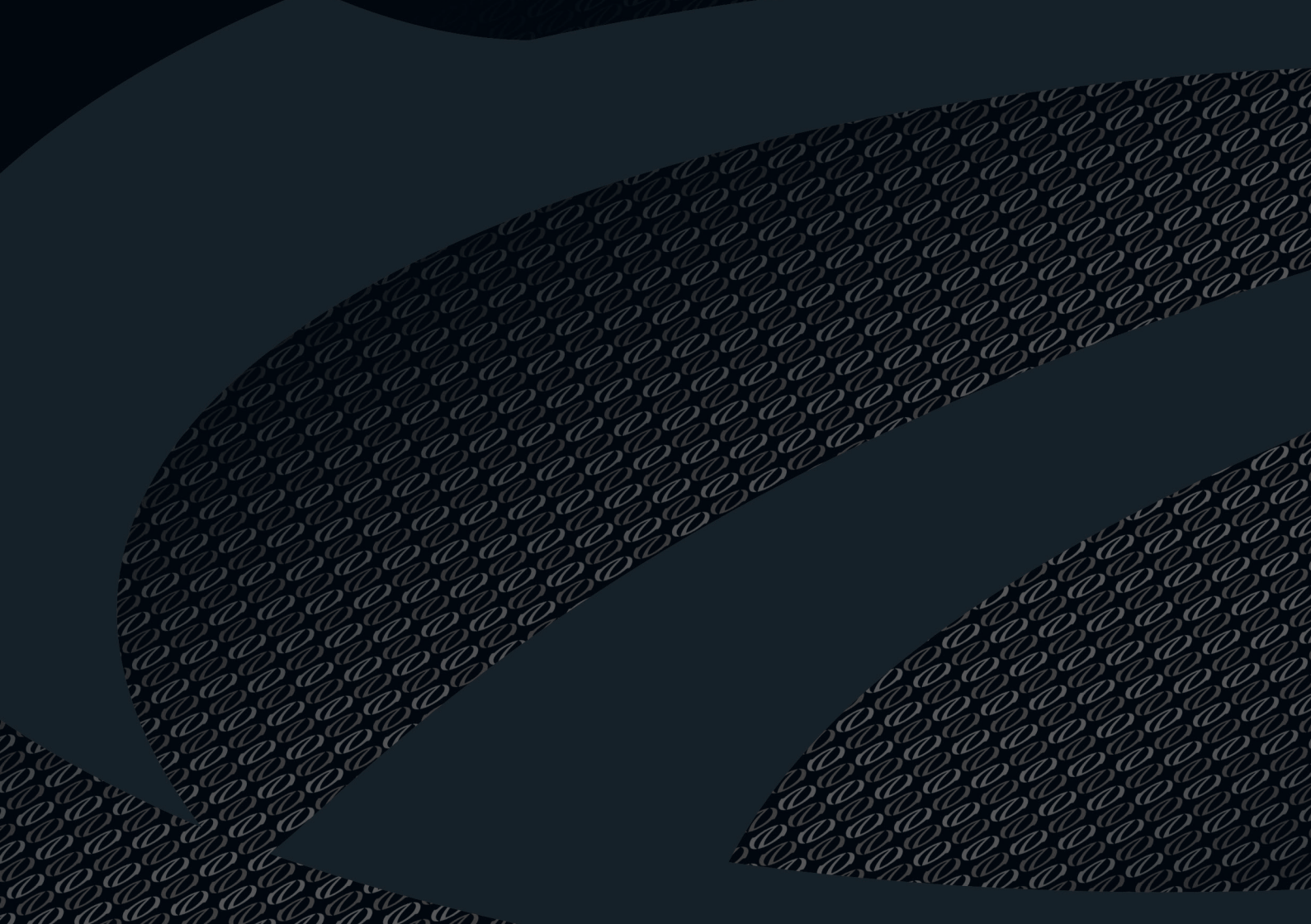
Never leave your kite inside your car in direct sunlight.

Wash your bar, lines and kite after every session in fresh water when used.

When inflating the bladders always inflate slowly and ensure the bladders are inflating correctly in the struts or leading edge. If you see a twist or something looks strange STOP pumping immediately and check bladders. They may need re-inserting to ensure they inflate properly.

REPAIRS

We supply a repair kit with the following contents:

1. A4 pieces of sail cloth
2. A4 piece of Dacron
3. 1 x length of 50mm wide sticky black repair tape
4. 6" x 3" Tear-Aid bladder repair patch
5. 2 Alcohol wipes
6. One pump clip / hose / zip ties
7. Spare elasticised through the bar flag out line

If you have a major repair like a tear across panels, struts or the leading edge take the kite to your local sail repair shop. For minor tears and bladder punctures you can easily fix these yourself with the repair kit supplied with the kite. Go to www.flyozone.com, under the INFOZONE tab for instructional repair videos.