



ESKIMO IV User manual - English



Please read this user manual carefully before you use the ESKIMO IV.

Welcome to GIN Kiteboarding ...

Thank you for choosing a GIN kite.

Our R&D team has invested a lot of time, passion and experience into creating the ESKIMO IV.

We hope you will have as much fun with this kite as we have, and we wish you many wonderful sessions with your new ESKIMO IV !

For more information and to keep in touch with the fantastic evolution of our sport, visit our website : www.ginkites.com

Please pass on this manual to the new owner if you ever resell your kite.

Enjoy riding GIN,
The GIN Kiteboarding Team

Information about safety

Aimed at customers with a good knowledge of kiting, this manual principally provides technical information about the ESKIMO IV. This manual cannot replace training from an approved kite school.

Kiting is a magnificent sport, but certain rules do apply and these must never be neglected. As an "ambassador" of our sport, please respect these rules and always keep safety in mind.

Respect :

- the other riders
- the kite launch and landing zones
- the riding locations
- the rules of riding and of the air
- the public and their safety
- the natural elements

Familiarize yourself with :

- your equipment
- your safety equipment

Make sure that you have adequate personal and third party liability insurance for kiting.

The manufacturer as well as the distributors and agents of GIN Kiteboarding products cannot be held liable for death, personal injury or material damage resulting from any use of this equipment.

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GIN Kiteboarding

GIN Kiteboarding is a rider's company. For us, kiteboarding is a priority and a way of life. The members of GIN's Development Team have worked and ridden hard throughout the year to ensure you get the best experience possible through our products. We are stoked to introduce to you the new ESKIMO IV.

Our philosophy is to create products of the highest quality and performance that are able to provide us with the maximum satisfaction; we are then more than happy to share these with YOU and other GIN riders worldwide. Our development is straight forwards; we focus on what is essential to the performance of our kites rather than investing in marketing features, which in reality do nothing to enhance the product.



Rider: Pascal Simond Photographer: Jean-Marc Robbiani

Construction

A highly skilled workforce takes extreme care during the entire manufacturing process of our kites. Every piece of fabric, reinforcement and detail has been carefully designed, refined and crafted from the most suitable, selected materials. Everything is then assembled in a finely controlled process to create this kite.

After several hours of use, you will still discover small details that simplify your kiting life as a result of the thought GIN put into the design for you.

History of the ESKIMO IV

People of the Canadian Far North, Alaska , Greenland and other Arctic coastal regions, Eskimo (more correctly called the Inuit) are hard experts of specific climatic conditions due to their environment; snow and wind belong to their life. It is in all modesty and as a sign of admiration for these people that we have baptized our snowkite : the ESKIMO. Our ESKIMO is also an expert in the demanding conditions found snowkiting; it is at ease and perfectly adapted.

For what level of rider...

The ESKIMO IV is a high performance kite for experienced riders. On the other hand, its smooth handling and it's safety system with 5th line and 100% depower also make the ESKIMO IV suitable for beginners.

With the ESKIMO IV, the GIN Kiteboarding Development Team have created a foil kite which benefits from the same characteristics as a tube kite :

- fast and precise turning
- great lift
- large depower range

The ESKIMO IV surprises with its fast and easy turn. It flies without any effort on the bar and it's lift is powerful and energetic.

The ESKIMO IV is very useable in low wind, as well as medium or strong wind. Its windrange is impressive.

The control bar setting of ESKIMO IV was thought 100% snowkite, with a finish and a wish of well done details.

The ESKIMO IV is also very easy to use for riding with mountainboard or buggy.

ESKIMO IV's characteristics

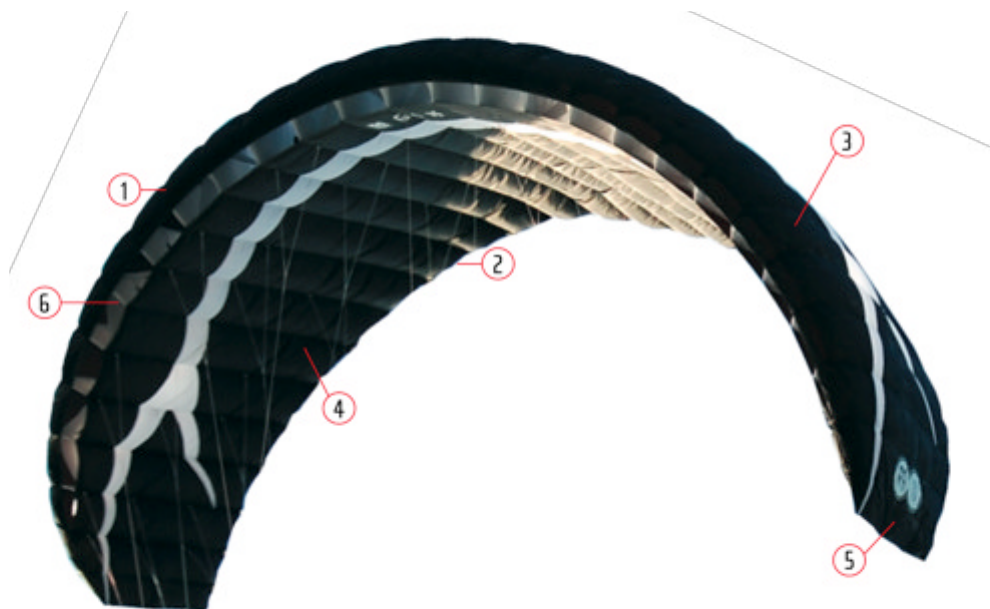
The profile of the ESKIMO IV is of a totally new design, with a higher aspect ratio than the ESKIMO II. The number of cells is also higher, giving better stability and better lift in flight. The bridle system has 3 pulleys each side.

The bar safety system is equipped with a 5th line that is directly connected to the centre of the kite. This allows you to spill all power from the kite if you open the main quickrelease.

All these new features give to the ESKIMO IV stability, reactivity and smooth handling. The ESKIMO IV can be ridden with just 2 fingers and large depower range will give you the control in all situations. The new bar with it's 5th line is an important safety addition.

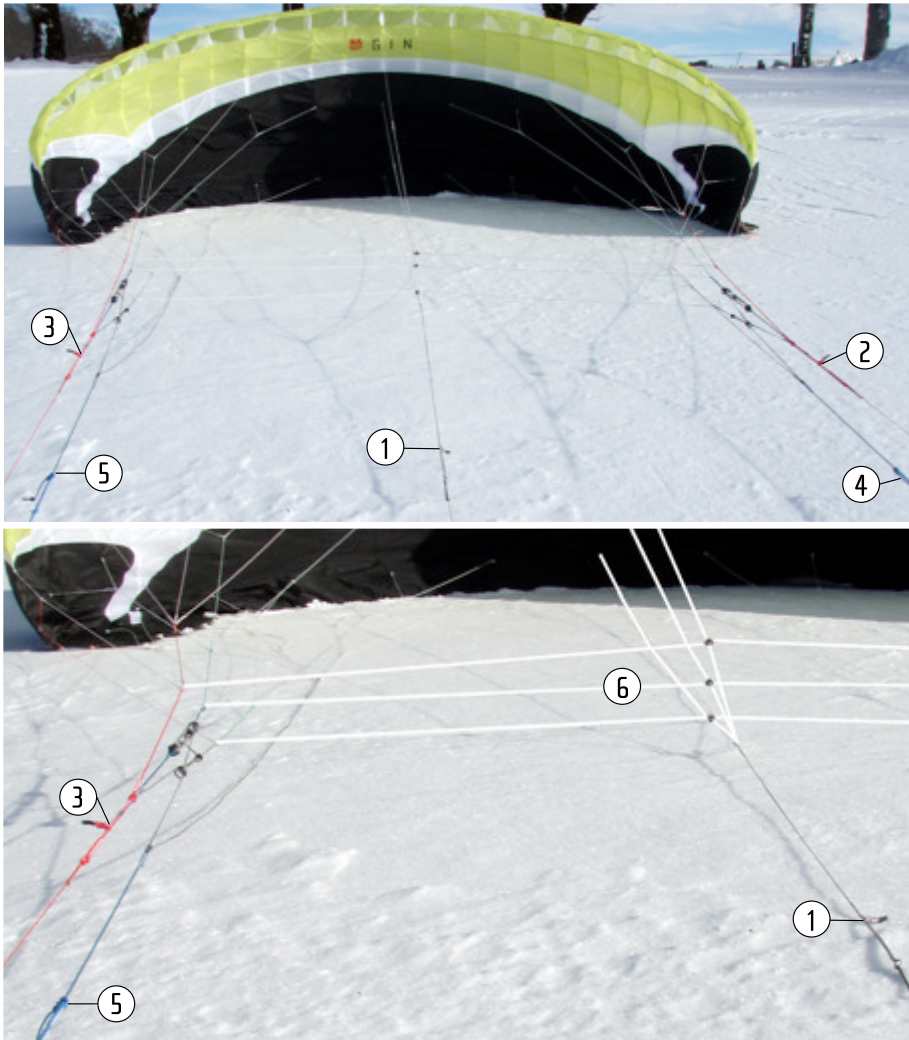
Description of the ESKIMO IV

Kite only



1. leading edge
2. trailing edge
3. top
4. bottom
5. wingtip
6. inlets

Bridles with connection points with flying lines

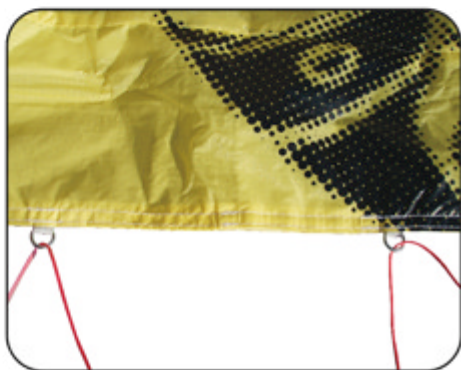


- | | |
|---|---------------------------------|
| 1. 5 th line connection (grey) | 4. right rear connection (blue) |
| 2. right front connection (red) | 5. left rear connection (blue) |
| 3. left front connection (red) | 6. 5 th line bridle |

Technical features of the ESKIMO IV

Safety system with 5th line

Connected to the centre of the kite, the 5th line allows a complete depower after having released the main safety system (Quickrelease). Releasing the safety system, transfers tension from all bridles on to the 5th line. This makes the kite fold in two with the wingtips flying back down wind and “clapping hand” behind. The kite will totally depower and remain on the ground without any traction.



Wingtip sliding bridle

The connection points of the wingtip are free sliding. This gives the kite a more responsive and quicker turn.

Velcro on the trailing edge

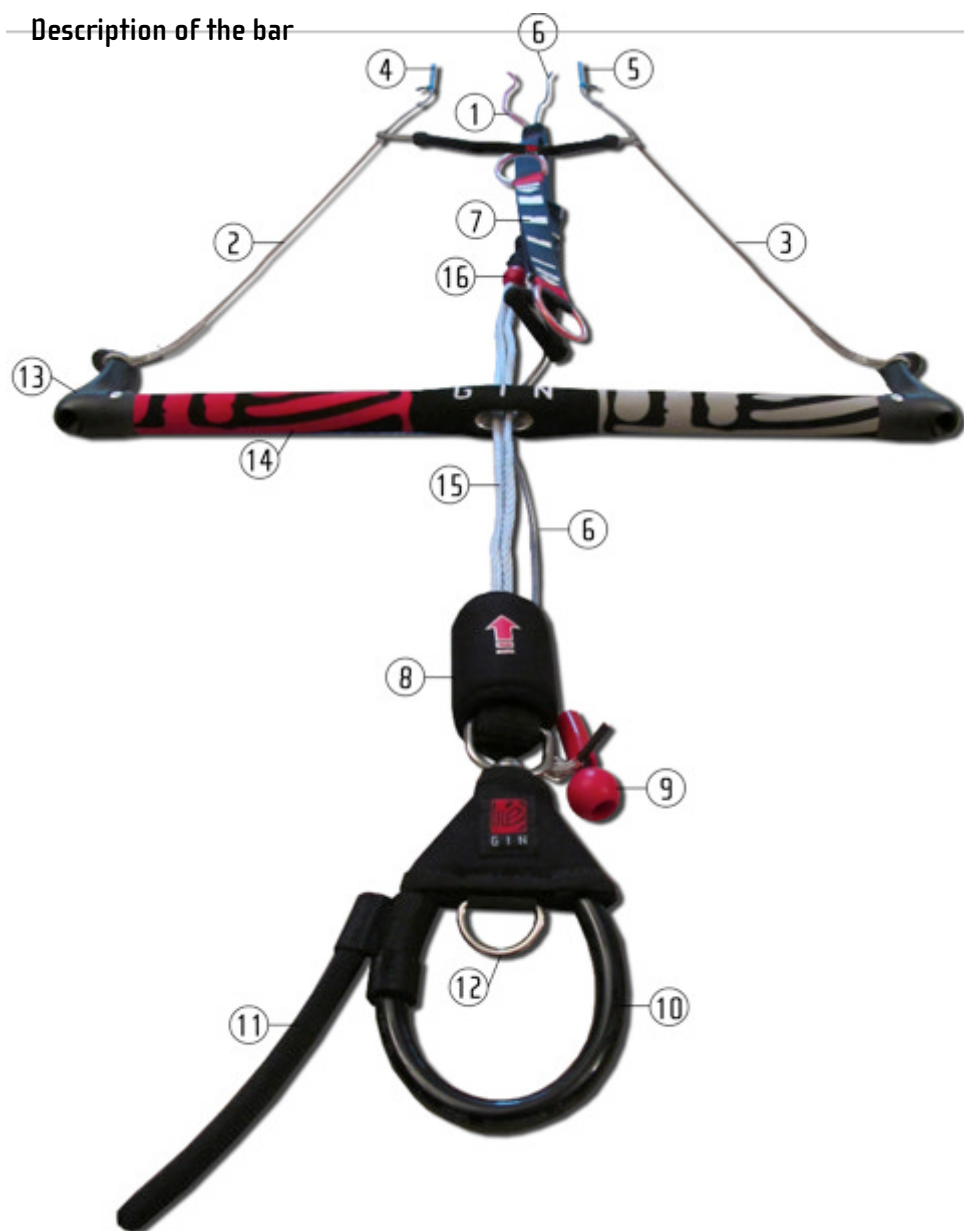
A Velcro strap is placed in the middle of the kite, on the trailing edge. Use this to avoid getting knots in the bridles, this Velcro can fix the flying lines of the ESKIMO IV before folding and packing it.

WARNING : carefully remove the lines out of the Velcro and re-fasten the Velcro strap together before flying the kite.



ESKIMO IV control bar

Description of the bar



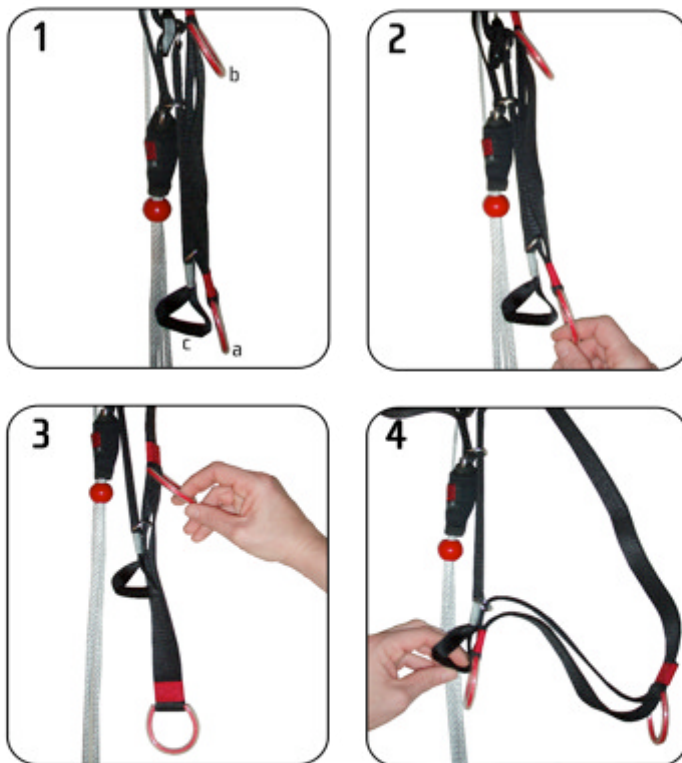
1. combined front pre-line
2. left rear pre-line
3. right rear pre-line
4. left rear flying line
5. right rear flying line
6. 5th line
7. trim.
8. main quickrelease (sleeve)
9. quickrelease of the 5th line
10. chicken-loop
11. stoosh
12. metallic ring for kite leash
13. endcap
14. bar lengths (ESKIMO 6.0 : 44 cm bar / ESKIMO 8.0 : 48 cm bar / ESKIMO 10.0 : 52 cm bar / ESKIMO 12.0 : 56 cm bar)
15. depower line
16. stopper ball

Swivel system

The swivel of the chicken-loop (swivel system) allows you to cancel any twists on the front flying lines and on the 5th line. To unwind the twists after a jump with one or more rotation(s), it is easy to turn the bar first to cancel the twist on the rear flying lines, then to pull down the bar. The act of pulling down the bar relieves pressure on the swivel and allows it to automatically rotate, cancelling any twists in the front lines and the 5th line.

Trim

The power adjustment strap allows you to adjust the power of the kite. Strap released, the kite will have maximum power. Strap pulled, the kite will have less power :



1. Neutral position, no modification of the trim
2. For 50% trim (less power) : Pull down the red down strap [a]
3. For 100% trim (less power) : After having pulled down the first red strap [a], pull down the second red strap [b]
4. To release the trim : Pull down the black strap [c] (more power)

Stopper ball

The red stopper ball lets you choose the position of your bar when you let it go. The position of the red ball defines the maximum depower you will have when you release the bar. Simply move the red ball up or down the depower line to define the best set up for you. The closer to the power adjustment strap you set the ball, the more depower available, and the bigger your margin of safety.

Kite leash

We advise you to always connect a kite leash to the metallic ring on the chicken-loop. This will prevent any loss of the kite if you don't fix the chicken-loop to your harness hook correctly. Furthermore the pivot system of the stoosh designed for un-hooked moves can, in special situations, involuntary release the chicken-loop from your harness hook.



Connect the kite leash to the metal ring of the chicken-loop.

For riding un-hooked. To optimise your safety when riding un-hooked, place the red stopper ball as close as possible to the power adjustment strap.

Adjustment of the bar

The neutral position of the bar allows easy adjustment of the 5 lines.

Neutral position of the bar:



- The power adjustment strap must be released and the bar must be pushed up (depowered).

- The red stopper ball must be placed against the power adjustment strap.

- Have someone hold the chicken-loop (or fix it to a hook) and hold the 5 lines under equal tension :

The knots of the front and rear pre-lines must be at the same level.

At the kite side, all 5 lines must end at the same level.

The knots of the pre-lines can be easily moved by a few centimetres for perfect adjustment of the flying lines.

Safety system of the ESKIMO IV

It is imperative that you know the correct operation and assembly of your safety system before using it. Always check your safety system before each use to make sure that it functions correctly.

Main quickrelease



1. The depower line is fixed to the quick release system with an elastic cord. **WARNING** : the elastic cord of the sleeve must not be twisted around the depower line; it must be parallel to the depower line.
2. Pass the rigid webbing of the quickrelease through the metal rectangle, towards you.
3. Fold the webbing down while pushing up the solid sleeve.
4. Lock the quickrelease by pulling the solid sleeve down against the chicken loop.
5. To release : push the quickrelease sleeve away from you, in the direction of the red arrow on the sleeve. You will still be connected to the kite by the 5th line.

Quickrelease of the 5th line



1. Hold the black end at the end of the grey loop of the 5th line. Pass it through the metallic D-ring of the swivel.
2. Pass the grey loop through the metallic D-ring of the swivel. Pass the pin through the grey loop.
3. Slide the pin into the red tube.
4. The quickrelease is closed.
5. To release : draw the red ball down, in the direction of the 2 arrows in the picture.

Accessories

ESKIMO IV pack

The ESKIMO IV is delivered with a special pack, designed for snowkiting, snowboarding, skiing, etc. :



- 3 webbing straps to carry a snowboard (the upper strap can also be as a compression strap for your kite)
- 2 webbing straps to carry skis
- 2 webbing straps to carry ski poles
- camel Bag inner pocket with protection of the tube from the cold
- waist belt strap with side pocket for iPhone®
- 2 side pockets
- ergonomic back with anti-perspiration surface
- 2 sizes : S (for ESKIMO IV 6.0 / 8.0) and M (for ESKIMO IV 10.0 /12.0)
- volume S : 37 liters / M : 42 liters

Bar bag

Bar bag to protect your bar and flying lines.

When your bar is packed in the bar bag and placed into the ESKIMO IV pack, it will protect the cloth of your kite from abrasion from the bar.



ESKIMO IV lines

The ESKIMO IV is delivered with a set of 5 X 23 m coloured flying lines :

- Red for the fronts
- Blue for the rear
- Grey for the 5th line

The colour of the pigtails on the kite are similar to the colours of the flying lines.

Fabric : Dyneema ®

Length : 23m

Strength : 275 KG

To connect the flying lines to the kite

Connect the flying lines to the correct pigtails of the kite,

The bridle of the 5th line must be carefully placed without any knot neither twist before being connected.

Always connect the lines using a lark's head knot :



Looking after your kite

- Do not leave your kite out in the sun or flapping in the wind if you are not using it, the cloth will prematurely age.
- Never store a wet kite for a long time. Make sure it is completely dry.
- Never use any sort of chemical cleaner on your kite. Only use clean fresh water.
- Store your kite in a dark and dry place leaving the bag open.
- Do not walk on the lines or on the kite. Check carefully all potential problems for example from skis or snowboard edges.

Control bar set-up and safety system

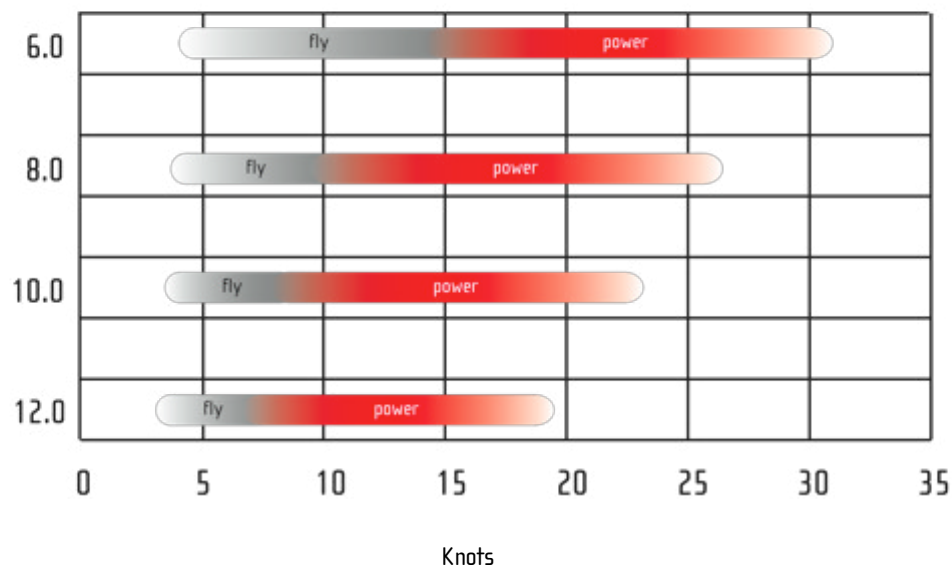
- Check your control bar set-up and safety system before each use to make sure that it works correctly.
- Check for wear and tear on each part, also check all knots and lines, making sure that the neoprene protectors are in place where appropriate.
- Take care to clean your control bar set-up, your safety system, bridles, pulleys and lines of all sand, mud and dust, snow and ice.

Warning

- Your safety and the safety of others depend upon the correct use of this equipment. You are solely responsible for ensuring that you only use this equipment in situations and conditions suitable for your level of competence and in a way that will not endanger third parties.
- Safety does not only depend on the safety systems of the kite, it is also the result of training and of the correct evaluation of the situation and all conditions; the location, potential hazards, other people, the weather, etc
- It is extremely important to receive proper training before using this product and to fully familiarise yourself with all emergency procedures in safe conditions, before having to resort to them in an emergency. The safest place to obtain the necessary skills is from a suitably qualified and competent kite instructor or school. Do not attempt to fly this kite without the necessary skills.
- Your kite and safety systems must be regularly checked and properly maintained.
- ESKIMO IV is a kite adapted for snowkiting and landkiting. Unlike a paraglider or a speedflying wing, the ESKIMO IV is NOT designed for free flight and does NOT meet the specific safety requirements of free flight.

Windrange

Size ESKIMO IV (m")



WARNING : This table should be used as an approximate guide only.

To make it accurate you would have to consider all variables that can modify the windrange, eg :

- the weight of the rider
- the level of the rider
- the performance of the snowboard or skis
- the quality of the snow
- the altitude and conditions specific to each location
- etc...

GIN Kiteboarding warranty

GIN Kiteboarding warrants your ESKIMO IV to be free of major defects in material or workmanship to the original purchase for a period of ninety days from the date of purchase. We invite you to register your ESKIMO IV on the website www.ginkites.com during the seven days after your purchase. We ask you to keep your original receipt.

This warranty is available under the following conditions:

- The warranty is valid only when the product is registered by the owner at www.ginkites.com within seven days of the date of purchase.
- The warranty is valid only when this product is used for normal recreational activities, and does not cover products used in rental or teaching operations.
- GIN Kiteboarding will make the final warranty determination, which may require inspection and/or photos of the product, which clearly show the defects. This information must be sent to the GIN Kiteboarding distributor in your country, postage prepaid. Products can be returned only after having received the authorization of GIN Kiteboarding.
- If Gin Kiteboarding declares that warranty is valid, the warranty will cover only the repair or replacement of the defective product. GIN Kiteboarding will not be responsible for any costs, losses or damages incurred due to shipment.
- The warranty does not cover damages caused by misuse, abuse, neglect or normal wear and tear - including but not limited to – punctures and rigging with other than GIN Kiteboarding components. All damages due to: excessive sun exposure / improper handling and storage will not be covered by the warranty.
- The warranty is not valid where any unauthorized repair, change or modification has been made to any part of the equipment.
- The warranty for any repair or replacement equipment is valid 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 clearly legible.
- There is no special, extra warranty except those laid out on this page.

Acknowledgements

GIN Kiteboarding would like to thank the riders who contributed to the development of the ESKIMO IV. Their effectiveness, their optimism and their ideas brought much to the result that is the ESKIMO IV. Thank you also to all the impassioned people who have given their energy and time for the kite and for GIN Kiteboarding.

Thank you to YOU !



Photographer: Jean-Marc Robbiani