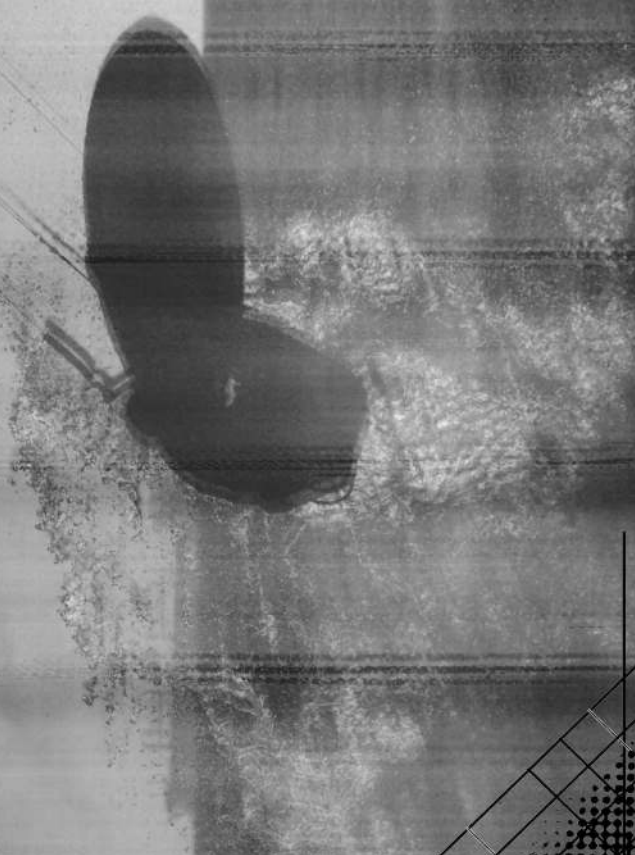


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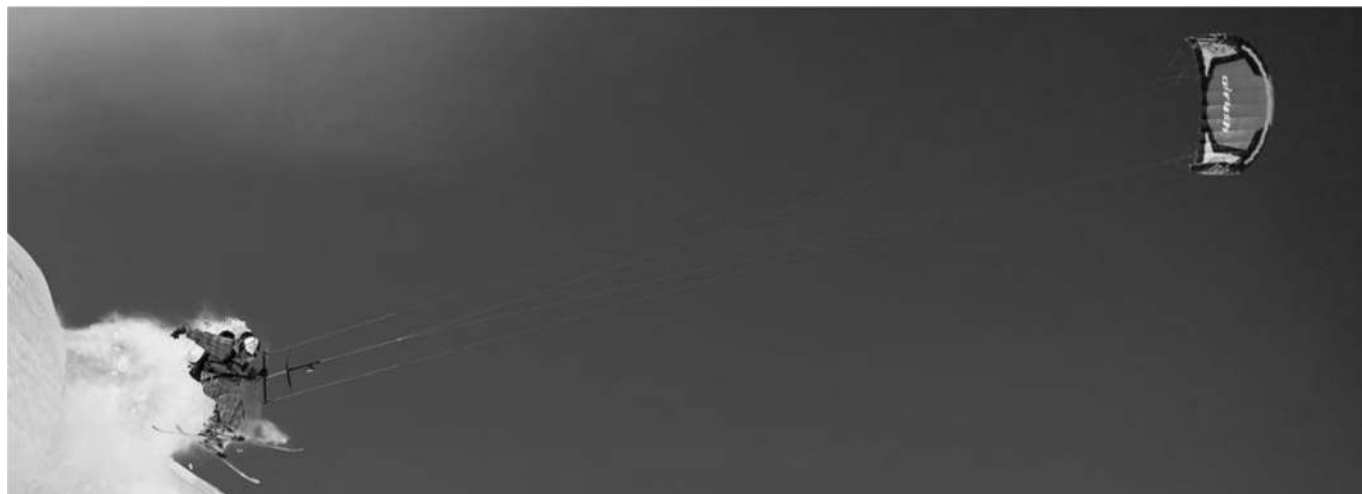
LAND AND SNOW  
KITE MANUAL



[www.airush.com](http://www.airush.com)

## Dear Rider

We would like to express our gratitude to you for purchasing an Airush kite. We are sure you will have hours of action packed fun each time you fly. Remember safety comes first and please read the following instruction guide before taking off.



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## 1. Release of Liability and Claim Waiver

In consideration of the purchase of this product you hereby 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 AIRUSH, its parent or associated companies, resulting from use of this product and any of its components.

To release AIRUSH from any and all responsibility and liability for any loss, damage, expense, accidents and/or injury to people, objects and/or product which may occur as a result of the use of the product, due to any cause whatsoever, including negligence or breach of contract on the part of AIRUSH in the design or manufacture of this product.

Possible faults or delays in repairs give the purchaser no right of compensation for damages or warranty extension.

Transport costs are at purchasers cost as well as costs resulting from the inspection he/she has applied and accepted by AIRUSH.

AIRUSH expressly disclaims any implied warranties of merchantability of fitness for a particular purpose and disclaims any and all responsibility and liability for consequential and incidental damage or any other losses arising from the use of these parts, products and/or components.

## Release of Liability, Claim Waiver and Assumption of Risk Agreement

By assembling this product, you are agreeing to;

1. be bound to the terms set forth below; and
2. require anyone using this product to be bound by such terms. If you are unwilling to be bound by these terms return this product (before use) for a full refund.

## Assumption of risk / Important Warning!

Use of this product and any of its components involves certain inherent risks, dangers and hazards, which can result in serious personal injury or death. In using this product you freely agree to assume and accept any and all known

and unknown risks of injury while using the equipment. The risks inherent in the sport can be greatly reduced by abiding by the Warning and Safety guidelines listed in this User's Manual and by using common sense.

If under the age of 18 years do not operate this kite without the clear consent from a parent or guardian and the correct supervision. If you are learning for the first time, we strongly recommend lessons from a professional instructor connected to an authorized training center.

## Arbitration

The purchaser agrees that the laws of Thailand shall govern any disputes, controversy or claims involving AIRUSH. Such disputes, controversy or claims shall be referred to and finally settled by arbitration in accordance with the Rules of Arbitration of the Thailand International Arbitration Center. The language to be used in arbitrate proceedings shall be English. Arbitration shall be commenced within one (1) year from the date on which any alleged claim first arose.

## Entire Agreement

In entering into this Agreement, you are not relying upon any oral or written representations other than what is set forth in this Agreement and Users Manual.

## 2 . Kite Contents and Safety Recommendation

Snowkiteboarding can be a dangerous sport and should be taken very seriously.

It is strongly recommended that you receive expert instruction from a registered instructor prior to use of this product.

Power kites, their lines and control system can be dangerous to riders and to anyone within the vicinity of their use.

Do not use your kite near or around power lines, airports, streets, trees, and keep clear of other people and obstacles.

Never allow anyone who is not familiar with traction kiting to use this product without experienced assistance.

Always learn to use a small-sized, power kite (2m – 3m Trainer foil) before attempting to use this product for the first time.

Always use your kite with safety release system and familiarize yourself with the system prior to use.

Make sure you spend time to become familiar with the operation of your kite and remember that you are responsible for its safe operation and for the safety of those around you.

As you learn the sport make sure to work within your limitations and do not exceed them.

Never permanently attach yourself to kite for any reason.

The kite is not intended for use as a flying device nor is it intended as a means for a floatation device.

A good rule of thumb when Snowkiteboarding is to always try and ride with a buddy.

### Contents

Kite bag

AIRUSH kite

AIRUSH Snow Bar, components and flying lines

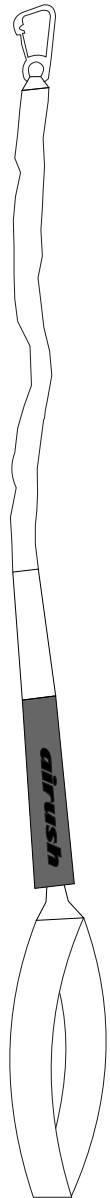
### Beginning Setup:

When setting up your kite and system for the first time we recommend you find some place out of the wind and preferably a nice area so that you can become familiar with the kites system and make sure that it is set up correctly.

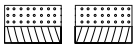
Choose an area that has enough room to fully layout your kite, lines and control bar without any obstructions. If there is any wind at all make sure to position yourself with your back into the wind.

## 3. Snow Bar System //

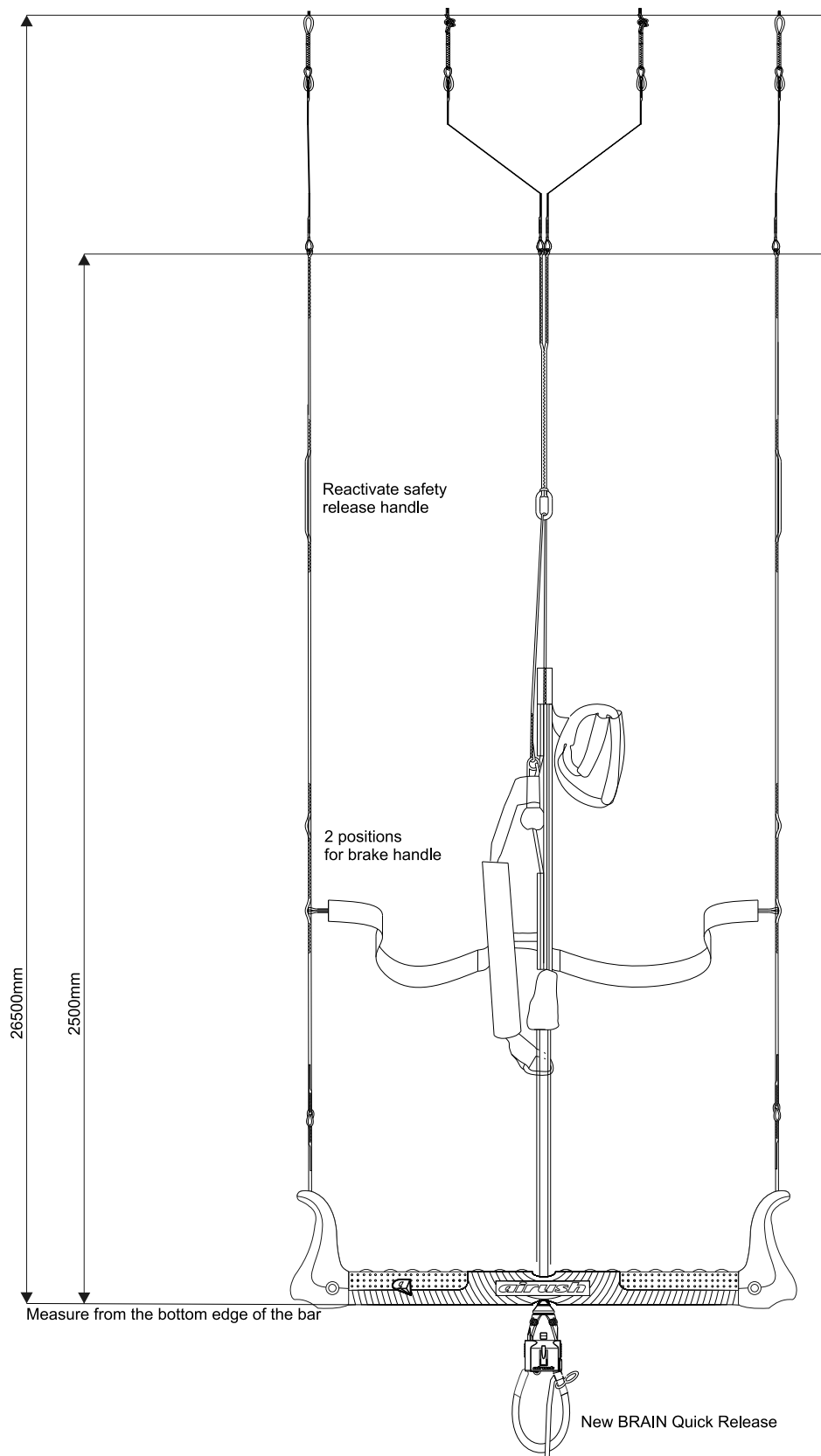
### 3.1 Snow Bar Features // 4 Lines Snow Bar Diagram



New Leash

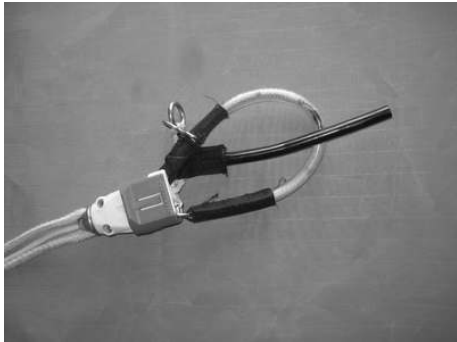


New extra sleeves can be added to make the bar 55cm

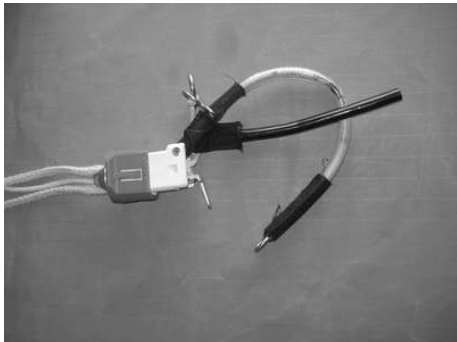


## 3. Snow Bar System //

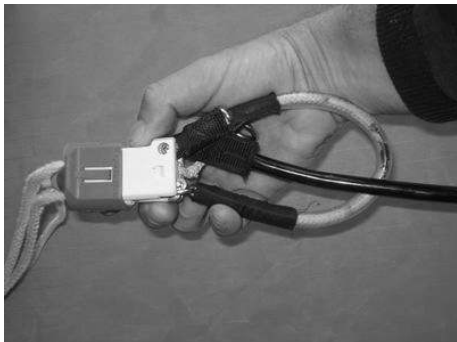
### 3.2 BRAIN Quick Release Operation- Re-assembly and Components



1/ When the Quick Release is properly closed, the locator tabs on the RED sliding collar will click into place, keeping the collar down and in place.



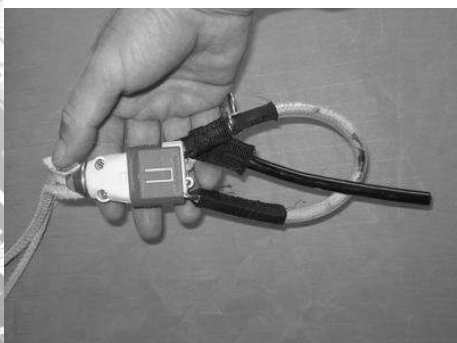
2 / To release, push the RED sliding collar away from the loop. This will cause the pin to release the sheeting loop.



3 / To Re-assemble, replace the O-ring on the end of the sheeting loop over the pin and rotate the pin vertically making sure that the O-ring is seated properly in the housing and that the pin can easily rotate flush against the housing.



4 / Move the RED sliding collar down back over the the pin and housing until the locator pins click into place.



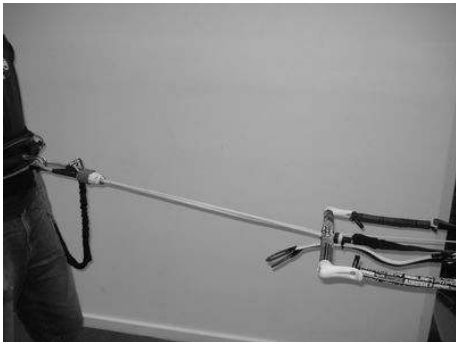
5 / Make sure that the RED sliding collar and pin are seated properly and that the quick release can function properly.

## 3. Bar System // 3.3 Safety Options



### 1 / Primary Safety - Bar Sheeting Depower

By sheeting the bar in and out you can safely adjust the power of your kite. Use the sheeting strap to fine tune the power of your kite by pulling on the RED handle to reduce the power. Pull the BLUE handle to increase the power.



### 2 / Secondary Safety - Let Go of the Bar

Letting go of the bar will allow for maximum depower while still attached to the kite. If you still have too much power, pull the RED handle on your sheeting strap or use the emergency safety shown below. (Note: For maximum depower, the stopper ball must be against the sheeting strap.)



### 3 / Emergency Safety - BRAIN Quick Release

To activate, simply push the RED sliding collar on the quick release to disconnect from the sheeting loop.



### 4 / Final Safety - Leash Release

In the event that the kite still has power, it will be necessary to disconnect completely from the kite and leash.



### 5 / Safe State - Complete Disconnect

To disconnect completely, grab the RED sleeved area labeled "Airush" and push away from where it is connected to your harness in the direction shown by the arrows on the leash.

## 4. Bar System Care and Maintenance // 4.1 Opening up your BRAIN Quick Release

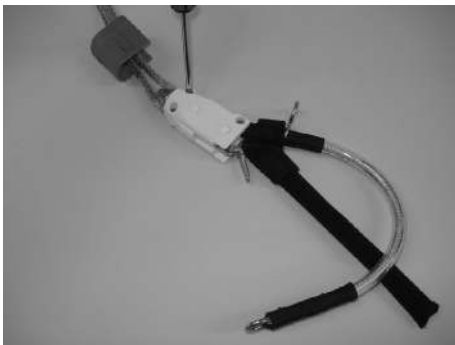
To open the quick release follow steps 1 through 8. To reassemble, follow the steps in reverse and make sure to inspect all parts for damage and rinse the parts in fresh clean water before reassembly.



1 / Open the BRAIN Quick Release



2 / Undo the bottom screw



3 / Undo the top screws



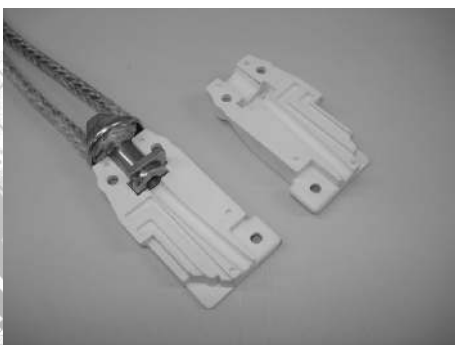
4 / Remove the depower loop



5 / Remove the red release



6 / Open the two white parts



7 / Remove the pin and pin holder



8 / Remove the swivel



## 4. Bar System Care and Maintenance // 4.2 Replace Depower Line



1 / Follow steps 1-8 of section 4.1 to open up your quick release



2 / Remove the damaged depower line



3 / Put the new depower rope through the swivel



4 / Make sure that the rope is not twisted and is seated properly around the swivel



5 / Follow the steps in Section 4.1 in reverse to reassemble your quick release

## 4. Bar System Care and Maintenance //

### 4.3 Remove Locking Tube



1 / How to remove the locking tube from the BRAIN quick release



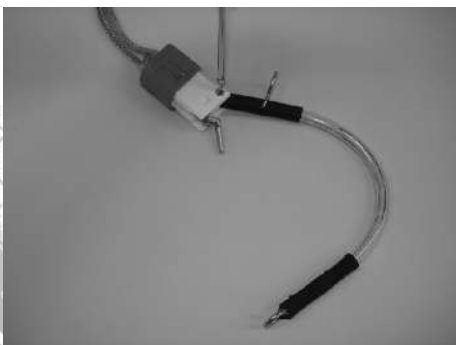
2 / Move up the release and undo the bottom screw



3 / Remove the depower loop



4 / Remove the locking tube from the depower loop



5 / Put the depower loop back into the mechanism and replace the screw



6 / The BRAIN quick release without locking tube is ready to go

## 4. Bar System Care and Maintenance //

### 4.4 Replace Depower Loop



1 / How to replace the depower loop



2 / Move up the release and undo the bottom screw



3 / Remove the depower loop



4 / Remove the locking tube from the depower loop



5 / Change the depower loop and replace the locking tube



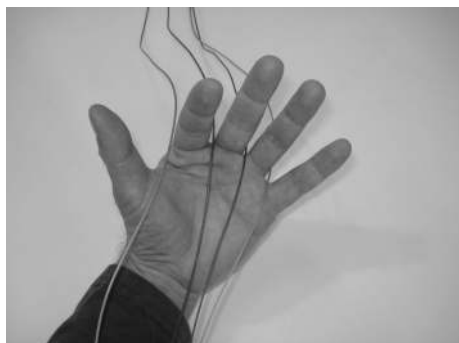
6 / Put the depower loop back into the mechanism and replace the screw



7 / The BRAIN quick release is ready to go

## 4. Bar System Care and Maintenance //

### 4.5 Line Management



Unwind your lines from your bar laying them out parallel to each other making sure to remove all twist starting at the bar. (Pic. 1)

You will notice that the line ends are colored Grey and Red. GREY lines are your steering or BACK lines and should always be connected to the back, or trailing edge connection points on their corresponding sides of the kite. RED lines are the FRONT lines and should always be connected to their corresponding sides of the leading edge of the kite.

With your lines laid out and separated, connect all the kite ends to a solid object, such as a tree, car bumper or pole, using a piece of strong line.



With the ends attached to a solid safe object and your depower loop all the way against the bar and sheeting system all the way out (powered up position), grab your bar and pull back with a good amount of pressure. As you apply and release pressure, all lines should rise and lower evenly and the bar should be perpendicular to the center lines. If this is not correct you will need to do small adjustments to all lines to compensate for this difference. It is important to weight each line individually and then do adjustments. As you pull, each line will begin to lock the fibers into place and minimize the elastic feel in the line. The more time you spend locking down the lines, the less work and adjustments you will need to do later.

The goal for all the adjustments is to end up with all lines with the depower loop and sheeting system positioned all the way out (powered up position).



The first few times that you use your bar system, the lines and knots will settle in and change length slightly. It is important to always check your lines after the first few sessions, especially if your kite feels as if it is pulling to one side.

Now that you have your bar set up and ready, take your time and wrap your lines back onto the bar. You will learn that taking your time wrapping your lines will result in less twists in your lines when you lay them out the next time. (Pictures 02 and 03)

Once you get to the end of the lines wrap the remainder around the end of the bar, and put the elastic bungee over to hold it all tight. (Picture 04)



## 5. AIRUSH Kites//

### 5.1 Kite Setup

01



Securing your kite on land:

Layout your kite with bridles system facing up and trailing edge facing into the wind. If you are in any wind at all put some snow, sand or weight on the trailing edge and let the kite lay out down wind away from the weight. (Picture 01, 02)

02



03



Separate the bridle system:

Be sure that there are no tangles in the bridle system. (Always start to separate the bridle link to the leading edge first, then the bridle link to the pulley and finally the back bridle. ) Lay the bridles system on the ground with the front connection inside and back connection outside. (Picture 03)

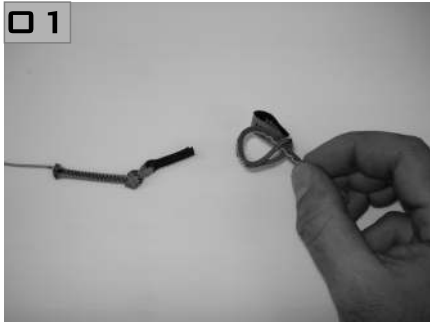
NOTE:

Due to many external factors and the inherent dangers of snowkiting, do not rely on this release system to activate under all conditions. Kite within your limitations and stay far away from dangerous obstacles.

## 5. AIRUSH Kites//

### 5.2 Lines to Kite Connection

01

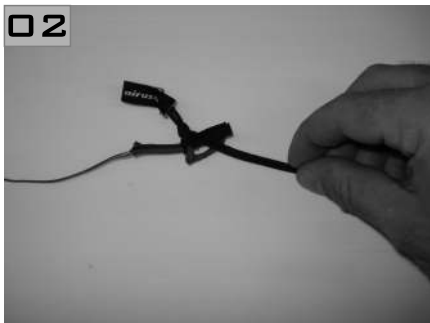


Begin by laying out your fly lines down wind from the bar and close to your kite. Lay out the lines so that there are no twists. Separate the lines so that your two Grey center lines are a good distance apart from each other then lay the two colored lines on either side of the grey lines that correspond to that side.

Start by attaching the Grey, front line, using a lark's-head, slipknot. (Picture 01)

Then take the colored line and attach it to the knot. (Picture 02)

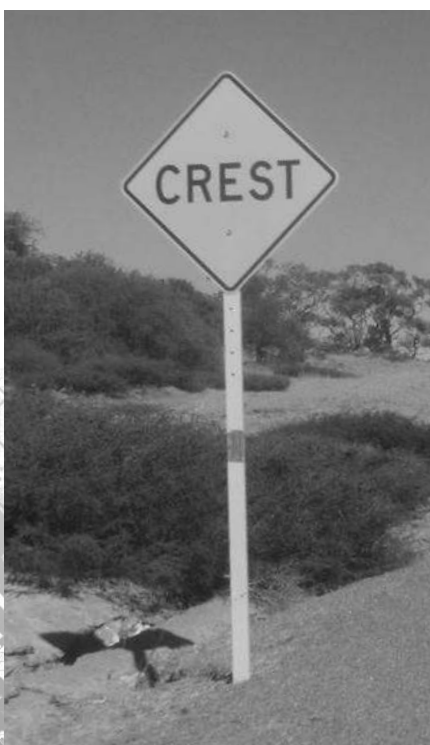
02



Once you have finished attaching the lines to one side of the kite, repeat for the other wing tip, making sure to attach to the same positions as you have done on the first wing tip knots. After everything is connected always check that the colored lines are attached to the back, and that the right is to the right and left is to the left. Its always better to check twice and act once!! If things are connected wrong the kite can respond improperly when launched which can be very dangerous.

#### \* WARNING!

Important note on line setup: Over time kite lines will stretch. It is recommended that you monitor your kite's performance in relation to how your kite lines are stretching. The center lines which attaches to the leading edge of the kite will stretch at a different rate than the steering lines.



## 5. AIRUSH Kites //

### 5.3 Power and Depower



The two front lines that connect to the depower strap and sheeting loop control the angle of attack of the kite and enable the rider to increase or decrease the power of the kite.

While hooked in to the chicken loop, the kite's power can be increased or decreased by moving the bar towards or away from your body. Pushing the bar away decreases the power of the kite, whereas pulling the bar towards you increases the power. (Picture 01 & 02)



The kite's power can also be adjusted using the de-powered strap. Adjust the length with the strap. Reducing the length causes the kite's power to decrease. (Picture 03,04)



#### WIND DIRECTION



- Neutral Zone/Less Power
- More Power
- Most Power

## 5. AIRUSH Kites//

### 5.4 Launch / Land / Relaunch / Pack your Kite



#### Launch the Kite:

Make sure that kite is set up properly. With the kite situated downwind, hook into the chicken loop and slowly add tension to the lines to inflate the kite. Take a step back and launch the kite.

#### Land the Kite:

First way, you could use the handle between the two back lines, pull the handle to the back.

Second way, land your kite with an assistant on the edge of the wind window.

Third way, you could use the primary safety system.



#### Relaunch the Kite:

If your kite lands leading edge down, simply pull the break handle and your kite will begin to fly in reverse. Steer your kite so that the trailing edge is facing down. Let go of the handle to relaunch.

#### Packing your Kite:

1. Secure your kite on the land with sand or snow

2. Wrap your lines back onto the bar in a figure 8 (Picture 01)3. Open the velcro dump seam and remove any debris or snow that may have entered the kite. (Picture 02)

4. Fold your kite by bringing one wing tip to the center of the canopy and then fold again. Repeat with the other wingtip. (Picture 03, 04, 05)

5. If you leave your bar connected, put the bar next to the trailing edge and roll your kite up folding 3 times with your bar inside (picture 05, 06). If you choose to disconnect your bar, stash your bridle system in the velcro on the trailing edge.

6. Put the strap around the kite and put it in the bag. (Picture 07)





## 5. AIRUSH Kites// 5.5 Launch Step by Step



Step 01 : Put tension on the lines to inflate the kite. (picture 01)

Step 02 : Do a visual inspection to be sure that all the lines are connected properly and are not caught on anything. (picture 01)

Step 03 : Grab the front lines with constant pull, tension the lines so that the kite begins to lift off the ground. (picture 02,03,04)



Step 04 : When kite is half of the windows leave the front lines and grab your bar. Push the bar away from your body to depower until the kite has reached the zenith. (picture 05)

Step 05 : You are ready to ride and enjoy!



## 5. AIRUSH Kites// 5.6 Land Step by Step



Step 01 : Grab the brake handle and pull. (picture 01)

Step 02 : Keep pulling on the break until the kite begins to fly back down in the window. (picture 02)

Step 03 : Wait until the kite has completely landed on the ground. (picture 03, 04)

Step 04 : Secure the handle so that the kite remains depowered. (picture 05)



Step 05 : If you want to relaunch, simply release the handle and go through the launching steps again.



## 6. Kite Care and Maintenance

### 6.1 General Advice

To prolong the life of your kite and equipment you should follow these very important instructions.

Never store kite for any extended time in bag if at all wet or moist. Doing so can cause colors to fade and bleed into each other. If canopy is wet allow the kite to dry completely out of direct sunlight.

After use on the sand (with salt) it is always good to wash all gear thoroughly using fresh water and allow to dry out of direct sunlight.

Be sure to either cover or store your kite out of the sun light while not in use.

Periodically throughout the life of your kite, check all connection points and sail for damage and make sure to repair small tears as needed. Small tears can become large tears with one bad crash. Having a connection point break can result in a long walk.



## 7. Tips and Tuning //

### 7.1 Multi- Zone Tuning Options

- Adjusting the bar length



01 Bar ends : push the pin in to remove the bar



02 Add or remove the extension making sure to align the locator pin with the recess on the extension cover.



03 Put the extension back in the bar



04 Make sure that the pin is insert well and that the extension is seated and locked into place.

## 8. Warranty Policy.

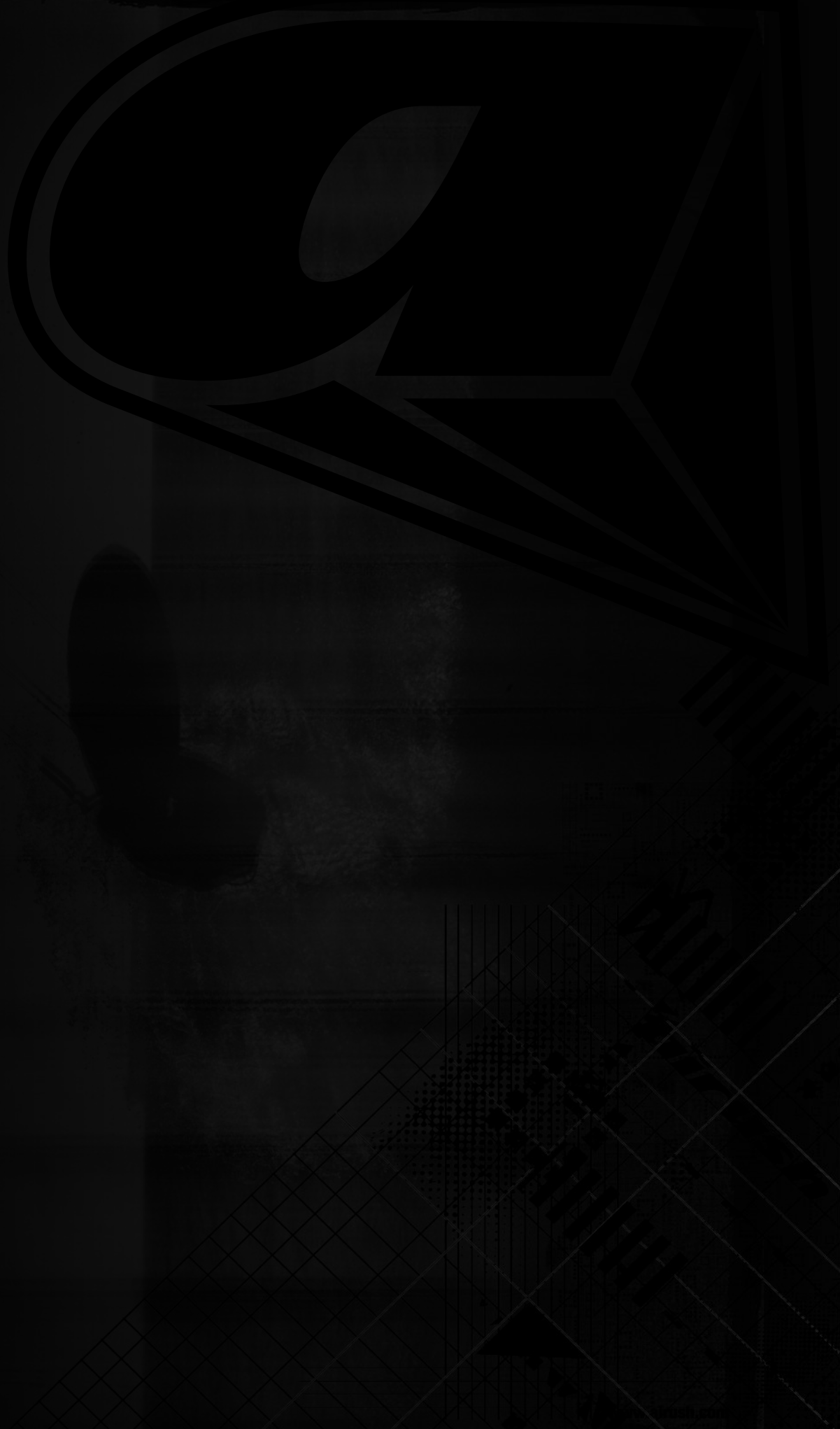
### WARRANTY POLICY

AIRUSH warrants this product to be free of major manufacturing defects in material or workmanship to the original purchaser for a period of 12 [twelve] months from the date of purchase. This warranty is subject to the following conditions:

1. The warranty is valid **ONLY** when the warranty card is properly filled out and returned to the dealer where the purchase was made or to the national distributor within 7 days of purchase.
2. The warranty is valid only when product is used for normal recreational activities.
3. AIRUSH will make the warranty determination, which may require inspection and/or photos of product, which clearly show defect.
4. If a product is deemed to be defective by AIRUSH, the warranty covers the repair or replacement of the defective product only.  
AIRUSH will not be responsible for any cost, losses, or damages incurred as a result of loss of use of product.
5. The warranty does not cover damage caused by misuse, abuse, neglect of normal wear and tear including, but not limited to, punctures, rigging with other than AIRUSH components, damage due to excessive sun exposure or seam failure due to over inflation in the sun, damage caused by improper handling and storage, damage caused by use in waves or shore break and damage caused by anything other than defects in material and workmanship.
6. The warranty is voided if any unauthorized repair, change or modification has been made to any part of the equipment.
7. The warranty for any repair or replacement equipment is good for the date of the original purchase only.
8. The original purchase receipt must accompany all warranty claims. The name of the retailer and date of purchase must be clear and legible.
9. There are no warranties, which extend beyond the warranty specified here.







Please visit our website for more information :  
[WWW.AIRUSH.COM](http://WWW.AIRUSH.COM)