

# 2008 KITE USER GUIDE



## **Introduction:**

Congratulations on your purchase of a 2008 Eclipse kite. We would like to thank you for your purchase, we know you have a choice and we are here to make sure you are happy with your purchase. All Eclipse kites have been built from the ground up to provide the highest performance and quality. Should you have any questions regarding your purchase, please feel free to contact us at:

**Email:** [Info@eclipsekiteboarding.com](mailto:Info@eclipsekiteboarding.com)

**Toll Free Phone:** 1-888-KITE311

**International:** 252-480-2879

**Fax:** 252-480-2879

## **Address:**

Skyway Distribution Inc  
DBA Eclipse Kiteboarding  
100D Jefryn Blvd  
Deer Park NY  
1739  
USA

## **Warning:**

Before attempting to use any Eclipse product, make sure you have carefully read this user guide from cover to cover. While this user guide will show you how to properly set up your kite and display some standard procedures for the safe use of Eclipse products, it **DOES NOT** replace lessons from an authorized instructor. It is your responsibility to kite safely and in control. Do not use this product beyond your skill level and again please read and understand all the information in this guide. If you have any questions please consult your dealer or Eclipse.

## **Disclaimer:**

**All users of Eclipse kiteboarding products agree to be bound under the following conditions upon unpacking the kite or using any product supplied by Eclipse.**

**SKYWAY DISTRIBUTION, INC (DBA) ECLIPSE KITEBOARDING, INC**

**Please read this entire agreement/disclaimer before accepting.**

**By using any product designed, supplied or manufactured by Eclipse kitesboarding/Skyway Distribution Inc you agree to be bound under the conditions of this agreement:**

I agree and understand that kiteboarding is an extreme sport, and as such has risks and dangers INCLUDING DEATH AND INJURY which are inherent to the sport. I agree that I have obtained or will obtain professional instruction before I use any products supplied by ECLIPSE KITEBOARDING, INC/ Skyway Distribution INC.

I realize and understand that as a relatively a new sport kiteboarding equipment and safety designs may not be 100% reliable. Kiteboarding equipment is not designed as a floatation device. It is up to the user to first read the instruction manual supplied with this product or available from [www.eclipsekites.com](http://www.eclipsekites.com) additionally it is the user's responsibility to understand and use proper safety techniques prior to using any product supplied by ECLIPSE KITEBOARDING/ Skyway Distribution, INC

I agree that as an extreme sport, kiteboarding poses a substantial risk of injury and or death to myself and others.

I am over eighteen 18 years of and I understand and acknowledge these risks.

I understand that by using ECLIPSE KITEBOARDING/ Skyway Distributions, INC kiteboarding products I am risking injury and/or death to others and myself and yet I still choose to participate.

I understand that I am fully responsible for all damages and/or liabilities caused by my actions with the use of ECLIPSE KITEBOARDING/ Skyway distribution, INC kiteboarding products.

I have a current personal health insurance policy, and I agree to rely on my own insurance to cover any expenses or liabilities that may arise as a result of any bodily injury or death.

I agree to assume all risk of personal injury, liabilities and death that may result from my purchase and/or use of ECLIPSE KITEBOARDING / Skyway Distribution, INC kiteboarding products.

I agree to waive and release any and all claims and potential claims against ECLIPSE KITEBOARDING/ Skyway Distribution, INC for all personal injuries, liabilities or deaths which may result from my purchase and/or use of ECLIPSE KITEBOARDING/ Skyway Distribution, INC kiteboarding products.

I agree to hold ECLIPSE KITEBOARDING/ Skyway Distribution, INC harmless from any and all liabilities, including all personal injuries or deaths, and property damage, which may result from my purchase and/or use of ECLIPSE KITEBOARDING/ Skyway Distribution, INC kiteboarding products.

I acknowledge and agree that I am choosing to participate in kiteboarding and use ECLIPSE KITEBOARDING/ Skyway Distribution, INC products at my own free will, and am of sound of mind. I assume the risk of any and all bodily injury, death and/or liability, which may result from my participation in kiteboarding. I agree to ECLIPSE KITEBOARDING/ Skyway Distribution, INC harmless from any and all liability, and waive and release any and all claims or potential claims against, ECLIPSE KITEBOARDING/ Skyway Distribution, INC and any of their respective agents, subsidiaries, affiliates, dealers, employees, officers, instructors, directors, shareholders, suppliers and manufacturers in the event of any such bodily injury or death.

By unpacking or using any product supplied by Eclipse Kiteboarding/Skyway Distribution INC I represent that I have obtained professional instruction and agree to be bound by the terms listed I above and warrant that I have read this agreement in its entirety and fully understand its contents.

## **Choosing the Right kite:**

It is very important to use the right sized kite for the wind conditions. If you are not sure what size kite you should use, please take additional lessons till you are comfortable analyzing the wind conditions. Remember it's better to have less power than too much. Rig a small kite first.

## **Understanding the Wind Window:**

The wind window is the area the kite can be flown in, if the wind is on your back and you extend your hands to the left and right, the area directly in front of you is the wind window or the area the kite can be flown in. See Diagram below.

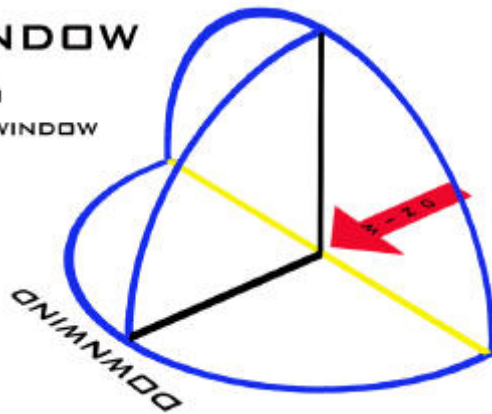
Side shore wind: The wind is from the left or right end of the beach.

On Shore wind: The wind is blowing directly on to the beach

Off Shore wind: The wind is blowing away from the beach – NEVER KITE IN THESE CONDITIONS YOU WILL GET STUCK IN THE SEA!!!

## WIND WINDOW

- WIND DIRECTION
- EDGE OF WIND WINDOW
- CROSSWIND



### Kite Set up

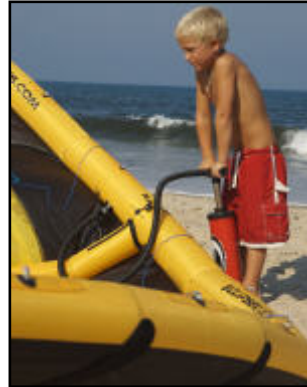
All Eclipse kites have been designed to take advantage of new technology involving the use of bridles, if you are unfamiliar with use of bridled kites please call us or consult your dealer.

### Step 1



Take your kite out of the bag and lay out the kite with your back to the wind. Be sure to lay sand on the canopy of the kite to secure the kite on the beach.

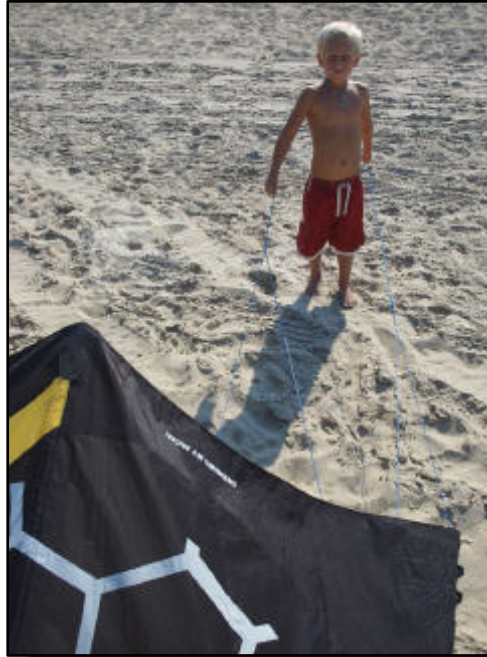
## Step 2



1. Start to inflate your kite's struts from wingtip to wingtip. When you pump the struts be sure to make them tight but do not over inflate the struts or you will risk damage to your kite.
2. When you have finished inflating your struts, proceed to inflate your Leading edge. Be sure to attach your pump leash to the connection point.
3. Pump the LE until it feels completely full.
4. When you have finished inflating your kite be sure to lay the LE down into the wind direction, secure the canopy with sand.



## Laying out your kite lines



After you have inflated and secured your kite, now it's time to set up your kite lines and control bar.

**It is very important to rig your line properly. Failure to do so could result in injury or death.**

### Step 1

When unrolling your lines, unroll the lines upwind of the kite. Make sure you separate each line so there are no twists or tangles.

After you have separated all your lines you can start to connect them to the kite in the following manner:

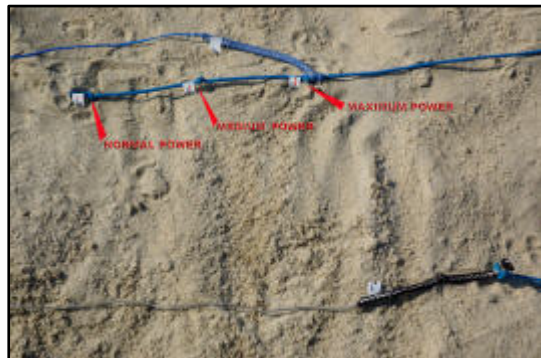
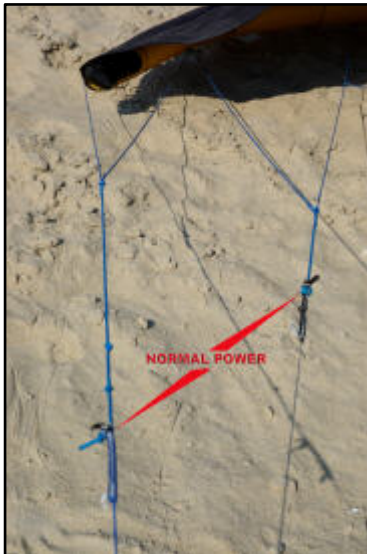
**Red line:** attaches to the left side of the kite this line will make the kite turn left.

**Blue Line:** This line attaches to the right side of the kite, this line will turn the kite right. Vice versa for the left side.

**Gray lines:** These attach to the leading edge of the kite, these lines support the kite when in the air.

Remember always check your lines more than once to make sure there are no tangles in the lines.

### **Bar and Back line settings:**



**All Eclipse kites feature 3 knots on the back bridle line and the connection point on the bar. These knots will adjust the turning speed, bar pressure and de-power throw.**

### **Kite attachment line:**

**Top knot:** This will shorten the length of the back line and thus reduce the de-power in the kite and increase the turning speed. Recommended for advanced riders only.

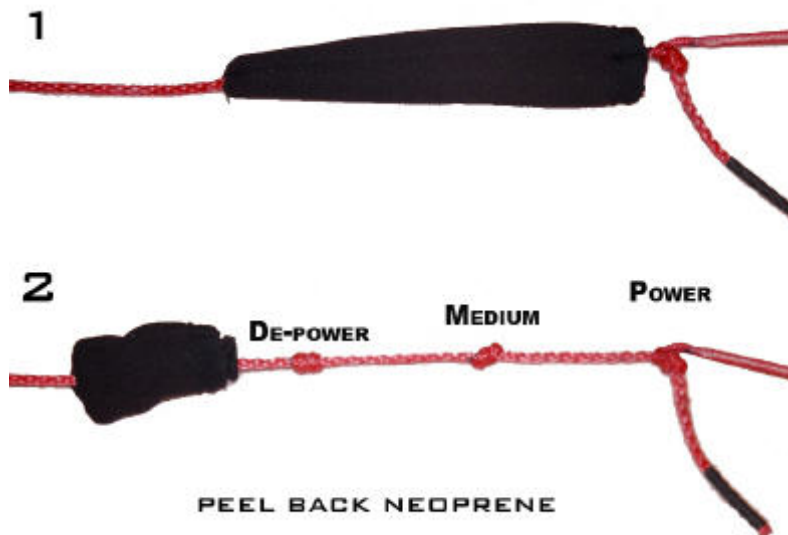
**Middle Knot:** This knot will provide average bar pressure de-power and turning speed. Recommended for average and intermediate riders.

**Back Knot:** This knot will provide the greatest de-power and light bar pressure. Turning speed will slow down slightly when the bar is sheeted out. Recommended for novice through to intermediate riders.

**Note:** Lines on the kite will provide the following results the top not will provide the greatest de-power while the back will provide the least.

Use these knots to fine tune your kite to your ability level. We recommend setting the kite on the middle knot on the bridle and top knot on the leader lines.

### Power settings:



## **Kite Leash:**



**All Eclipse control bars feature two Leash attachment points. You must always kite with a kite leash!!!! Kiting without one is dangerous and illegal in some areas.**

## **Safety handle leash:**

**Beginners or new users should use the full de-power leash setting on the red and blues lines. This option will flag the kite out on one line bringing the kite safely onto the water in the event of an emergency. Please note that the leash will only work when the rider is unhooked or pulls the quick release system.**

## **Kill switch leash:**

**More advanced riders will appreciate the simplicity and safety of our new kill switch system. This**

leash option works just like a suicide leash only now it will fully de-power the kite.

This leash attachment takes advantage of the additional de-power provided in the sheeting system.

With this setting in high wind the kite will slowly fall to the water ready for re-launch, in light winds the kite will fall from the sky ready for re-launch.

Note in some cases the kite will still have some power and may not fall into the water.

In most situations use of this leash attachment allows the rider enough time to grab the bar and regain control of the kite, in the event the bar is released. Using the kite in the recommended wind range is imperative when using this attachment point.



## **De-powering your kite:**

**All Eclipse kites feature two ways of easily de-powering the kite.**

### **Primary De-power strap:**



**Pulling in the red handle will shorten the flying lines and thus tilt the kite into the wind to reduce the power.**

**To power up the kite simply pull the black strap down and the kite will power-up.**

**The de-power strap is also useful for tuning the kites turning speed and adjusting the kite to ride unhooked.**

## **Sheeting:**

**All Eclipse kites feature pulleys on the kite which when combined with the Eclipse EZ Lock bar will significantly de-power the kite. Simply let the bar out to reduce power or bring it in to your waist to increase the power.**

## **Warning:**

**It is a common misconception that fully sheeting out the bar will result in the kite reaching 100% de-power and fall from the sky.**

**Both the Eclipse Nano and Thruster kite will remain de-powered with minimal pull when the bar is fully sheeted, however the kite will remain in the air.**

**If you are in an emergency situation and must kill the kites power PULL YOUR QUICK RELEASE!!!**



## **EZ Lock Cleat System:**

**See video at:  
[Eclipsekites.com](http://Eclipsekites.com)**



**All Eclipse kite control bars feature our unique proprietary cleating system.**

**This system has been designed to lock the kite bar into place and allow the rider to ride with consistent power, by locking out the sheeting ability of the kite. This system is especially useful when performing tricks or maneuvers that require constant power in the kite. It is also useful for cruising.**

**The EZ lock System engages by simply pushing the cleat into the rope. After you have set the Cleat in place, simply push the bar into the cleat to lock it in place.**

**To disengage the EZ lock system, simply pull down on the strap and it will release. During testing we**



noticed the EZ lock system will also release under impact with water or land, however, results have varied see warning below. The EZ lock system can be set on the top of the rope to stay out of your way when not in use.

**NOTE:** Initially the Cleat may not always remain in place allow time for the rope to be broken in.

**Warning:** The EZ Lock Cleat has been designed for experienced kites ONLY. While the EZ lock system offers benefits for all riders the mechanics of a cleat prevent the system from automatically disengaging in the even of an emergency. Inexperienced or riders who are not conformable using the system should take the bar to there local Eclipse retailer for removal of the EZ lock cleat system.



## **Quick Release System:**

**All Eclipse bars feature an easy to use Quick release system. Please check this system regularly to ensure it works appropriately as the quick release may save your life in an emergency situation.**

**To activate the Quick release, simply pull the red handle away from the bar and towards you. All tension will then be transferred to the gray flying line resulting in a controlled descent of the kite.**



**To reset the Quick release follow the procedure below:**

**Step 1: Retrieve your kite bar; make sure your legs, arms or any other body part is not wrapped around a line.**

**Step 2: Hold the chicken loop with one hand and slide the metal ring over the mechanism.**

**Step 3: Push the mechanism back into place.**

**Step 4: Hook your chicken loop into your harness and follow re-launch procedures. (See next page for more details on re-launching your kite)**

**Note: Never re-launch your kite on land or close to shore after the QR has been pulled during an emergency situation, doing so will result in a dangerous “Hot Launch” which is very dangerous.**

## **Re-launching your kite**

**All Eclipse kites have been designed for easy rear line re-launch. Follow the following steps to ensure an easy re-launch.**

**Step 1: Simply pull and hold the black or red line and the kite will eventually turn into the launch position**

**Step 2: As the kite starts to re-launch sheet out your bar to minimize pull and aid the ascent of the kite.**





## **Maintaining your kite:**

**All Eclipse products have been designed to bring lasting enjoyment to the user. If you take good care of your kite and control system your kite will provide you with many great sessions.**

**Eclipse highly recommends the following maintenance procedures:**

**Do not let your kite sit inflated in the hot sun for extended periods of time. If you are going to spend time off the water deflate the kite and put it in the bag, this will ensure the kite bladders do not pop and colours don't fade.**

**Avoid sand in the bladders: Take care to prevent sand from entering the bladders, this can cause the bladders to pop.**

**Keep lines knot free: knots damage the kite lines and reduce their strength making them prone to breaking.**

**Don't pack your kite when wet: Wet kites will cause the colours to run and also encourage mould growth on the kite; this can result in damage to the canopy.**

**Always let your kite dry completely before storage.**

**Wash off your gear: We recommend washing and drying your kite and bar after every use.**

## Repairing your kite:

Kites no matter how well they are built are by design, fragile items. They are meant to be flown in the air, not on the beach. However, we know that damage and repairs are inevitable and we are here to help. Eclipse has a contract with one of the best sail repairers should your kite be damaged we will provide an excellent repair rate. If the damage is under warranty we will repair or replace your kite free of charge. See warranty for more info. All Eclipse kites come with a complimentary KITE FIX repair kit. Tips to get you back on the water fast can be found on [www.eclipsekites.com](http://www.eclipsekites.com)



## **Warranty Info**

In the unlikely event an Eclipse product fails under normal use within 6 months of end user purchase we will repair or replace the defective unit at our discretion after inspection. Please review the warranty details listed below.

Eclipse warrants its products to the purchaser for limited period of six months on every defect on workmanship or material to be found on the gear, under the following conditions:

- 1) The purchaser uses the gear privately & does not use the gear for any commercial use.
- 2) The gear has not been modified.
- 3) The warranty will be valid only if the original purchaser will address Eclipse at [warranty@eclipsekites.com](mailto:warranty@eclipsekites.com) or our customer service department at 1-888-kite311
- 4) All products returned to Eclipse for warranty inspection must receive a return authorization, which can be given over the phone or via email from our customer service department
- 5) The customer is responsible for the cost of shipping products freight prepaid and insured. Eclipse assumes no responsibility for products during shipment from the customer to our Warranty Department. Shipping charges are not refundable.

6) Eclipse will assume responsibility for return shipping And insurance cost to the customer.

7) Repaired or replaced products are covered for the remainder of the original warranty only.

8) The original purchase receipt from an Authorized Eclipse dealer or agent must accompany all warranty claims.

9) This warranty does not cover wear and tear. Only defects as determined by Eclipse in material or workmanship are covered under the warranty.

This warranty does not cover any defects resulting from improper use of the gear & other damages like improper handling and storage, crashes, damage caused by use in waves or shore break, punctures, excessive sun exposure, over inflation of the bladders, improper handling and storage, damage caused by anything other than defects in the material and workmanship. Eclipse will decide exclusively whether the warranty is valid according to the proofs given by the purchaser. The warranty is valid only for the original purchaser.

Thanks for your purchase of an Eclipse Kite we hope to see you on the water soon. Enjoy your kite.

If you have any questions please call us at 1-888-KITE311  
Or e-mail us at [info@Eclipsekites.com](mailto:info@Eclipsekites.com)