



RIOT XR

USER MANUAL

WARNING: KITEBOARDING IS DANGEROUS

1. WARNING:

Get professional instructions before you go kite surfing!

Always be extremely careful when using this product

Due to safety precautions the kite should only be used on open and unobstructed water.

While using the product you're responsible for your own as well as others well being

Always use the size of kite suited to your skill level and the wind conditions. Always keep in mind that gusts can be deadly. Stated wind ranges are indicative and are set with reference to experts

Never go kite surfing when there are obstacles down wind

Never go kiteboarding when the wind is directly on- or offshore

Fly this kite only if you are a strong swimmer and are wearing an approved PFD

Only use the product if you are in good mental and physical shape

ASSUMPTION OF RISK

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

RELEASE AND WAIVER OF CLAIMS

You hereby agree that you have read and understood the whole CORE kiteboarding user's manual (manual below and complete instructions on www.corekites.com) including all Instructions and warning notices. Furthermore you agree to undertake to make sure that any third party (who gets the product from you for a certain or unlimited period of time) has read and understood all instructions and warning notices contained in this user's manual before you permit the use of the CORE Kiteboarding Product.

In consideration of the sale of the CORE kiteboarding product to you, 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 CORE kiteboarding and all related parties resulting from use of the CORE kiteboarding product and any of its components.

To release CORE kiteboarding and all related parties from any and all liability for any loss, damage, injury, or expense that you or any users of your CORE kiteboarding product may suffer, or that your next of kin may suffer, as a result of the use of the CORE kiteboarding product, due to any cause whatsoever, including negligence or breach of contract on the part of CORE kiteboarding and all related parties in the design or manufacture of the CORE kiteboarding 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, and representatives. CORE kiteboarding related parties have not made and expressly deny any oral or written representations other than what is set forth herein and the CORE kiteboarding product User's Manual.

KITE SET UP

RIOT XR

PREFLIGHT CHECKLIST

1. Make sure your launch area is open, FREE OF DOWNWIND BYSTANDERS, hard objects, nearby power lines, buildings and walls, within at least 200 ft. (60 m), and preferably more. Some riders have needed in excess of 500 ft. (170 m), to regain control during violent dragging or loftings. Avoid kite-boarding near airports and in low flight path areas, complaints have led to restricted access in some areas.

2. Check to see what size kite other kite-boarders are rigging and get their input on conditions. Do not rig too large a kite for conditions and carefully consider the advice of more experienced riders. Failure to act on prudent advice has resulted in severe injury for some riders.

3. Check your kite for tears or leaky bladders. If you have leaky bladders or tears in your kite, repair them before flying.

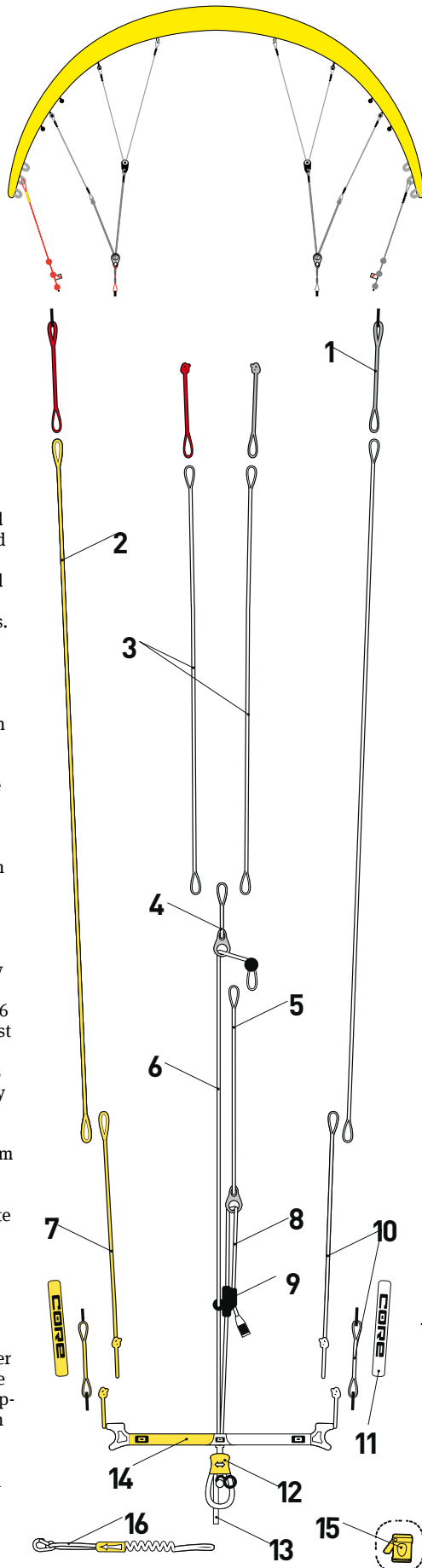
4. Check ALL kite, harness, control bar lines, webbing, pigtails, bridles, the chicken loop and leaders for knots, wear or abrasions. If the line sheathing shows any breaks, replace them. The pigtails should be replaced no less frequently than every 6 months on inflatable kites. Inspect and test all your safety releases.

5. Make sure your flying lines are equal as they will stretch unevenly with use. If they have knots that can not be easily untied, replace your flight lines.

6. Walk down your lines and examine them carefully. Just before launch pick your bar up and carefully look down the lines for twists and tangles that could cause the kite to be dangerously uncontrollable. While you are holding your bar up, look down the lines, shake your bar to make sure the center lines are connected to the leading edge of the kite. Be particularly careful, slow and methodical in high winds.

Multiple, careful preflight checks in higher winds are strongly advised. Inflate the kite to a max of 6-7 psi and close the FastPump-Clamps properly. To depower the kite with the adjuster, always keep a little tension on the backlines.

Double-check the weather conditions and if you are in doubt, do not go out!



SENSOR BAR SYSTEM 24M LEINEN/LINES / 52/45CM

- 1 Connector-Leinen/Connector Lines
K20370
- 2 Steuerleinen/Steering Lines
20M K20373 / 24M K20375 / 31M K20377
- 3 Front-Leinen/Front Lines
20M K20372 / 24M K20374 / 31M K20376
- 4 Y-Pulley
K20378
- 5 Power-Leine/Power Line
K20379
- 6 Virtuelle 5te Leine/Virtual 5th Line
K20380
- 7 Vorleinen/ Leader Lines
K20381
- 8 Depower-Leine/Depower Line
K20384
- 9 Sensor Adjuster
K20382
- 9^a Adjuster Grip
K20382
- 9^b Adjuster Cover
K20382
- 10 Vorleinen-Justierleine/
Leader Adjustment Line
K20381
- 11 Schwimmer/Floater
K20383
- 12 Sensor Auslösesystem/Sensor Release
K20385
- 13 Chickenstick
K20372
- 14 Sensor Control Bar
K20390
- 15 Sensor Stopper (optional)
K20391
- 16 Sensor Short Leash
K20388
- 17 Sensor Pro Leash (optional)
K20389

Have fun and enjoy your safe ride!

KITE SET UP



Attach the pump leash to the loop provided.



The new speed valve has a threaded seal. Open the speed valve by turning the cap to the left (in a counter-clockwise direction).



The pump can be attached directly to the speed valve; the bayonet cap of the pump tube fits directly onto the speed valve – no adapter required.



Pump up the kite between 6 and 7 PSI. An underinflated kite will not perform to its potential, it will re-launch worse from the water and the material, due to the weaker form, is placed under more stress.



When the kite is fully pumped up, screw the pump tube from the valve. The speed valve has a seal membrane which prevents air escaping. Close the cap of the speed valve by turning it to the right (in a clockwise direction). The cap will snap into place with a clearly noticeable "Click".



To deflate the kite, screw off the cap and place the deflate-stick into the valve. The deflate-stick opens the seal membrane and allows the air to escape. The kite can then be packed away.

ROTOR RELEASE AND WATER LAUNCH



In an emergency, grip the Rotor release with one or both hands. Turn the casing until the system releases.



The Rotor release will always release, no matter which way the casing is turned.



The chicken loop will open and the bar will slide up the virtual 5th line.



The kite will drop depowered down the side of the wind window.



The kite falls depowered on to the water.



After a short while the kite will be in the face to face position.



In this position the kite is 100% depowered.



Now you can re-assemble the Rotor release.



To do this, hold the casing in one hand and the chicken loop in the other hand.

ROTOR RELEASE ASSEMBLY



Place the chicken loop ring above the release stick.



Thread the chicken loop ring over the release stick.



Once the chicken loop ring is threaded over the release stick, place the chicken loop ring into the Rotor release casing.



Take care to prevent any sand or dirt from entering the system.



Tip: it is even easier if you hold the chicken loop and the release stick with your thumb and you turn back the release casing.



Turn the release casing back into the release ready position, the release casing will snap into the ready position.



Please ensure that the sensor release and sensor leash are functioning and accessible, before launching! Perform a test release before launching!



Please ensure that no dirt or sand is trapped in your safety system. If they are, please thoroughly clean all safety system parts before launching.

WATER LAUNCH



To re-launch the kite from the face to face position simply pull on one steering line. Important: Always pull on the steering line that is lying over the tip of the kite.



Whilst pulling the steering line, wait for the kite to move into the launch position. Release the steering line.



Ensure that the bar is the right way around, simply locking the bar in position is enough to launch the kite.



Lock the bar in an upright position until the kite has moved to the edge of the wind window.



Whilst the kite is moving toward the edge of the wind window, gently put steering pressure on the bar.



When the kite has reached the edge of the wind window reduce the steering pressure on the bar. Ensure that all lines are ordered and not twisted.

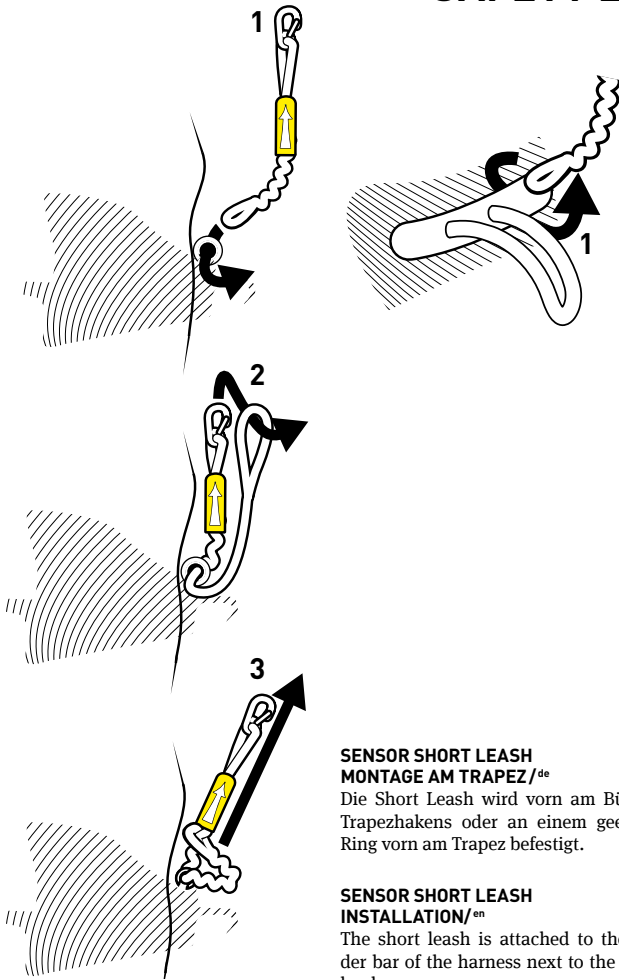


When all the lines are in order and you have checked your safety system again, a gentle tug on the sensor bar will suffice to launch the kite.



Fly the kite up the wind window in a slow and controlled manner.

SAFETY LEASH ATTACHMENT AND ADJUSTER TRIM



SENSOR SHORT LEASH MONTAGE AM TRAPEZ/de
Die Short Leash wird vorn am Bügel des Trapezhakens oder an einem geeigneten Ring vorn am Trapez befestigt.

SENSOR SHORT LEASH INSTALLATION/en
The short leash is attached to the spreader bar of the harness next to the harness hook.



The chicken stick is attached, from the bottom, to the harness hook. Only this position prevents an unwanted unhooking.



The sensor safety leash should always be attached, prior to launching the kite, by attaching the leash, from the bottom, to the big ring of the double ring.

WARNING

Wähle deine Kitegröße immer passend zu deinem Fahrkönnen und dem Wetter.

WARNING

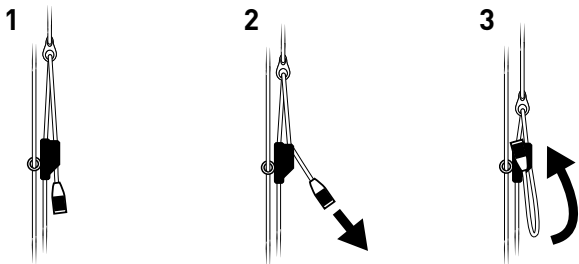
Always choose your kitesize properly to suite your **riding level and the weather situation.**

SENSOR ADJUSTER TRIMM/de

Über den Adjuster hast du die Möglichkeit den Kite Trimm zu verändern.

SENSOR ADJUSTER FUNCTION/en

You can adjust the power of the kite with the adjuster.

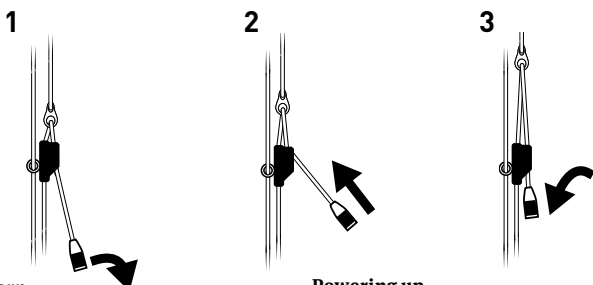


Depowern

Greife den Adjuster Griff und ziehe ihn in Richtung deines Körpers, bis der gewünschte Depower Effekt erreicht ist. Die Leine wieder in der Klemme fixieren. Um ein Verwickeln des Adjusters zu vermeiden, kann der Adjustergriff durch den Klett an der Adjusterklemme befestigt werden.

Depower

Grab the adjuster grip and pull towards your body until you get the desired depower effect. Lock the line in the cleat again. To prevent the adjuster from getting tangled you can lock the grip with the velcro on the adjuster cleat.



Anpowern

Um den Kite wieder zu powern greife den Adjustergriff und ziehe ihn ein kleines Stück in deine Richtung um die Leine aus der Klemme zu lösen und lasse die Leine jetzt zurück gleiten, bis du die gewünschte Power im Kite hast und fixiere die Leine wieder in der Klemme.

Powering up

Pull the adjuster grip a short distance to unlock the line in the cleat and let the line slide back until you have the desired power, then let the line lock in the cleat again.



CORE INTELLIGENT TRIM SYSTEM

CORE kites always give very good bar feedback. Kite feedback through the bar is a very important factor; both for the professional and the beginner.

The amount of bar pressure is however a personal preference. Good kite feedback means that you can feel the kite perfectly and always know exactly where the kite is. This allows you to concentrate on the board or the trick without having to constantly check on the kite. The right amount of bar pressure is different for each kiter; some kites prefer medium to high bar pressure whilst others want as little bar pressure as possible.

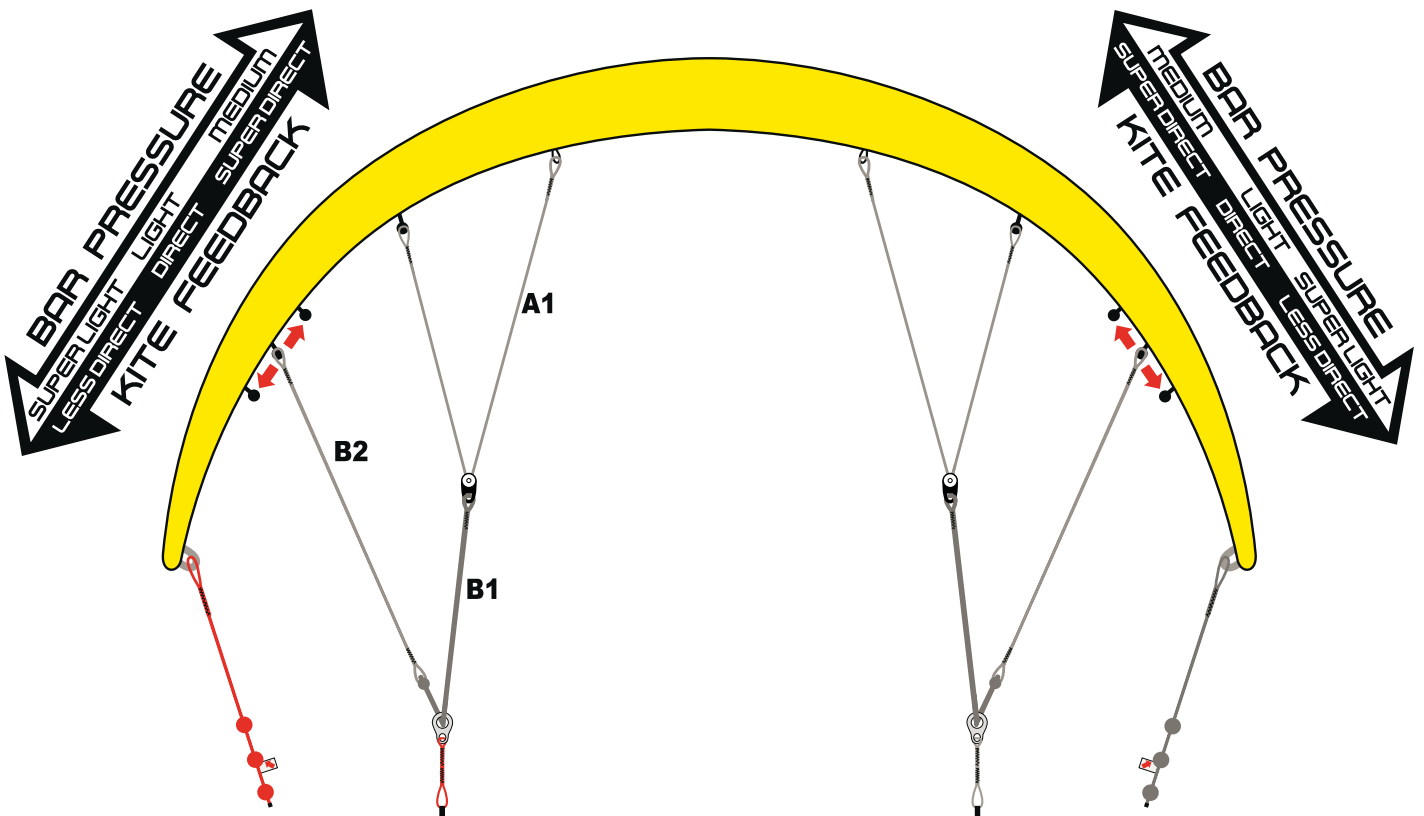
It is for this reason that CORE kites gives you the trim options to tune your kite to your personal preferences.

TRIMMING THE BAR PRESSURE, TRIMMING THE KITE FEEDBACK

With these trim options you can determine the kite's feedback through the Bar. The standard setting is the middle knot. This setting allows for the perfect compromise between medium bar pressure and good kite feedback. If you attach the bridle closer to the middle of the kite, the bar pressure increases slightly and the kite feedback is increased.

If you attach the bridle closer to the tip of the kite, the bar pressure decreases and the kite feedback is slightly reduced. This feature is unique to CORE kites. Experiment with all the different trim options .

Enjoy!





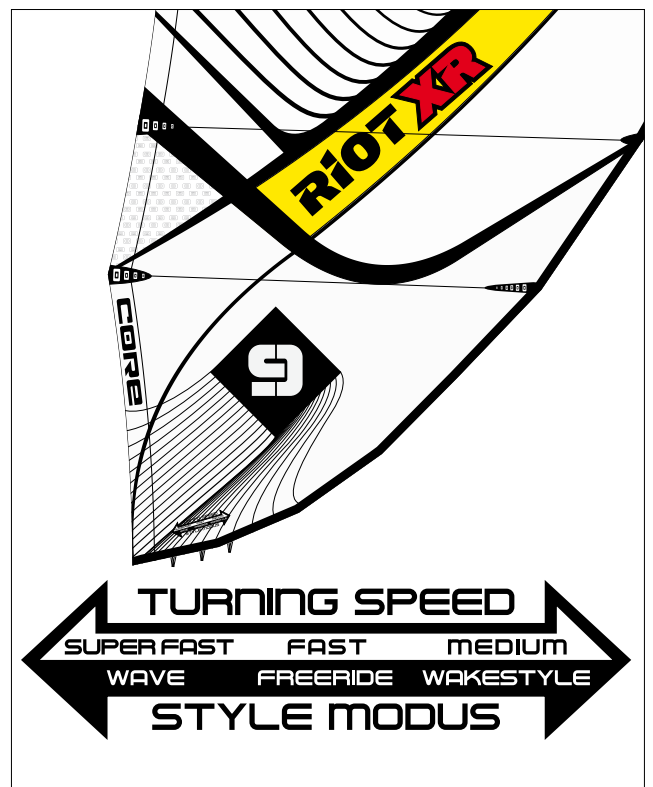
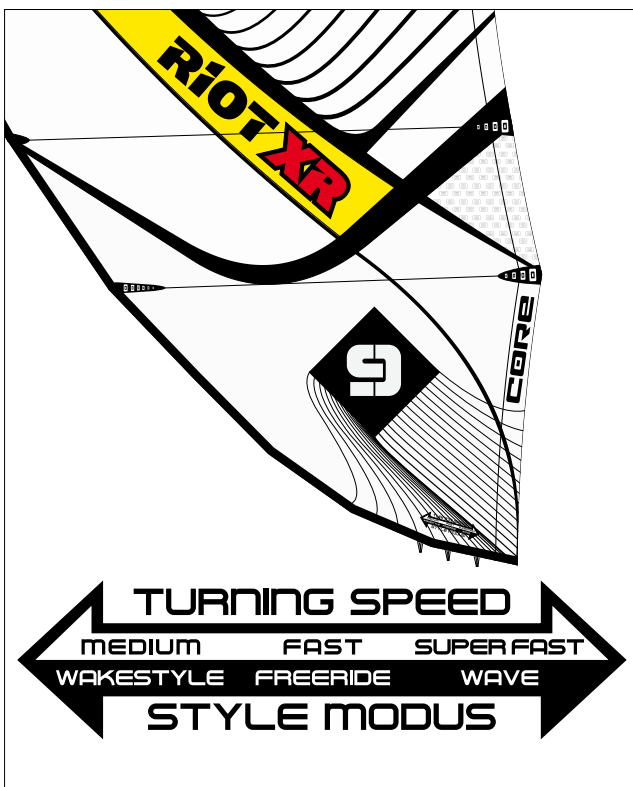
CORE INTELLIGENT TRIM SYSTEM

Each CORE kite is delivered with the optimum all round trim settings. You are however able to trim your CORE kite to suit your personal preferences and requirements.

TRIMMING THE TURNING SPEED

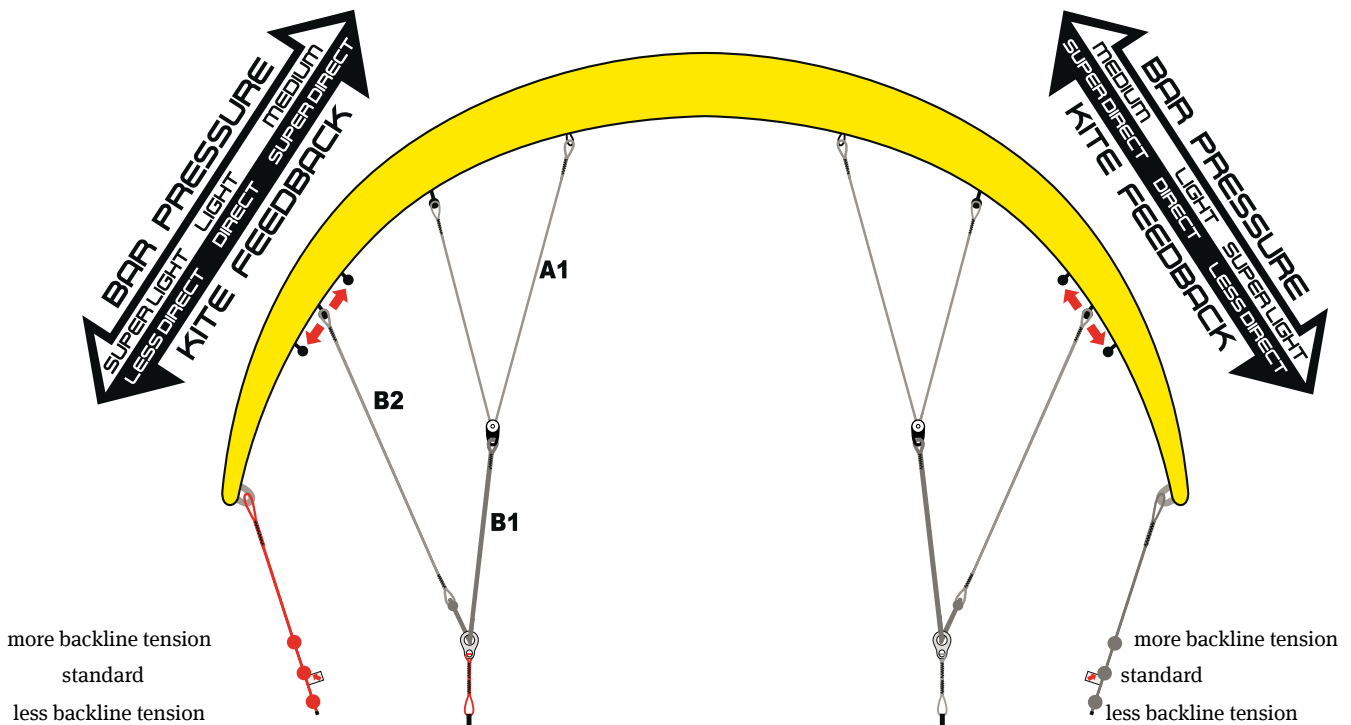
You are able to change the turning speed of the kite at the kite tip. The closer the flying lines are attached to the kite tip, the faster your kite will turn.

Freestylers and beginners select the foremost position for medium turning speed. For freeriders we would recommend the middle setting for quick turning speed. The Wave riding mode – the back position – with the quickest turning speed is reserved for experts only.



TRIMMING THE STEERING LINES

Your CORE kite has three attachment points, on the kite steering line, for the steering lines. The knot with the small label is the standard attachment point, that is suitable for all requirements. The other two knots will either shorten or lengthen the steering lines, i.e. increase or reduce the steering line tension. Steering lines that are too short may result in the kite back stalling (the kite will fly backwards when the bar is powered in). The steering lines should always be trimmed in such a way that the kite does not fly backwards, even when the bar is pulled in entirely, thus ensuring that the kite is able to deliver it's full potential.



PACKING YOUR KITE AND STORAGE

Always ensure that your kite is clean and dry when you pack it away. Kites that are packed away wet may develop mildew or discolouration. Always store your kites in a dry, cool and dark area. Direct sun exposure should be avoided. Rinse your kite regularly with freshwater to remove salt build up.

BRIDLE LINES

The bridle lines undergo normal wear and tear. Ensure that all bridles roll freely and check the condition of your bridle lines regularly. Worn and damaged bridle lines should be replaced immediately.