



RIOT XR2 - THE CROSSRIDE-KITE.

A few years ago CORE defined the cross-ride class, with the legendary Riot, which suits freeride, freestyle and wave kites equally well.

The XR2 has massive performance for unprecedented jumps with endless hangtime and is comfortable and easy to ride.

PERFORMANCE

- > Massive airs and endless hangtime, on demand, with the Intelligent-ARC
- > Optimized profile for early planing and easy up wind ability
- > Fast turning and maneuverability, thanks to the new tip geometry

COMFORT

- > Absolute linear and direct kite feedback
- > Perfect auto relaunch with the Delta design
- > The new „Speed Valve“ Speed-Pump-System gets you onto the water quickly

SAFETY

- > Pressure-less release on the virtual fifth line
- > Totally compatible with the new SENSOR-Bar



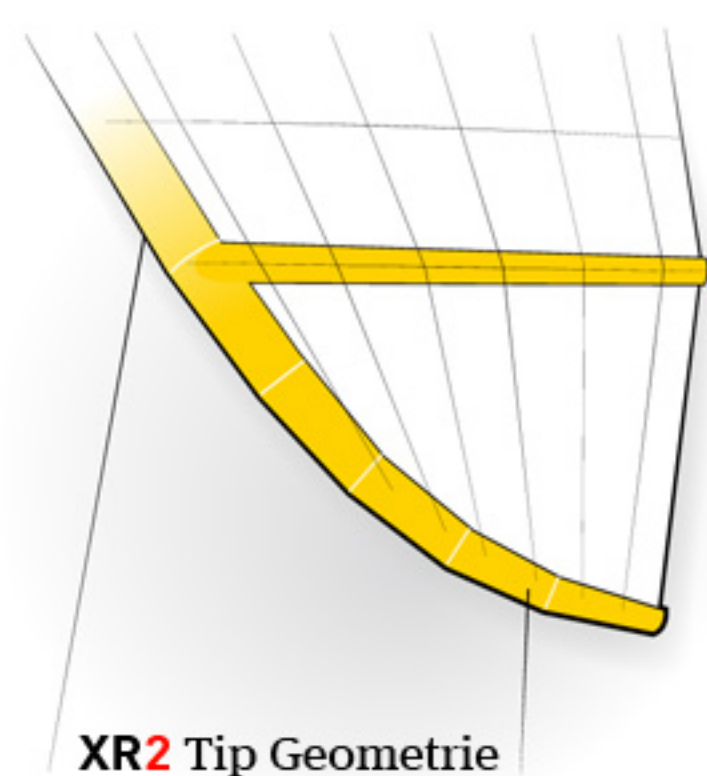
THE CORE RIOT XR2 FEATURES DETAILS:



INTELLIGENT-ARC

The new Riot XR2 profile design sets new standards in terms of lift and hangtime. The 'Intelligent-ARC', a first in the XR2, makes the successor to the legendary Riot a true jumping machine. Intelligent-ARC comes from nature: Like a bird that glides for long periods without flapping its wings, the Riot XR2 spread its wings when the bar is pulled in to the maximum. Similarly the projected area is reduced when the kite is depowered.

This biomechanical principle results in an increased power delivery that improves planing without developing side forces. Upwind ability is also improved. The all-rounder has also upped its game in the waves. The kite is even easier to steer when fully depowered.



OPTIMIZED PROFILE & TIP GEOMETRY

The development team was able to achieve faster and more precise turning with the optimized tip geometry.

The new Riot XR2 has a significantly higher turning speed due to improved leverage. This has been achieved by a further optimized outline, in which the tip has a slightly increased diameter, so that the attachment points can be further apart. The new profile curve in the tip of the kite ensures that the flow of the kite is not negatively affected by even the strongest steering movements and allows for more precise turning ability thanks to the increased stability.



HARMONIOUS POWER DELIVERY

Besides the performance increase, the CORE R & D team has improved the comfort even further. This is immediately noticeable with the bar.

The depower characteristics are heavily influenced by the Intelligent-ARC. The new Riot XR2 still has a linear response when the bar is pushed up; the power is reduced harmoniously and not abruptly. The bar pressure has been further minimized; while the, CORE typical, direct steering and feedback have been improved.

SPEED VALVE

CORE begins with the new, surprisingly simple, „Speed Valve“ Speed-Pump-System. The direct connection of the pump hose to the bayonet Speed-Valve provides more than twice the cross section for maximum air intake and easy pumping. It allows you to be the first on the water.

The integrated stick serves to deflate the kite. It keeps the new membrane open during deflation.



The new Riot XR2 therefore has only one valve, which serves as both the inlet and outlet.



SENSOR BAR

FULL PERFORMANCE WITH THE SENSOR-BAR

With the innovative SENSOR-Bar CORE has already set new standards in safety, which exceeds the highest standards.

The Riot XR2 is optimally matched to the SENSOR-BAR, with pressure-less release on a virtual fifth line. The auto-relaunch is, CORE typical, simple and perfect.

HIGHEST QUALITY WORKMANSHIP AND MATERIALS

CORE is renowned for using only the highest quality materials in their kites, such as the specially selected UV-resistant material used in their canopies.

At the cutting edge of material selection and innovative manufacturing, CORE will first dip fiber into a special coating before it is woven. The fabric is then heat treated to produce a "calendar finish". In this way each individual fiber is sealed, resulting in a fabric that will not absorb water even after heavy and prolonged use. This is in stark contrast to fabrics coated much later in the manufacturing process.



Our production facility employs a sophisticated, zero tolerance, quality control, ensuring that continuous quality is achieved.

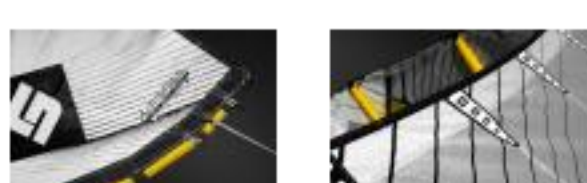
When you touch the kite lines you can feel the unmistakable quality of the material. All the lines and knots on the kite are "Made in Germany" and developed in partnership with Liros, Germany. Liros lines are well known in Aviation sports, for consistent and perfect finishes, reliable stiffness, abrasion resistance, sensitivity and safety.

The back lines of the CORE SENSOR-Bar have a breaking load of 368kg at a diameter of only 1.8mm and are very user friendly when laying them out during set-up.

The Riot XR2 also has the proven Speed-Pump-System. The tube lies more aerodynamic and closer to the canopy which limits wear and in turn servicing costs.

Middle Strut: We are of the opinion that the middle strut should be „solid as a rock“. For years we have tried prototypes without a middle strut or with an "Infill-Floating-Strut"; only to confirm that flight stability suffers without it. As a result we have stayed with the tried and trusted. Why change a winning formula?

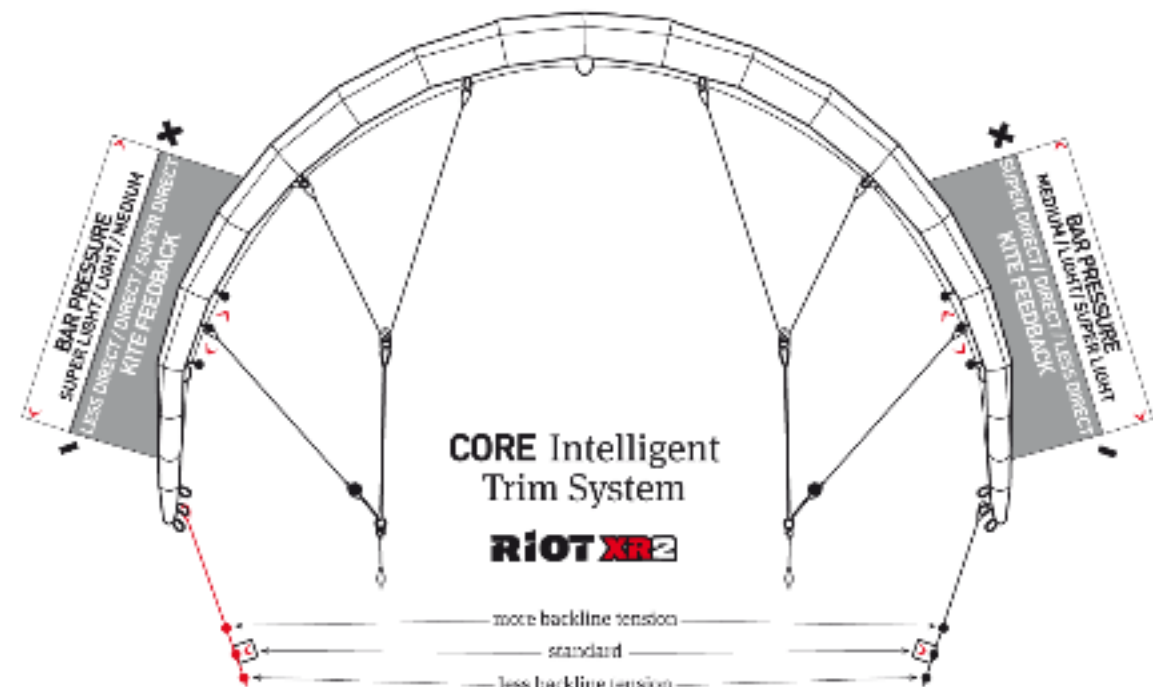
Our Canopy: There are competitors, which use marginally more stable cloth that is heavier. Like old US cars that have a lot of engine capacity, the performance still is not efficient on the road. The result, especially in marginal conditions, is a kite that falls faster from the sky and struggles to relaunch.



We, however, are not willing to simply use heavy cloth, but continue to focus on the perfect and intelligent processing of a lighter cloth, which gives the kite better performance, especially in underpowered conditions. The unprecedented low rate of complaints experienced by CORE kites is evidence that time-consuming seams, combined with meticulous production technology, cannot be substituted.

Watch this video to see how a CORE Kite is built - from plain canopy to a real kite. Production of a CORE kite

CORE INTELLIGENT TRIM SYSTEM



The rider can individually adjust both the bar pressure and the turning speed by using the "CORE Intelligent Trim System" (CIT).

The turning speed is adjustable from easy handling to super agile. The bar pressure and feedback are easily adjustable from light to strong.

On delivery, the Kite is already ideally set-up for 90% of riders.

RANGE / PRICES

	BEAUFORT	KNOTS	PRICE*
RIOT XR2 5.0	6-9	23-42	EUR 949,-
RIOT XR2 6.0	5,5-8	20-38	EUR 979,-
RIOT XR2 7.0	5-8	17-35	EUR 999,-
RIOT XR2 8.0	4,5-7,5	15-33	EUR 1.029,-
RIOT XR2 9.0	4-7	13-30	EUR 1.049,-
RIOT XR2 10.0	4-6,5	12-28	EUR 1.149,-
RIOT XR2 11.0	3,5-6,5	11-26	EUR 1.179,-
RIOT XR2 12.0	3,5-6	10-24	EUR 1.199,-
RIOT XR2 13.5	3-5,5	9-22	EUR 1.299,-
RIOT XR2 LW 15.0	3-5	8-20	EUR 1.499,-
RIOT XR2 LW 17.0	2,5-5	7-19	EUR 1.549,-
RIOT XR2 LW 19.0	2,5-5	6-18	EUR 1.649,-
SENSOR-BAR	ALL	ALL	EUR 449,-

* Kite-only, incl. Kite-Backpack & RepairKitPro

COMPATIBILITY	SENSOR-BAR	ESP-BAR
RIOT XR2	OK	OK

RIOT XR2

STYLEFINDER

- Freeride / Easy Riding / Hangtime
- Freestyle / Big Air
- New School / Wakestyle
- Wave
- Race

Skill Level

- PRO
- ADVANCED
- INTERMEDIATE
- BEGINNER

GTS2

STYLEFINDER

- Freeride / Easy Riding / Hangtime
- Freestyle / Big Air
- New School / Wakestyle
- Wave

Skill Level

- PRO
- ADVANCED
- INTERMEDIATE
- BEGINNER

This CORE product is not available in retail stores anymore. This page is only for information for owners of this kite.

Check out the follower Riot XR3!

DELIVERY INCLUDES
Riot XR2 Kite with High Performance Kitebag, Repair Kit Pro and Short Manual



> Riot XR2 Support

Kites	Control Bars	Boards	Media
XR4	Sensor 2 Bar	Fusion 2	Online competition
XR4 LW	Sensor 2+ Bar	Fusion 2 LW	Videos
GTS3	Sensor Pro Bar	Choice	Wallpaper
GTS3 LW		Ripper 2	PDF Product Guides
			CoreNation

Support	Test / Buy
CORE CARE	CORE Store Locator
Register	CORE Store
Manuals	
Newsletter	About CORE
	Contact
	Privacy Policy
	Imprint

