

FLIGHT GUIDE

STYLUS P-SERIES PARAFOILS

The new Prism Stylus series is powerful fun that packs up small to travel wherever you go. Unlike most parafoils, the Stylus is almost as responsive as a framed kite, giving you precise corners and smooth flight even in bumpy winds. The extra large air intakes make the Stylus astonishingly easy to inflate and re-launch. When you're ready to add some pull, just hook another Stylus to the back of the first and hang on (Stylus P.2 and P.3 only)! The Stylus is the world's first stackable sparless parafoil, giving you a quick and easy way to control your power in different winds.

Read this manual carefully to be sure you set up your new Stylus correctly before flying. Pay careful attention to the safety section; SPORT KITES ARE NOT TOYS AND CAN BE VERY DANGEROUS IF MISUSED! For loads of information on all aspects of sport kiting, from kite tuning to the latest tricks, check out our website at www.prismkites.com.

SAFETY

Remember, flying safely is YOUR responsibility. Stylus parafoils can pull extremely hard, even in moderate winds. NEVER fly your kite in extreme conditions or winds that are too strong for your skill or your equipment. Always learn to fly in lighter winds before you attempt to fly in stronger winds. NEVER fly your kite near power lines, in storms, near airports, roads, railways, people or animals. If you have any doubts about the safety of your flying situation, don't risk it! One slip, or a broken line, and you or a bystander could be seriously hurt.

CAUTION! Your kite can fly faster than 50 mph in strong winds. NEVER FLY NEAR:



People



Airports



Power lines



Cars



Storms



STYLUS **P.1**

STYLUS **P.2**

STYLUS **P.3**

SETUP AND LAUNCH

Parafoil kites like the Stylus must be inflated by the wind flowing past them to fly. This is easiest to do with a helper, but after a little experience you can pin down the trailing edge of the sail with sand, small stones, etc. to keep the kite from blowing away while you unwind your lines and prepare for flight.

Before you launch check that you have no twists in the lines and that the area in your flight path is clear of obstacles, people and animals.

Launching with a friend (recommended for beginners)

Get your friend to hold your kite while you unwind your lines unpwind and check they are clear and untwisted. Be sure your right hand is connected to the right-hand bridle with the kite pointed up. Have your friend hold up your Stylus to inflate it. Take up the tension on both lines and signal to your assistant to release the kite.

Solo Launch (for more experienced fliers)

Anchor your kite to the ground on its back with the trailing edge into the wind using some sand, small stones, or other small weights. Take in the tension on both lines, gradually letting the kite inflate before pulling it gently to free it from the weights.

FIRST FLIGHT

Pull smoothly back on both lines, and assuming there is enough wind the kite will fly upwards to the top of the wind window. Keep both hands together to fly the kite straight up overhead. For easiest control, keep your arms straight in front of you and your hands close together.

To turn, pull gently with one hand. The kite will turn towards that hand until you stop pulling and return your hands to the neutral, even position. Then it will fly straight in whatever direction it's pointed. The farther you pull back on one line, the tighter the kite will turn.

If you turn repeatedly in one direction, your lines will be twisted around each other. You can still control the kite because the slippery lines slide easily past each other. To untwist, make some turns in the other direction.

STACKING (Stylus P.2 and P.2 only)

To stack two kites and fly them at the same time, simply Lark's Head the tow points on the second kite to the two pigtails on the upper surface of the front kite - no stack lines necessary! Have a friend hold the kites and make sure that none of the bridles are tangled before launch.

TWO LINES OR FOUR (Stylus P.3 only)

Your Stylus P.3 kite can be flown as either a two-line or a four-line kite. Two-line control is easiest for beginners. Four lines allow more control but require more practice to learn as well as additional flying line and specialized four-line handles.

Two-line configuration

The Stylus P.3 comes from the factory ready to fly with two lines already connected to the bridles. In two-line mode you control the kite with two webbing wrist straps attached to your lines.

Four-line configuration

To fly in four-line mode you need to attach an additional set of flying lines (brake lines) to the bridles that go to the back edge of the kite. The bridles join up in two yellow leaders that go to the attachment points for your main lines. Simply loosen the pigtail where all the bridles come together and free the yellow leaders on either side from the bundle. Then Lark's Head the brake lines to the ends of the yellow leaders. Move your attachment point up or down the leader depending on your flying style and the length of your handles.

We suggest using 150# Spectra in the same length as your main lines for brake lines. You will also need a set of quad-line handles so you can attach your main lines to the top and the brake lines to the bottom end of each handle.

CAUTION!

Stacked kites can pull very hard in strong winds. An accident could lead to injury or death to you and others. Always use extra caution and good judgement when flying a stack. Be sure you are using strong enough lines for the conditions. We do not recommend stacking more than two kites unless you are an experienced power kite pilot with all necessary safety equipment.

REPAIRS

At Prism we engineer our parafoils to handle the rigors of serious flying fun. However, like most things light enough to fly they are not indestructible. If crashed hard enough or dragged over rough ground they can be damaged, and we cannot provide a guarantee against tears in the sail.

However, most damage can be easily repaired without replacing the kite. Small tears are quickly fixed using our special Tedlar repair tape, available from your retailer or direct from our website at www.prismkite.com. For larger or more complicated repairs, we suggest you send us the kite so we can get you a quote and take care of it for you. There are very few mishaps that can't be effectively fixed by our talented in-house repair team. To send in a repair, download our repair form from the website and include it with your sail so we know who you are and how we can help.

Flying Lines

Prim will not replace flying lines that have been improperly used, have become worn through normal use or have failed due to knots in the line. If kites are flown on lines of insufficient strength or in winds higher than the kite's rated range, the lines can break. Always follow recommendations to ensure that lines of an appropriate breaking strain are used when flying one or more kites. A full range of ready-to-fly linesets is available from specialty kite retailers or direct from our website at www.prismkites.com.

SPECIFICATIONS

STYLUS P.1

Wing Span: 66"
Sail Area: .9 sq. meter
Sail: Ripstop nylon
Wind Range: 5-25 mph
Recommended Lines: 85' x 150#

STYLUS P.2

Wing Span: 72"
Sail Area: 1.2 sq. meters
Sail: Ripstop nylon
Wind Range: 5-25 mph
Recommended Lines: 85' x 150#
100' x 200# (2-stack)

STYLUS P.3

Wing Span: 108"
Sail Area: 2.5 sq. meters
Sail: Ripstop nylon
Wind Range: 5-20 mph
Recommended Lines: 100' x 200#
100' x 300# (2-stack)
100' x 150# (brake lines
in 4-line mode)

CONTACT US

Feel free to contact us as you discover sport kiting. We love to hear about your adventures and we're always happy to help if you need technical support of any kind. Our hours are 9am to 5pm Pacific Time Monday through Friday.

Smooth winds and happy flying!

Prism Designs Inc.
4214 24th Ave W.
Seattle, WA 98199

206-547-1100
206-547-1200 fax

info@prismkites.com
www.prismkites.com

