

SX Kiteboat Controller

Instruction Manual

WARNING

DO NOT USE THIS PRODUCT UNLESS YOU HAVE READ AND UNDERSTAND THESE WARNINGS, CAUTIONS, AND INSTRUCTIONS WHICH ARE FOR YOUR SECURITY AND PROTECTION. THIS INFORMATION MAY BE SUBJECT TO CHANGE AT ANY TIME. FOR CURRENT UPDATES, VISIT OUR WEBSITE AT: WWW.PACIFICSKYPOWER.COM

IF YOU ARE BELOW THE AGE OF 18, YOU SHOULD HAVE YOUR PARENT OR GUARDIAN READ THESE WARNINGS, CAUTIONS AND INSTRUCTIONS AND SHOULD NOT USE THIS PRODUCT UNLESS YOU ARE UNDER THE PROPER GUIDANCE AND SUPERVISION OF SUCH A PERSON.

The use of this product exposes the user to many unavoidable and unexpected risks, injury, dangers and hazards. The suppliers of this product are not responsible for any damage to property or any personal injury caused by any use, misuse, abuse or irresponsible use of this product by the user.

Kites and their lines and control equipment can be dangerous to flyers and to anyone in the vicinity of their use. Kite flying must be taken seriously and we recommend that, at least in the early stages of use, you seek guidance from experienced kite pilot. Improper and/or unreasonable use of this system may result in death or serious injury to any part of your body and to others. Do not use your system near power lines, airports, buildings, automobiles, trees, streets, etc. and keep your kite fly lines away from people and all obstacles. Always fly in an open area and observe wind and weather conditions. Spend time to become familiar with the operation of your system and remember that you are responsible for its operation and for the security of those around you. As you learn with this system, work within your own limitations and do not exceed them. If you intend to operate on water, always use appropriate protective gears and flotation devices and do not attach yourself or tie yourself permanently to the kite lines. Never operate near overhead power lines or during thunder storms.

Warning

Do not release the winch handle during launch or retrieval and do not use this system in wind conditions greater than 20 knots. For deployment, reel-out slowly and carefully. If the kite drops, reel-in to regain line tension and then continue the launch.

Kiteboat Controller

Line length: 15 m

System width: 23”

Recommended wind speed: 10 to 20 knots

Recommended kites: 1 to 1.5 square meter foil kites

Deployment prep: Wear gloves. Before use, check the bridle lines for tangles. Adjust the waist harness for a snug fit and secure the safety lease to the boat.

Deployment: With the wind at your back, hold the kite so it fills with wind, release the kite and start reeling out with one hand on the control bar and the other hand on the winch handle. After the kite is fully deployed, grip the control bar with both hands. For launching the kite, reel-in the bridle lines and lock the winch handle with the bungee loop. Pump the center leading edge bridle line until the kite is inflated. Hold the winch with a thumb to prevent rotation. Unhook the bungee loop and continue pumping the center bridle line as you allow the winch to slowly unwind. After all of the bridle lines are clear, release the center bridle line, grip the winch handle and reel-out. Pumping the control bar can help keep the kite from stalling while the kite is first deployed and on short lines.

Steering: Pivot the control bar to the right and the kite turns right. Pivot the control bar to the left and the kite turns left. Swooping the kite will increase power and pull your boat at faster speeds.

Retrieval: Take one hand off the control bar and grip the winch handle. Now, reel in and steer the kite overhead.

Tips:

Before launching the kite, check to see that the control lines are near the same length. If one control line has an extra wrap on winch it will be much longer than the other line and cause control problems. To correct this, unwrap the shorter control line to equal out the difference.

For storage, always lock each control line end on a control line guide, wind the winch tight and use the bungee loop to secure the winch handle.

Wrapping lines manually from the reel can twist the lines. To check for twists, pull all the line off the reel and look inside the winch drum to check for twists.

After some use, one control line may stretch out. To correct this, retie the longer control line.

While out kite sailing, keep track of options for coming back to shore. Start reeling-in slowly with the kite overhead and adjust your course heading to near a broad reach to reduce line tension. Reel-in all the control lines and some of the bridle lines and then collapse the kite before coming to shore.

Hold the control bar perpendicular to the winds direction during launch and retrieval and always rinse with fresh water after use in salt water.

DO NOT leave the winch on the ground and pull the ends of the control lines to unwind the winch. This can cause a massive tangle. To unwind the lines, hook the loop ends on a fixed point and walk backwards with one hand on the winch handle and the other hand on the control bar.