



## 4K BOOSTER BALL™ USER'S MANUAL

Important information is enclosed in this manual. Please read these materials prior to assembling and using this product. Keep for future reference.

For questions on assembly, parts or warranty, contact the experts at Sportsstuff. **DO NOT RETURN** this product to the store!

Contact us TOLL FREE: 888-814-8833 (USA) (8am-5pm, CST Monday-Friday)

Congratulations on your new Sportsstuff purchase! Your 4K Booster Ball is designed to enhance the performance of all Doables and most towables by floating across the water's surface minimizing the tow rope getting caught under the water, in turns, or the boat wake while towing.

Product Name	Model #	Inflated Dimensions	Towable Compatibility
4K Booster Ball	53-2030	38in x 28in / 95cm x 70cm	1-4 Rider Towables 680lbs / 308kg

### The 4K Booster Ball™ includes:

- Special Formula PVC Bladder
- Heavy Duty Full Nylon Cover with Zipper
- 60 Foot Overall Length (including 4K Booster Ball)
- Double Stitching and Reinforced Stress Points
- Tough 2 Inch Webbing
- Patented Speed Safety Valve for fast inflation and deflation
- Self Bailing Drain Vent
- 4K Tow Rope 4100 lb. Break Strength
- High Visibility Custom Graphics

## IMPORTANT SAFETY INSTRUCTIONS READ AND FOLLOW ALL INSTRUCTIONS

### **WARNING**

**USE OF THIS PRODUCT AND PARTICIPATION IN THE SPORT INVOLVES INHERENT RISKS OF INJURY OR DEATH.**

- Not a Lifesaving Device.
- Never Leave Children Unattended.
- This product should never be used by children except under adult supervision.
- Inspect rope and connector before each use. Do not use if damaged.
- Make sure rope is not wrapped around part of anyone's body during use. Never place wrists or feet through the tow strap or tow rope.
- Rope stretches during use. Breakage can cause rope to snap back and may hit the occupants or user, which could result in injury.
- This rope is intended only for towing up to a maximum of four people or 680 pounds on an inflatable tube. Any other use may cause rope failure.
- The Booster Ball is NOT a towable! Do not ride the Booster Ball.
- Do not shorten, lengthen, or otherwise alter the included tow ropes.
- The Booster Ball is only to be used in conjunction with the included tow ropes.
- Always wear a U.S. Coast Guard approved Type III (PFD) ski vest or as recommended by proper government authorities.
- Do not use this unit when it is deflated or under-inflated.
- Read Operator's Manual, tube warning, and tow rope warning before use. Do not remove warning.

## SAVE THESE INSTRUCTIONS

### RELEASE OF LIABILITY:

By assembling and inflating this product, you agree that you have read and understand the entire Sportsstuff's product manual, including all instructions and warnings contained in that material prior to using this product. You additionally agree that you will ensure any additional or subsequent users of this product will read and understand the entire operator's manual. Misuse or improper use of this product could result in risks, dangers and hazards which may result in serious injury or death. The risks and dangers that may be encountered through the improper use of this product can be avoided by reading and following the warning guidelines listed within the operator's manual and by proper use of this product. Your assembly and use of this product shall be evidence of your agreement, to the fullest extent permitted by law, to properly follow the instructions and abide by the warnings set forth within the product manual. Your assembly and use of this product shall also constitute a release, to the extent permitted by law, by you and by any third party permitted by you to use, in any manner, this product, to Sportsstuff from any and all liability for any loss, damage, injury and/or expense that you or any user of this product may suffer as a result of the use of this product. This release shall extend to any loss, damage, injury or expense due to any cause whatsoever, including negligence or breach of contract on the part of Sportsstuff and/or any party participating in the design and/or manufacture of this product. The terms of this release shall be effective and binding upon you, your heirs, next of kin, executors, administrators, assigns and representatives. Your assembly and use of this product shall constitute your agreement to assume and accept any or all known or unknown risks of injury to you and/or to third parties through the use of this product. Sportsstuff and related parties have not made and hereby expressly deny any oral or written representation and/or warranty, including warranty for a particular purpose, other than what is set forth herein and in the Sportsstuff's owners manual.

### ASSEMBLY AND INSTALLATION:

1. Locate the valve on the main tube (Under valve cover on the nylon cover).
2. Inflate main tube until it is firm and the cover is wrinkle free and taut.
3. Close valve completely. Close the valve cover by zipping it shut.

### INFLATION:

Your 4K Booster Ball™ is equipped with the following type of inflation valve:

**Speed Safety Valve** - A hybrid valve utilizing the best of both the Oversized Safety Valve and the Speed Valve. Pulls out for fast inflation/ deflation, then can be pushed in flush with the tube. For use with standard electric pumps, shop vac, wet vac, leaf blowers, and vacuums with a 2-way switch for fast inflation/deflation. Secure the valve by firmly fastening the bottom portion of the valve into the base. To inflate, open cap or top portion of the valve. Using the hose from your inflator, inflate



through the top opening of the valve.

Proper inflation is the key to the optimum performance of this product. The tube is designed to fit snugly inside the cover, and there should be very few wrinkles in the cover when the tube is properly inflated.

The best air pumps to use are:

- 110v electric: 2.5 psi (model #57-1509) or 3.0 psi (model #57-1508)
- Hand/foot pump specifically for towables: LP1 (model #57-1004)
- 12v pumps can also be used but their maximum output is only .8 psi so a secondary pump such as the Sportsstuff LP1 hand pump (model #57-1004) will need to be used.
- Leaf Blower
- Vacuum with two-way switch

Various types of air pumps are available from Sportsstuff at 1-888-814-8833 or online at <http://www.sportsstuff.com>

**INFLATION MAINTENANCE:**

Finally, it is not enough to simply fill it up and go! It is important to monitor the amount of air in this product as heat will cause the bladder to expand, possibly causing damage to the seams or I-beams. If you leave a full tube sitting in the sun for any length of time, it will expand. Either store it in the shade, or let some air out. Don't let it sit on the beach, dock, or boat/watercraft full of air! At the same time, if it is stored out of the sun in a cool place, you may need to add air. Check and adjust inflation levels each time you use your tube. You'll have more fun, and your products will last longer.

**PRODUCT MAINTENANCE:**

Very little care is required for the bladder or cover.

- You may clean your product using soap and water or mild detergent.
- Never use strong cleaning agents.
- The product, when clean and dry, can be deflated and stored in a cool, dry area out of direct sunlight.
- To deflate, simply unfasten the entire valve from the base.
- Avoid storing this product in areas of extreme temperatures and please take precautions against animals and rodents.
- Bright colored fabric covers used on the product may bleed or fade when initially wet. Protect all boat interiors and all other surfaces from possible staining.

**REPLACING PRODUCT PARTS:**

If a leak or problem is suspected with your tube, locate the valves, deflate the item and remove the inflatable PVC bladder to inspect possible problem areas. If a replacement rope is needed carefully detach rope segment from webbing. Next contact Sportsstuff warranty department for 4K Booster Ball replacement rope or other prompt parts replacement if problem is found. For non-warranty parts replacement, follow the same procedure. When a replacement is received, follow the steps below:

1. Unfold the cover and lay the bladder out.
2. Locate the bladder and the inflation valve. Carefully place the PVC bladder inside the cover of the product in the appropriate location.
3. Line up the valve with the valve opening in the cover.
4. Refer to steps 1-3 in the above ASSEMBLY AND INSTALLATION section.
5. When attaching new rope. Thread 1 end of the rope through the webbing and then pull opposite end of the rope through the loop until knot is created.

**TOW ROPE RECOMMENDATIONS FOR SPORTSSTUFF PRODUCTS:**

The watercraft owner/operator is responsible for informing all the persons riding or using tow ropes of the WSIA Recommendations for tow ropes. Improper use of your tube and rope could result in serious injury or death.

- Following are the WSIA (Water Sport Industry Association) Recommendations for tow ropes:

Number of Riders	Combined Weight of Riders	Rope Tensile Strength
One	170 lbs 77 kg	1500 lbs 680 kg
Two	340 lbs 154 kg	2375 lbs 1.08 Mg
Three	510 lbs 231 kg	3350 lbs 1.52 Mg
Four	680 lbs 308 kg	4100 lbs 1.86 Mg

**WARNING! DO NOT USE THE 4K BOOSTER BALL WITH TOWABLES DESIGNED FOR MORE THAN 4 RIDERS!** It is designed for use only with 1-4 person Towables.

**WARNING! GENERAL USE AND SAFETY:**

- The 4K Booster Ball is only to be used in conjunction with the included tow ropes or replacement 4K Booster Ball ropes.
- A standard tube tow rope should be at least 50 feet in length, but not exceed 65 feet.
- The tow rope should be assembled in a manner appropriate for the watercraft and tow tube. Use proper tow rope for the activity.

- Please check all rope connections for frays, cuts, sharp edges, knots and wear and tear before each use. Discard any ropes with such conditions or if the rope appears to be worn. Ropes will deteriorate with direct sunlight exposure. Please store away from direct sunlight and discard any rope that is frayed, discolored or raveling. It is recommended that you replace each tow rope at the beginning of the boating season.
- Tow ropes are subject to stretching during use. Please warn riders and persons in the boat of the danger of ropes recoiling.
- Ensure that the tow rope is free from all body parts prior to towing a rider. Never wrap rope around any part of your body prior to or during use or when retrieving rope.
- Do not use a tow rope with a bungee material to pull tow tubes. This type of apparatus could also result in serious injury or death to the tube rider or passengers in the boat due to stretching and breaking.
- Do not add hardware to this product.
- Avoid the propeller and engine at all times. Should the rope become tangled in the propeller, shut off the engine and remove key from ignition before retrieving rope from propeller.
- The stress on the rope is different from the stress on the tube, and will vary with the weight of the passengers, design and surface area of the tube.
- When using a Sportsstuff product, you are engaging in an exciting recreational activity with inherent risks. Act responsibly and only use your product with the awareness of and willingness to accept the risks involved.
- As in any recreational activity, reckless use, misuse, inexperience and/or neglect of the proper equipment used may result in serious injury or death.
- Visually inspect the tow rope before each use. Do not use if tow rope is damaged in any way.
- Sportsstuff products are NOT for rental use.
- Do not consume alcohol or other drugs while using this product. Even small quantities of alcohol and other drugs can impair judgment, balance, and coordination which can greatly affect one's performance.
- Make sure all riders are wearing a U.S. Coast Guard Type III (PFD) approved life vest at all times.
- Be conscious of the weather conditions as weather changes can occur very quickly.
- Check with your state or local government to learn their specific legal requirements concerning towables and towing.

**WARNING! BOAT DRIVERS NOTICE:**

- The boat driver has the ultimate responsibility for the safety of the riders. The driver must watch for and be able to avoid obstacles.
- Carefully survey the water before you begin towing riders.
- It is the boat driver's responsibility to instruct the riders how to ride a towable. The boat driver should carefully instruct the riders of potential risks and possible injuries that may occur if they partake in careless behavior.
- At the beginning of the ride, carefully take the slack out of the tow rope. Never jerk start a towable. After the rider has signaled that he/she is ready, the driver can slowly bring the towable to a planing point. Do not start towing until the rider signals that he/she is ready.
- Most towables will plane out at 10 to 20 mph, depending on the weight of the rider(s). It is important to keep the nose of the item up until the item is planing.
- The resistance of the product varies widely with these factors: boat speed, turns, water conditions, number of riders and their weight, towable size, shape and function. The boat driver should adjust the boat speed to fit these situations to minimize resistance of the towable.
- The boat driver determines the speed and the action of the towable in turns and when crossing the boat wake. In the straight-a-ways, the boat towing speed is the same as the towable speed. The towable speed will increase when the boat makes a 90 to 180 degrees turn without increasing the boat speed. If the boat speed is 20 mph,

the towable speed can be 30-40 mph. The “slingshot effect” sends the user outward from the center of the towable. Be aware of the limitations of the rider.

- Excessive speed or sharp turns might cause the tube to flip over abruptly, possibly causing serious injury to the rider.
- If the towable overturns, the boat driver should not exceed 5 mph until the towable is upright again.
- Under normal conditions, the maximum safe speed for adults is 20 mph. Safe speeds for children are less than 15 mph, depending on the age and physical capability of the child.
- Make sure your boat is tow-worthy and has the appropriate horsepower to pull rider(s) and the tow tube. Do not exceed the passenger capacity on the boat or tube.
- Tow/Ski towers are not designed for use with any inflatable tube towing.
- Use only lifting eyes/transoms on the boat for towing tubes with 2 or more riders.
- Do not tow any inflatable from a ski pylon or ski eye.
- Any tow pylons or ski pylons installed after market are not intended for inflatable tube towing.

**WARNING! SPOTTERS NOTICE:**

- Always use a spotter (observer) in the boat to communicate the needs of the rider to the driver.
- Rider, observer, and boat driver must agree on hand signals.
- Observer/spotter and rider should maintain eye contact throughout the ride.
- The spotter must be the eyes of the driver and the rider, always alert to recognize possible danger so proper action can be taken to avoid any risk to the rider.
- If the towable overturns, the boat driver should not exceed 5 mph until the towable is upright again.
- The spotter should hold up a safety flag cautioning all other boaters that riders are in the water.

**WARNING! RIDERS NOTICE:**

- Only use this product with a responsible boat operator who knows how to effectively operate the equipment.
- This product should be used in water only. Do not launch from dock or land.
- Do not use near pilings, docks, shores or shallow water or other obstructions that could cause serious injury to the rider.
- Carefully instruct the other riders the proper way to attach rope and operate the towable.
- DO NOT strap or attach arms or legs to cover or tube. Never place hands or feet in between the tube and cover.
- Take necessary breaks when you are tired.
- Never get near the propeller with the engine running, even if it is in neutral.

The warnings and practices set forth above represent some common risks encountered by users. The above does not purport to cover all instances of risk or danger. Please use common sense and good judgment.

Watersports are fun and challenging but involve inherent risks of injury or death. To increase your enjoyment of the sport and to reduce your risks, use common sense and follow the rules on the following page.....

#### **WATERSPORTS SAFETY CODE:**

##### **Before you start:**

- Familiarize yourself with all applicable federal, state and local laws, the risks inherent in the sport and the proper use of the equipment.
- Know the waterways.
- Always have a person other than the driver as an observer.
- Skier/rider, observer and driver must agree on hand signals.
- Never start out until skier/rider signals he/she is ready.
- Carbon Monoxide (CO) poisoning from engine exhaust may cause injury or death. Do not sit on the boat transom or swim platform while the engine is running. These activities may lead to excessive CO exposure which may cause injury or death. If you can smell engine exhaust while in the boat, do not stay seated in that position for prolonged periods. Never "Platform Drag" by holding onto the swim platform or be dragged directly behind the boat. An improperly tuned engine will produce excessive exhaust. Have your engine checked and corrected by a mechanic. Changing boat speed or direction relative to the wind can reduce or increase boat exhaust from accumulating near the boat and rider. Consult your boat Owners Manual, or the United States Coast Guard's website: [www.uscgboating.org](http://www.uscgboating.org) for more information on how to help protect others and yourself from the dangers of CO poisoning
- Use caution and common sense.
- Do not exceed the weight guidelines of your boat. Only use water ballast and people for additional weight. Do not allow passengers to hang outside the boat or sit on the gunwales outside the normal seating area of the boat. Uneven weight distribution or additional weight may affect the handling of the boat. Never allow water to overflow the gunwales of your boat.

**THE WARNINGS AND PRACTICES SET FORTH ABOVE IN THE WATERSPORTS SAFETY CODE REPRESENT SOME COMMON RISKS ENCOUNTERED BY USERS. THE CODE DOES NOT PURPORT TO COVER ALL INSTANCES OF RISK OR DANGER. PLEASE USE COMMON SENSE AND GOOD JUDGMENT.**

##### **WARRANTY POLICY:**

Sportsstuff warrants, to the original purchaser only, that their high performance products, when used for normal recreational purposes, are free from defects in material and workmanship for a period of ninety (90) days from the date of purchase. This warranty does NOT cover: products for rental, for hire and other uses not considered for normal recreational purposes; nor punctures, cuts, abrasions in normal use. For prompt parts replacement or warranty issues, contact Sportsstuff directly at 888-814-8833. Replacement parts are shipped within 48 hours of notification Monday through Friday. Do not return to your dealer (USA ONLY). This warranty is only valid in the USA.

If you have any questions about any Sportsstuff, Inc. product, replacement parts or locating a dealer in your area, contact us at:

Sportsstuff Inc.  
11213 E Circle Suite A  
Omaha, NE 68137  
Toll Free: 888-814-8833  
Tel: 402-592-9085  
Fax: 402-592-1354  
E-mail: [customer@sportsstuff.com](mailto:customer@sportsstuff.com)

Warranty registration is available on-line at: <http://www.sportsstuff.com>

Prior authorization is required for returned merchandise. No credit will be given for a product that is sent back without prior authorization from Sportsstuff, Inc. After receiving an authorization number, please ship returned products to the following address:

Sportsstuff, Inc. Return Center  
11213 E Circle, Suite A  
Omaha, NE 68137  
(Please label package with RA #)

