



Ultimate Fun - Maximum Safety



INFLATABLE

LEISURE & FISHING KAYAKS

User's Guide

K0 – BT-88858/88859

K1 – BT-88862/88860

K2 – BT-88868/88869

X.P.L.R – BT-88866/88866T

WWW.SILVERMARINE.COM



Thank You For Choosing Aqua Marina Kayaks



AM's family recreational kayaks emphasize tracking and speed while maintaining comfort and stability. They are designed to move easily on lakes and rivers for several hours of boating pleasure. This manual has been compiled to help you achieve long term safe use and pleasure from your Aqua Marina® product.

GENERAL INFORMATION

SAFETY

Paddle sports can be very dangerous and physically demanding. The users of this product should understand participating in paddle sports may involve serious injury or death. Observe all applicable watercraft laws, and use common sense.

PLEASE KEEP THIS MANUAL IN A SECURE PLACE, AND HAND IT OVER TO THE NEW OWNER WHEN YOU SELL THE CRAFT. RECORD THE "HULL IDENTIFICATION NUMBER" (HIN) WHICH IS PRINTED ON THE BOAT'S HULL IN THE FOLLOWING BOX:

CN-ORP

MANUFACTURER'S CERTIFICATION

AM kayak products comply with the ISO 6185 standard established by International Organization for Standardization.

MANUFACTURER'S RECOMMENDATION

The total number of persons and total weight shall not exceed the limits printed on the kayak. Please refer to the kayak's hull label (Fig. 1) for the actual values of your product.

KAYAK LABEL FORMAT

① EN ISO 6185 PART 1 TYPE III BT-88859	STANDARD	EN 602 6185-1:2007	③ ④ ⑤ ⑥
	BOAT TYPE	TYPE III (B)	
Do not over inflate or use high pressure air compressor to inflate. Inflate the chambers in numbered sequence. Use the enclosed consumer to check while inflating. Exceeding even distribution of pressure or loads in the KAYAK. WARNING: This is not a life saving device. Use only under competent supervision. Always use an approved life preserver. Do not use in high wind rapid currents, open water or dangerous boat. Be familiar with area where you attempt to use KAYAK. Never allow diving into this product. Never leave it or near the water when not in use. Follow these rules to avoid drowning, paralysis or other serious injury. Not for use by children without adult supervision. Do not overheat. Snow and follow local water safety rules and regulations.	DESIGN CATEGORY	F	
	BOAT MODEL	BT 68859	
⑦ MADE IN CHINA DATE	② ③ ④ ⑤ ⑥	BOAT WEIGHT = 2 = 1	
	② ③ ④ ⑤ ⑥	② ③ ④ ⑤ ⑥	② ③ ④ ⑤ ⑥
② ③ ④ ⑤ ⑥		② ③ ④ ⑤ ⑥	② ③ ④ ⑤ ⑥

1. 94/25/EC as amended by Directive 2003/44/EC boat design category
2. Country of origin
3. Maximum passengers
4. Manufacturer's recommended maximum load capacity
5. Manufacturer's recommended working pressure
6. Hull identification number (HIN)
7. Manufacturer's name and address
8. Maximum motor power



SAFETY CHECK LIST & SAFETY WARNING

- It is the owner's responsibility to carefully read the manual and instruct all users in safe operation of this product.
- Retain owner's manual for future reference.
- Get paddle sport instruction specific to this type of craft.
- Follow the instructions in the Owner's Manual, including the data given on the capacity plate. Uneven distribution of people or loads in the boat could result in danger.
- Use caution when stepping or climbing aboard the kayak. Step into the center of the kayak for maximum stability.
- Always wear an approved Personal Flotation Device (Life Preserver).
- Wear a helmet when appropriate.
- Do not use in high wind, strong currents, open water or dangerous tides.
- Do not paddle in flood conditions.
- Do not use this product under the influence of alcohol or drugs.
- Do not overload or over inflate
- Do not exceed your paddling ability; be honest with yourself.
- Never tow from another boat or vehicle.
- Know and follow local water safety rules and boating regulations.
- Not a life saving device.
- Not for use by children without adult supervision.

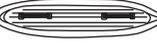
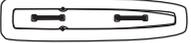
SPECIFICATONS AND PRODUCT FEATURES

SPECIFICATIONS

Model	Size	Max. Passenger	Air Chambers	Net Weight	Max. Payload	Air Pressure
K0 BT-88858	312 x 83cm (10'5" x 33")	1	2+1	9kg (19.8lbs)	95kg (210lbs)	0.1bar-1.45psi
K0 BT-88859	412 x 83cm (13'9" x 33")	2	2+1	14kg (30.8lbs)	155kg (342lbs)	
K1 BT-88862	312 x 83cm (10'5" x 33")	1	2+1	10.5kg (23lbs)	95kg (210lbs)	
K1 BT-88860	412 x 83cm (13'9" x 33")	2	2+1	14.5kg (31.9lbs)	155kg (342lbs)	
K2 BT-88868	312 x 83cm (10'5" x 33")	1	4+1+keel	10kg (22lbs)	95kg (210lbs)	
K2 BT-88869	412 x 83cm (13'9" x 33")	2	4+1+keel	15kg (33lbs)	155kg (342lbs)	
X.P.L.R BT-88866 BT-88866T	365 x 90cm (12' x 3')	2	2+1+keel	18.5kg (40.7lbs)	210kg (463lbs)	0.12bar-1.74psi

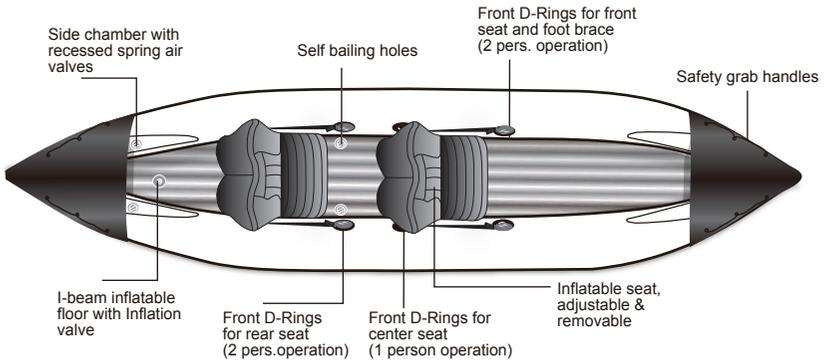
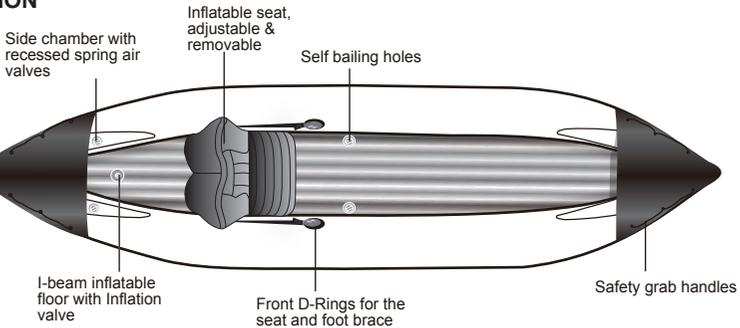
STANDARD EQUIPMENT

Model	Carry Bag	Paddle	Bungee	Seat	Foot Brace	Air Pump	Pressure Gauge	Repair Kit	Electric Motor
BT-88858	Storage bag x 1	AC-80320 x 1	/	Inflatable seat x 1	1	11" foot pump		1 (no glue)	
BT-88859	Storage bag x 1	AC-80320 x 2	/	Inflatable seat x 2	1				
BT-88862	1	AC-80321 x 1	1	1	1	16" hand pump	1	1 (Glue is not included)	
BT-88860	1	AC-80321 x 2	1	2	2				
BT-88868	1	/	1	1	1				
BT-88869	1	/	1	2	2				
BT-88866	1	AC-80321 x 1	/	2	2				
BT-88866T	1	AC-80321 x 2	/	2	2				T-18 x 1

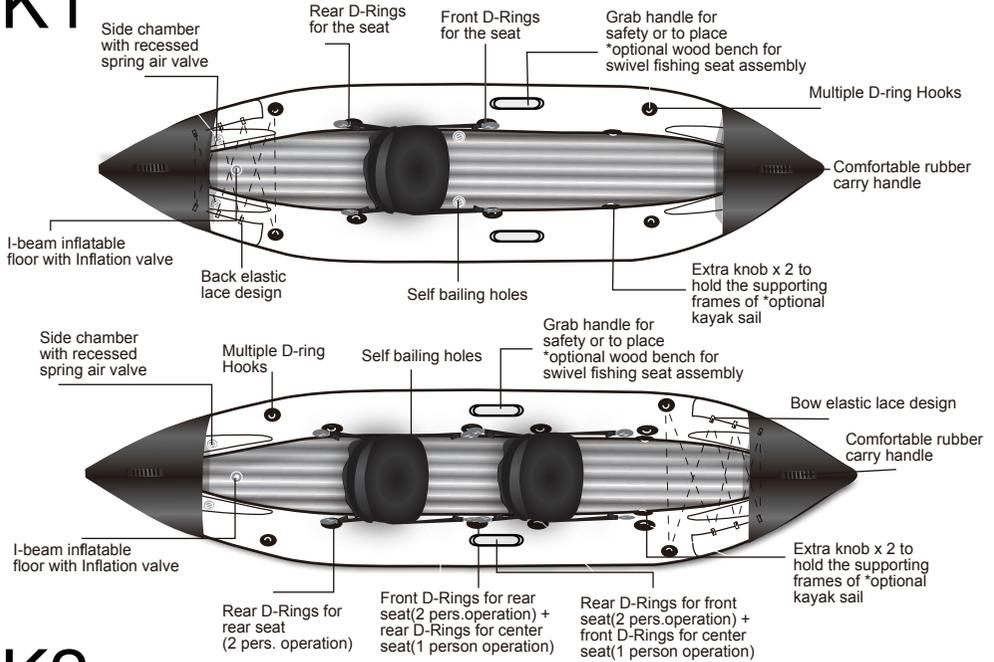
Tracking Skeg	K0	K1	K2	X.P.L.R
One Person	 1 x 40cm	 2 x 40cm	 2 x 40cm	/
Two Persons	 2 x 40cm	 2 x 55cm	 2 x 55cm	 2 x 55cm

DESCRIPTION

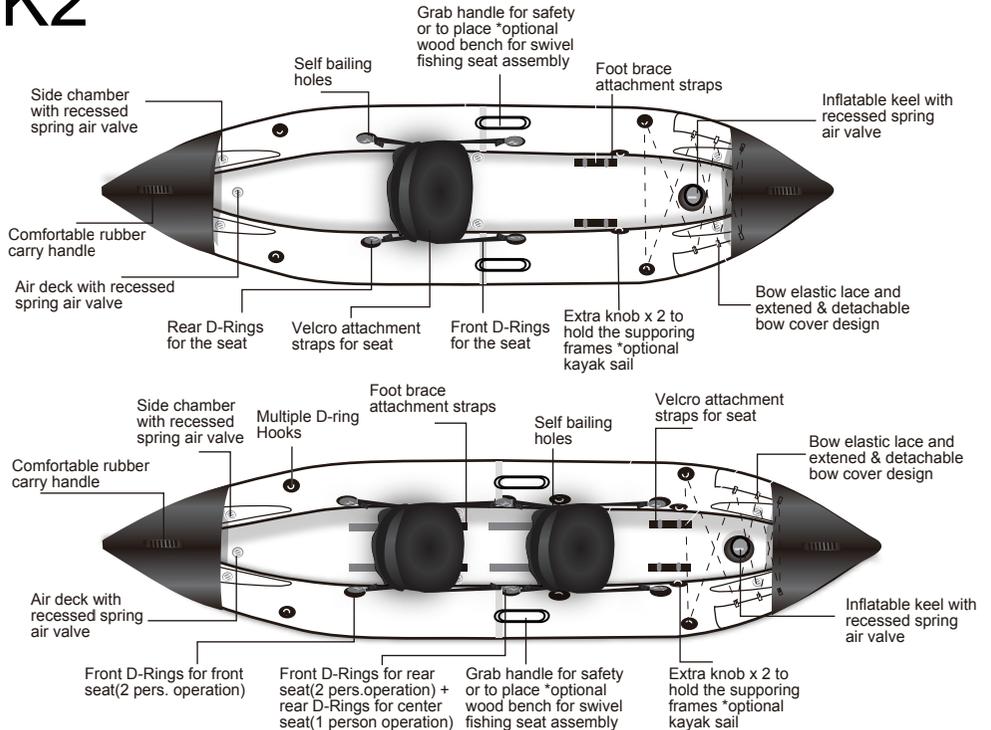
K0



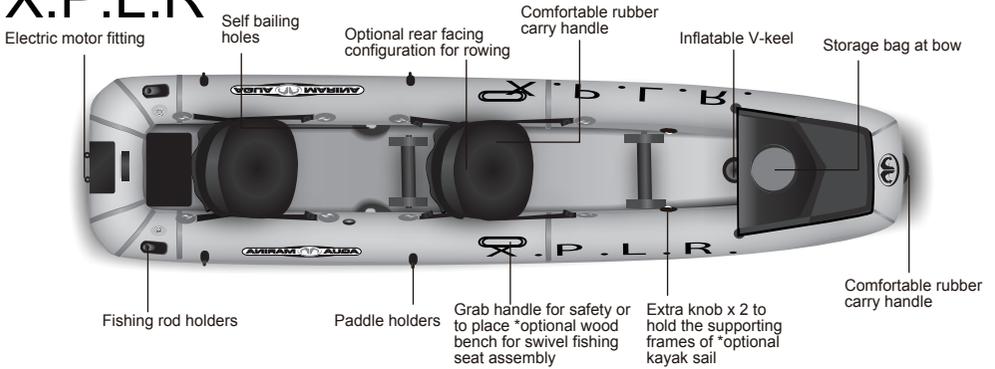
K1



K2



X.P.L.R

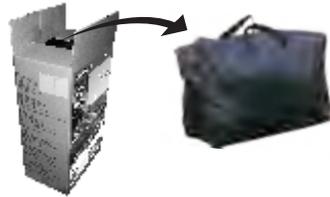


NOTE: Drawings for illustration purpose only. Actual product may vary. Not to scale.

SET UP INSTRUCTION

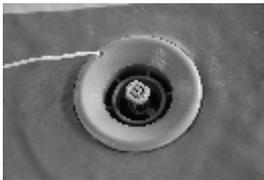
UNFOLD THE KAYAK

Choose a smooth and clean surface to spread the kayak out so that the inflatable chambers can fill easily.



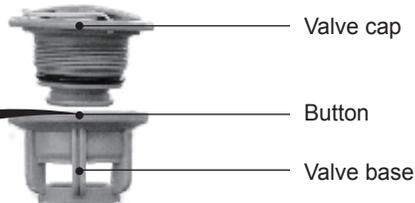
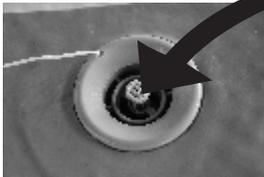
VALVE OPERATION

Follow the instructions below for valve operation and correct inflation and deflation procedures.



To close off the valve for inflation, make sure that the center valve pin is in the "UP" position. If it is in the "down" position, press down on the valve pin and turn it counterclockwise until it pops up.

VALVE DIAGRAM



To open the valve for deflation, press down on the valve pin and turn it clockwise so it locks down.

Be careful of any sand or debris around the valve area when deflating as small particles could become airborne with the release of the air pressure.

Always lock the valve cover over the valve stem when in use. This will prevent accidental air release and entrance of any particles into the air chambers.

INFLATION VALVE OPERATION (K0 and K1 only)

1. Open external cap and pull firmly to extend out. (Fig.1)
2. Attach suitable adapter nozzle to inflation end of pump. Insert pump and start pumping. (Fig.2)
3. When fully inflated, gently twist adapter sleeve to right while backing pump out of valve. (Fig.3)
4. Fully remove adapter and close external stopper. Valve should appear depressed into itself. (Fig.4)



Fig.1

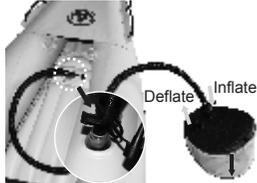


Fig.2



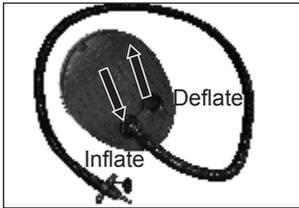
Fig.3



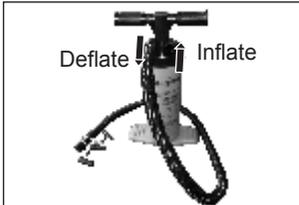
Fig.4

AIR PUMP OPERATION

1. To inflate by the Aqua Marina foot pump.



2. To inflate by the Aqua Marina hand pump.



INFLATION STEPS

1. Ensure the air valve's internal seats are properly in position by rotating the control stem until it pops out. This ensures no air escapes during inflation.
2. For K0 and K1 kayaks, inflate the floor until it is stiff to the touch but NOT hard.
3. Inflate the hull. After inflation, insert the provided pressure gauge into the air valve to check the air pressure. Ideal pressure is 1.45psi-0.1bar for K0, K1 or K2 kayak, and 1.74psi-0.12bar for the BT-88866 X.P.L.R fishing kayak.
4. For K2 and X.P.L.R. kayaks, inflate the air deck and keel until they are stiff to the touch. After inflation, insert the provided pressure gauge into the air valve to check the air pressure. Ideal pressure is within 4.35psi-0.3bar.



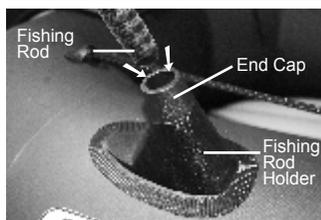
NOTES:

Check the pressure every time before usage, Air temperature and weather condition do affect the internal air pressure of inflatable products. In cold weather the product will lose some pressure due to the fact that the air will contract. If this occurs, you may want to add a little air to the product. However, in hot weather, the air will expand. You must let some air out to prevent the product from failing due to overpressure.

- Only use Aqua Marina® approved inflation pumps.
- Never use motor-driven high-pressure air pumps as this may result in over-inflation. Fill with cold air only.
- Under and over-inflation will result in safety hazards.
- Always check the inflation pressure before using the kayak.
- Never stand on or rest objects on the kayak during inflation.
- Never open the cap of air valve while the kayak is in use.
- Be sure the valve is tightly closed before using the kayak.

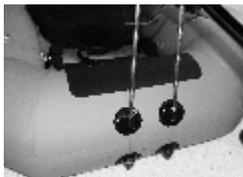
FISHING ROD HOLDER USE

- Slide the end cap over the end of the fishing rod.
- Insert the fishing pole into the holder.



Electric motor T-18 installation (for BT-88866/88866T only)

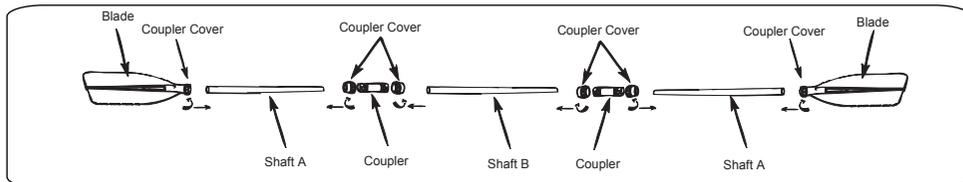
- Release the small adjustable tension collar from the electric motor
- Put stainless steel pipe into the upper and the lower buckle of the boat stern.
- Adjust to make sure the motor fits boat in place and firmly
- Fix the tension collar and tighten it.



PADDLE ASSEMBLY

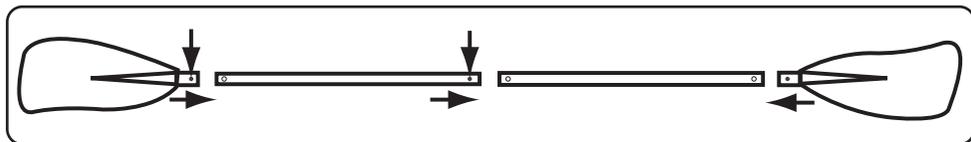
1. K0 KAYAK PADDLE AC-80320 ASSEMBLY

Join shaft A and shaft B together by inserting them together into the coupler and tighten the coupler covers securely.



2. K1 AND X.P.L.R KAYAK PADDLE AC-80321 ASSEMBLY

- 2.1 Press and align the push-bottom on the paddle blade with the short shaft hole, ensure the push-bottom is securely snapped onto the short shaft hole.
- 2.2 Join the 2 shafts together by pressing and aligning the push-bottom securely snapped onto the hole.
- 2.3 To disassemble, reverse the assembly steps. Note: is not necessary to detach the paddle blades from the shafts.

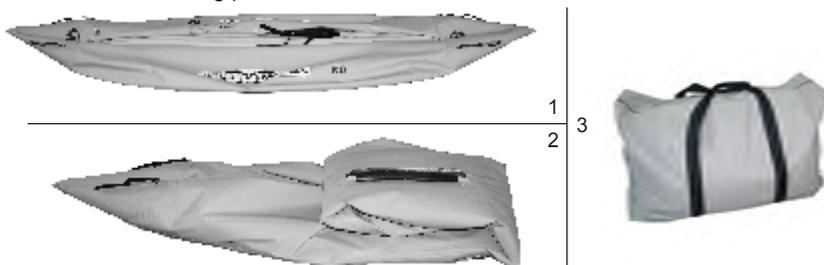


PRODUCT CARE AND STORAGE

The kayak is made of the highest quality materials and complies with ISO 6185 standards. Altering the construction of the boat will endanger your own safety, safety of the occupants and void the limited warranty!

There is very little that you have to do to keep your kayak in good condition for many years.

- Clean your kayak after a trip to prevent damage from sand, salt water or sun exposure. Most dirt can be removed with a garden hose, a sponge and mild soap. Make sure the kayak is completely dry before storing. Use as few cleaning agents as possible, do not discharge waste agents into water, and clean your boat preferably on land.
- Be sure your product is completely dry before storing.
- The products may be stored inflated, but do not place any heavy or sharp objects on it. Hanging the boat is not recommended.
- Open all air valves and deflate kayak completely. Remove all the accessories from the kayak; seats and oars.
- Fold the bow end twice to the middle of the kayak tightly while forcing out any remaining air; repeat this procedure for the stern. The kayak storage bag or carry bag is designed to allow you to get your kayak into the bag as easily as possible with minimal folds. Follow the diagram below for the best folding procedures:



- Storage is best in a dry room. Ensure protection against rodents and other vermin, as they feed on the fabric of the canoe.
- Store the product and accessories in a dry, temperature controlled, between 32 degrees Fahrenheit (0 degrees Celsius) and 104 degrees Fahrenheit (40 degrees Celsius) storage location.

LEAK DETECTION AND REPAIR

ABOUT PVC

If your kayak appears a bit soft, it might not be because of a leak. If the boat was inflated late in the day with 32°C (90°F) air, that air might cool down to 25°C (77°F) overnight. The cooler air exerts less pressure on the hull, so it could appear soft the next morning. If there has been no temperature variation, you need to start looking for a leak:

- Take a good look at your boat from just a few feet away. Flip it over and closely check over the outside. Any large leaks should be clearly visible.
- If you have an idea where your leak is, use a mix of dishwashing liquid and water in a spray bottle, and spray over the suspicious areas. Any leak will produce bubbles that will pinpoint the location of the leak.
- Check valves for leak, if necessary, spray soapy water around the valve and the valve base.

AIR LEAK DETECTION

If your kayak appears a bit soft, it might not be because of a leak, since any change in temperature can cause modifications 0.003bar (0.045 psi) per Celsius degree (34°F). If the kayak was inflated late in the day, that air might cool overnight. The cooler air exerts less pressure on the hull, so it could appear soft the next morning.

If there has been no temperature variation, you need to first determine exactly where the air is leaking. Please follow these instructions:

1. Check that there is no sand or debris within the air valve.
2. Make sure that the valve gasket is in place.
3. Inflate all chambers of the tube.
4. Close the cap on all the valves.
5. Rinse the kayak with soapy water, including perimeter of the inflation valves.
6. Wherever bubbles appear, that is the location of the leak to be repaired.

SMALL REPAIRS

Inadvertent punctures can be repaired using included vinyl repair patch.

1. Thoroughly clean and dry the damaged area. Completely deflate the product.
 2. Cut a portion of the patch to cover the puncture and allow an additional 1/4" on all sides.
Always cut a round patch, never leave square corners.
 3. Be sure the repair area is completely dry.
 4. Apply generous coat glue to the vinyl repair patch and to the product.
 5. Allow the glue to dry for 2 to 3 minutes, or until the glue becomes tacky.
 6. Apply the patch to the product, using your thumb or finger; apply even pressure across the entire surface of the patch. Make sure the edges of the patch are pressed down along the entire diameter.
 7. Allow the product to dry for at least 12 hours before inflating and using.
- If there are large tears/cracks, please bring the water craft or any essential equipment part into a professional repair shop for appropriate repair or replacement.
- Only K0 kayak's repair patch does not include vinyl glue, but it can be purchased from any home or hardware store (PVC cement)

WARRANTY

- K0 kayaks have a limited SIX (6) months warranty.
- K1, K2 and X.P.L.R kayaks have a limited ONE (1) year warranty.

AM warrants this product to be free from major defects in material or workmanship to the original purchaser for above specified period from the date of purchase. This warranty is subject to the following limitations:

1. The warranty is valid only when the warranty card is completed and returned with in 30 days of date of purchase
2. The warranty is valid only when this product is used for normal recreational activities and does not cover products used in rental or school operations
3. AM will make the final warranty determination, which may require inspection and/or photos of the equipment, which clearly show the defect(s). If necessary, this information must be sent to the AM distributor in your country with prepaid postage. Product can be returned only if a return authorization number is given in advance by the AM distributor. The return authorization number must be clearly labeled on the outside of the package, or it will be refused
4. If a product is deemed to be defective by AM, the warranty covers the repair or replacement of the defective product only. AM will not be responsible for any costs, losses, or damages incurred as a result of loss or use of this product
5. This warranty does not cover damage caused by misuse, abuse, neglect, normal wear and tear including, but not limited to, punctures, damage due to excessive heat exposure, damage caused by improper handling and storage, damage caused by use in waves or shore break, board breakage caused by filling or crashing in surf conditions, or damage caused by anything other than defects in material and workmanship
6. This product must not be modified and/or fitted with a motor
7. This product must not be used in excess of the manufacturers recommended maximum load capacity
8. This warranty is void if any unauthorized repair, change or modification has been made to any part of the equipment
9. The warranty for any repaired or replacement equipment is good from the date of the original purchase only
10. The original purchase receipt must accompany all warranty claims. The name of the retailer and date of purchase must be clear and legible
11. There are no warranties that extend beyond the warranty specified here in



This product is designed in accordance with standards for a specific use. Any modifications or transformations higher than that indicated by the manufacturer could result in serious risks for the user and will void the warranty.

WARRANTY REGISTRATION CARD

DATE OF PURCHASE. DAY / MONTH / YEAR _____

INVOICE NUMBER _____

INFORMATION

NAME _____

ADDRESS _____

PHONE NUMBER _____

FAX NUMBER _____

E-MAIL _____

DEALER'S SEAL _____

PRODUCT MODEL _____

SERIAL IDENTIFICATION NUMBER _____

MANUFACTURER: ORIENTAL RECREATIONAL PRODUCTS (SHANGHAI) CO., LTD.

ADDRESS: No.1699 DaYe Rd, Wuqiao, FengXian District, Shanghai, China 201402 _____

PHONE: +86-21-57402084 _____

FAX: +86-21-57401306 _____

E-MAIL: info@orpc.com.cn _____