

INSTRUCTION MANUAL

THIS MODEL IS NOT A TOY!

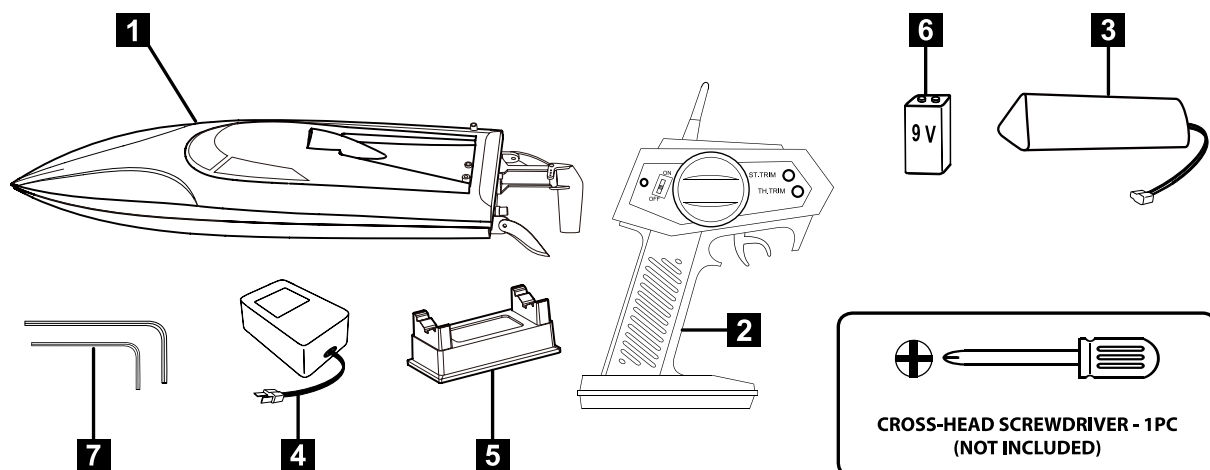
THESE INSTRUCTIONS SHOULD BE READ BY A SUPERVISING ADULT **OFFSHORE LITE WARRIOR 2.4GHz RTR**

ITEM NO. 8206

CONTENTS OF SET

- 1) Offshore Lite Warrior Racing Boat
- 2) Transmitter
- 3) 7.2V Power Pack
- 4) AC Fast Charger (for Power Pack)

- 5) Boat Stand
- 6) 9V Dry battery (for Transmitter)
- 7) 2.5mm Allen Key (for Turn Fins)
- 2.0mm Allen Key (for Grub Screws)



ATTENTION:

Before racing your model boat, carefully check silicone tube for guarantee good water cooling system; Avoid water inlet on the bottom of hull become deformed, otherwise, water cooling system failure, this may lead to ESC burned out and motor defected.

IMPORTANT

The Offshore Lite Warrior is designed for use in fresh water only. It is not designed for use in salt water!

The Offshore Lite Warrior is not intended for persons under 14 years of age, unless closely supervised by an adult.

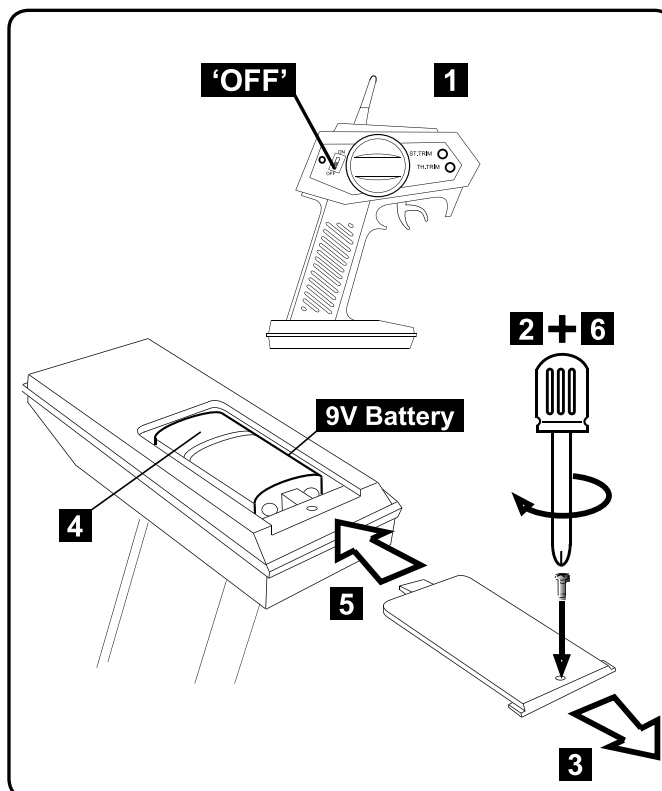
INSTALLING THE 9V DRY BATTERY IN YOUR TRANSMITTER

Always use a fresh 9V battery in the transmitter.

- 1) Ensure transmitter 'ON/OFF' switch is in the 'OFF' position.
- 2) Remove battery cover screw.
- 3) Remove battery cover by pressing down on the embossed arrow and sliding the cover as indicated.
- 4) Insert 9V battery, noting correct location (polarity + or -).
- 5) Slide battery cover back into place.
- 6) Re-fit battery cover screw.

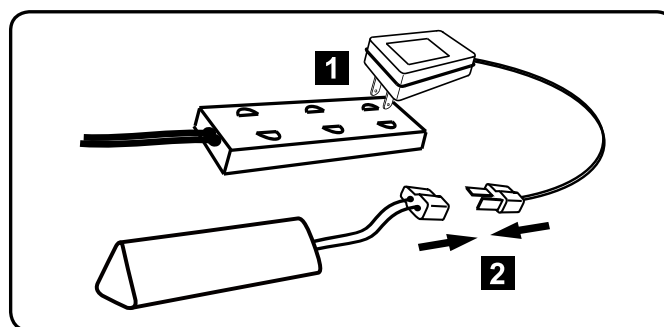
NOTE 1: The Offshore Lite Warrior is supplied with a start-up 9V dry cell battery. Once this battery is depleted, please replace it with another dry cell 9V battery (alkaline recommended) or fully charged 9V rechargeable battery. Remove 9V battery from the transmitter if you do not intend to use it for a period of time.

NOTE 2: When the transmitter battery (dry cell or rechargeable) is at the end of its life, it should be disposed of at an approved battery recycling centre. **DO NOT DISPOSE OF IT IN HOUSEHOLD WASTE!**



CHARGING THE 7.2V POWER PACK

- 1) Plug the supplied charger into a mains outlet socket.
- 2) Connect 7.2V Power Pack to charger as indicated. Do not force the connectors together - they only attach one way!
- 3) The 7.2V Power Pack will charge from flat in just about 2 hours.
- 4) **Power pack getting warm means finish charging.** Do not overcharge. Do not leave 7.2V Power Pack and charger unattended when charging.



- The 7.2V Power Pack is not supplied pre-charged and you must charge it fully before using your Offshore Lite Warrior for the first time.
- The 7.2V Power Pack and charger will get warm whilst charging. This is normal. Do not charge on, or near to, a material/surface that is flammable or one that can be damaged by heat.
- The 7.2V Power Pack can be re-charged many times before it needs replacing. When the 7.2V Power Pack no longer holds a charge (is dead), it should be properly recycled.
DO NOT DISPOSE OF IT IN HOUSEHOLD WASTE!

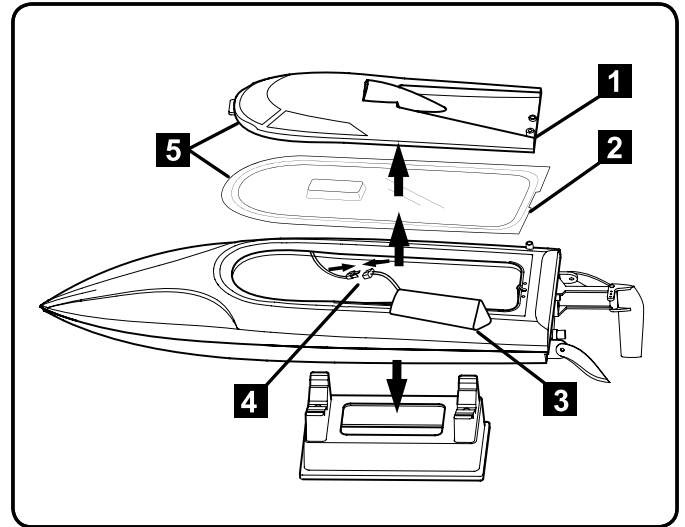
NOTE 1: The Offshore Lite Warrior will typically run for around 8 minutes on a fully charged 7.2V Power Pack. As soon as you notice a drop off in speed you should bring the model back to shore or control may be lost.

NOTE 2: If you want to run your Offshore Lite Warrior for extended periods, you can purchase additional 7.2V Power Packs. Details are given at the end of these Instructions. However, continuous running of the model will generate high heat levels, which will lead to premature wear of the motor. Once your power pack is exhausted, we recommend that you let the model cool down for 5~10 minutes before installing a fresh power pack.

INSTALLING THE 7.2V POWER PACK IN THE OFFSHORE LITE WARRIOR

(Model should be placed on its supplied boat stand)

- 1) Remove the Offshore Lite Warrior's upper deck by losing the screw at its rear section.
- 2) Remove the clear plastic cover.
- 3) Insert the 7.2V Power Pack into the left side of the hull. The connector of power pack heads towards the front of boat. Tie the power pack with provided magic belt inside the hull.
- 4) Attach the 7.2V Power Pack's connector to the matching connector in the Offshore Lite Warrior. Do not force them together - they only attach one way!
- 5) Replace the clear plastic cover and re-position the upper deck.



TRANSMITTER/RECEIVER BINDING

The binding process effectively ties the transmitter and receiver together. Under normal circumstances, both items are supplied like this from the factory. If, however, you find that your transmitter and receiver are not bound (receiver's red LED is on), you should do the following:

- 1) Switch "ON" the transmitter.
- 2) Switch "ON" the receiver by Attaching the 7.2V power pack's connector to the matching connector in the Offshore Lite Warrior boat.
- 3) Press down the "BIND" button on the receiver, the receiver's green LED will be on to indicate that binding has been successful and the receiver will now accept commands from the transmitter.

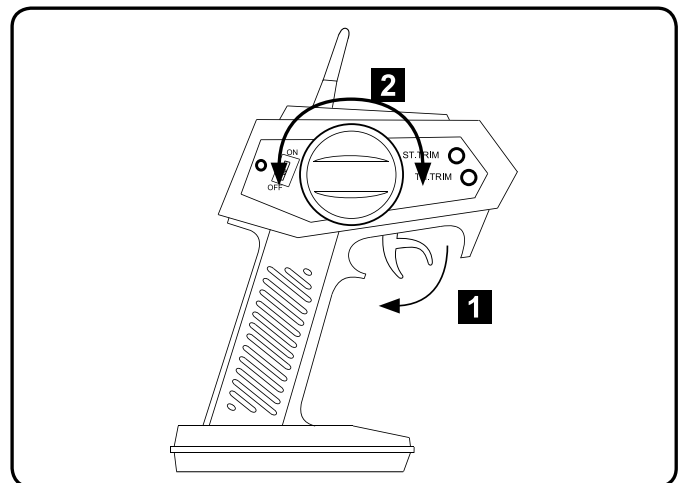
Note 1: During binding process, transmitter and receiver should be no more than one meter apart and no other similar devices should be within 10 meters.

Note 2: if the green light flashing, showing the binding failure, please do again as above indication.

HOW TO CONTROL/OPERATE YOUR OFFSHORE LITE WARRIOR

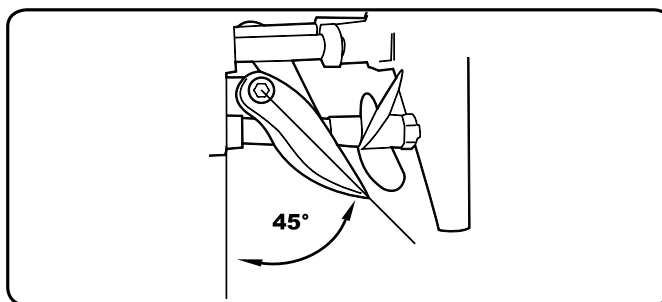
- 1) **Forward Throttle Trigger**
Your Offshore Lite Warrior can be driven forward by pulling the throttle trigger. Release the trigger and the Offshore Lite Warrior will stop.
- 2) **Left/Right Steering Wheel**
The steering wheel controls the Offshore Lite Warrior's left and right movement. Turn the wheel to the left to steer to the left. Turn the wheel to the right to steer to the right. Release the wheel to go straight.

Racing Tip: The Offshore Lite Warrior is an oval racer, designed for clockwise racing, and will be less responsive to steering inputs at high speed, particularly left turns. Decrease your speed to allow tighter turning.



TURN FINS

The Offshore Lite Warrior features adjustable turn fins to aid in turning. These can be adjusted using the included Allen key. The optimum angle of adjustment is 45 degrees to the hull.



DRIVING YOUR OFFSHORE LITE WARRIOR

- 1) Switch 'ON' the transmitter. Check that the transmitter's red LED glows brightly.
- 2) Check that the turn fins are adjusted correctly.
- 3) Switch 'ON' the Offshore Lite Warrior (connect the 7.2V Power Pack).
- 4) Check that the propeller and the rudder respond to transmitter inputs before placing the Offshore Lite Warrior on the water.

AFTER USE

- 1) When you have finished using your Offshore Lite Warrior, you should first switch 'OFF' the model (disconnect the 7.2V Power Pack), then switch 'OFF' your transmitter.
- 2) Remove all batteries from the transmitter and model.
- 3) Leave the Offshore Lite Warrior's upper deck and clear plastic cover off to allow moisture to evaporate. Ideally, place the model in this way in a warm and dry place, like an airing cupboard, until you are sure it is dry and then store it away.

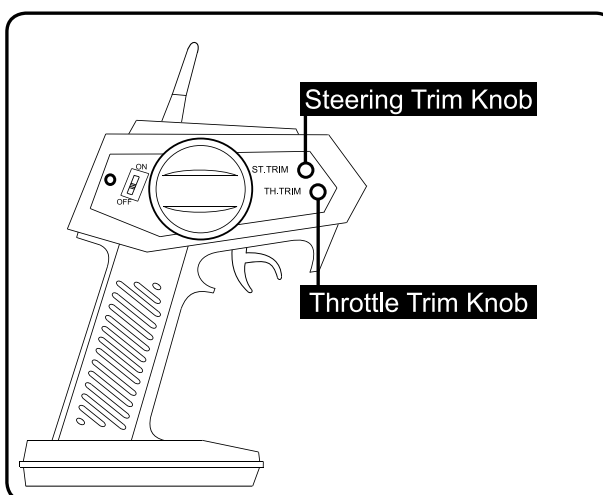
NOTE: If the Offshore Lite Warrior begins to bob when running, it may have taken on an excessive amount of water. In this case, you should immediately return to shore, remove the upper deck and clear plastic cover and drain the water from the hull.

IF THE OFFSHORE LITE WARRIOR DOES NOT RUN IN A STRAIGHT LINE

If your Offshore Lite Warrior does not run in a straight line when not being steered, you can adjust it by using the steering trim located on the upper right hand side of the transmitter.

- 1) Run your Offshore Lite Warrior on calm water when adjusting the steering. If your model runs to the right when not being steered, turn the trim control knob a little to the left, re-centre the model and see if this has corrected the problem. Keep making small adjustments in this way until the model runs straight.

Turn the trim knob to the right to correct if your model steers to the left without being steered in the same way as detailed above.



- 2) You can also adjust the Offshore Lite Warrior's throttle response using the Throttle Trim, located under the Steering Trim on the transmitter.

If, when you connect the 7.2V Power Pack, the Offshore Lite Warrior's propeller starts turning without transmitter input, you can adjust it back to neutral (stopped) by turning the Throttle Trim knob to the left. You should adjust this trim so that the propeller starts to turn as soon as you depress the transmitter's trigger, but the propeller stops turning immediately the trigger is released.

CAUTION!

Please observe the following warnings.

DURING OPERATION

- The transmitter's range will vary depending on your surroundings and battery strength. Do not operate Offshore Lite Warrior too far away or control will be lost.
- Ensure that all batteries are correctly installed and that the 7.2V Power Pack is fully charged.
- Do not operate your Offshore Lite Warrior in areas with strong currents, in salt water or areas of water with large waves.
- Do not touch moving parts during operation, especially the propeller.
- Do not let your Offshore Lite Warrior run aground, as this can cause damage.
- If you lose control of your Offshore Lite Warrior, never wade into deep water or water with strong currents to retrieve it. First, hold the transmitter as high as you can to try to re-establish control. If this does not work, find another way to move closer to the model, but do not endanger yourself in the process!

STORING YOUR OFFSHORE LITE WARRIOR SAFELY

- Always remove all batteries before storing your Offshore Lite Warrior.
- Never store your Offshore Lite Warrior near naked flames, in high temperatures (including radiators) or in direct sunlight.
- Never store your Offshore Lite Warrior near water, outdoors or in the rain.
- Ideally, store your Offshore Lite Warrior and transmitter in the box in which they were supplied.

CARE WITH RECHARGEABLE BATTERIES (THE POWER PACK)

Care must be taken when handling rechargeable batteries (the Power Pack) to avoid the possibility of injury and/or damage to property. Do not short circuit, disassemble or incinerate rechargeable batteries. It is very dangerous to disregard these warnings.

GENERAL INFORMATION FOR THE SAFE OPERATION OF YOUR OFFSHORE LITE WARRIOR

Please follow these simple rules to ensure safe operation and gain the maximum enjoyment from your model.

- Avoid overloading your model. Never run it in areas where its movement will be restricted, e.g. areas where there is pond weed, etc., as this can over stress the motor.
- Ensure nothing prevents the smooth running of moving parts.
- Do not run your model in confined spaces.
- Never run your model in a public space where it might upset or endanger people or wildlife.
- Immediately switch 'OFF' your model and transmitter if you see lightning or hear thunder.
Never use your model in the rain.

Do not dismantle or tamper in any way with this R/C vehicle and its transmitter. The manufacturer and distributor will accept no responsibility, expressed or implied, for accidents or injuries caused as a result of disassembly, modification and/or usage against the Instructions for this product.


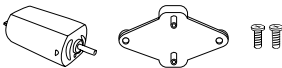



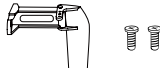


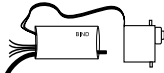
Tampering or modification will also invalidate the guarantee.

TROUBLE SHOOTING

Check using the chart below before returning your Offshore Lite Warrior for repair as many problems can be easily solved.

PROBLEM	CAUSE	REMEDY
Model will not move	No battery in transmitter/model	Install batteries
	Battery installation is incorrect	Install batteries correctly
	Weak battery in transmitter	Install a fresh battery
	Weak batteries in model	Recharge 7.2V Power Pack
No control of model	Weak battery in transmitter	Install a fresh battery
Limited radio range	Weak battery in transmitter	Install a fresh battery

SPARE PARTS

ITEM No	ITEM NAME	PHOTO
82001	Offshore Lite Warrior Deck/Cover	
82002	480 Motor w/ Water Cooling Jacket	
82003	Aluminum Alloy Coupler w/3 screws	
82004	Flex shaft	
82005	P1.4*D33mm/3 Propeller(Pk2)	
82006	Rudder Set	
82007	Stainless Steel Turn fins set	
82011	7.2V 1100mAh Ni-Mh Power Pack	
82012	2.4GHz RX,ESC,Servo Set	

CE 1622



RoHS

Ni-MH

FCC WARNING: Changes or modifications not expressly approved by the party responsible for compliance could avoid the user's authority to operate the equipment.