

Xboat 730

User Instruction Manual




TOSLON
www.toslon.com

Preface

As Yachting Electronic Co., Ltd is continuously improving this product, we retain the right to make changes to the product at any time which may not be reflected in this version of the manual. Please contact your dealer if you require any further assistance.

It is the owner's sole responsibility to install and use the instrument and transducers in a manner that will not cause accidents, personal injury or property damage. The user of this product is solely responsible for observing safe boating practices.

 Warning: disassembly and repair of this electronic unit should only be performed by authorized service personnel. Any modification of the serial number or attempt to repair the original equipment or accessories by authorized individuals will void the warranty.

We may find it necessary to change or end our policies, regulations and special offers at any time. We reserve the right to do so without notice. All features and specifications subject to change without notice.

Warranty

1) Warranty Period

Yachting electronic warrants that its products, when properly installed and used will be free from defects in material and workmanship for the period of 24 months from the date of first purchase. For Distributors only, the Warranty Period shall run for an additional three (3) months to that stated for first retail customers.

For the purpose of this Warranty, 'date of first purchase' means

(i) for a first retail customer only, the date the product was purchased by the first retail customer.

(ii) for a distributor only, the date that the product was purchased from Yachting electronic by the Distributor.

2) Warranty Repairs

Product(s) qualifying for warranty repair will either be repaired, or replaced with new or refurbished parts or product, or an equivalent product, at the sole discretion of Yachting electronic. Warranty repairs are covered by the warranty terms and conditions for the remainder of the original product's warranty period, six months or in accordance with local jurisdictions, whichever is the greater. The ownership of all parts removed from the product for the purposes of effecting warranty repairs transfers from the Owner, back to Yachting electronic.

3) Non-Warranty Repairs

Product(s) accepted for non-warranty repair will either be repaired, or replaced with new or refurbished parts or product, or an equivalent product, at the sole discretion of Yachting electronic. Repairs by Yachting electronic Service on equipment that is no longer covered by any warranties are automatically covered by a six months warranty or where applicable, in accordance with local jurisdictions, whichever is the greater, provided that any subsequent failure is for the same reason as which the product had been originally returned. The ownership of all parts removed from the product for the purposes of effecting repairs transfers from the Owner, back to Yachting Electronic Co.

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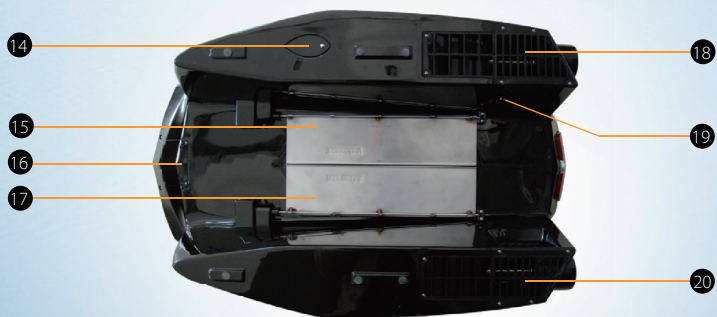
1) Charge cable
2) Boat antenna (long)
3) Boat antenna (short)
4) Cable for Pb battery

Note: the boat antenna (short) is only for backup using. With which the RC distance may only reach 100-150m



1) Nylon bag for boat
2) Nylon bag for all other parts

Boat Instruction



- | | | |
|----------------------|---------------------------------|----------------------------------|
| 1) Right light | 9) Battery charging port | 17) Right hopper plate |
| 2) Right hopper | 10) Screw for additional device | 18) Left weeds protection plate |
| 3) Handle | 11) Antenna (for fishfinder) | 19) Water switch |
| 4) Clapboard | 12) Left hopper | 20) Right weeds protection plate |
| 5) Left light | 13) Left battery lid | 21) Tail light |
| 6) Antenna for boat | 14) Transducer (optional) | 22) Left fairwater sleeve |
| 7) Right battery lid | 15) Left hopper plate | 23) Hook release system |
| 8) Power switch | 16) GPS lid | 24) Right fairwater sleeve |

What's the speciality?

TOSLON Xboat730 was well designed with innovative technology, including intelligent llight system, water switch, DSS waterproof, etc. These technology are all used to make the boat high reliability, easy to maintain and intelligent.



High Reliability

1) DSS technology

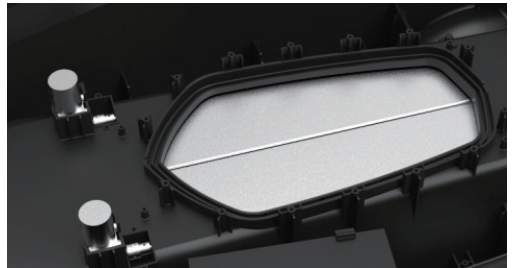
The innovative DSS (double seal system) technology, instead of single oil sealing, provides the most safe shaft sealing.



2) Heavy load hopper system

Heavy load hopper system use unique Sensor-less position control technique, always open close to correction position during all lifetime of the boat.

The two specially designed hopper were made with 0.8mm stainless plate, provide a 32kg*cm torque.



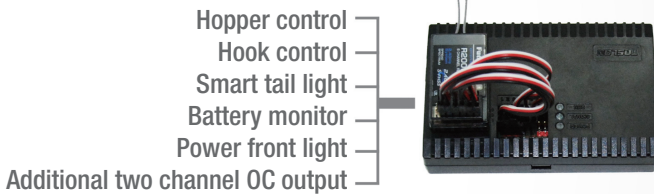
Easy to Maintain

All control system were designed into 2 boxes. No complex and disorganized wiring with PCB.



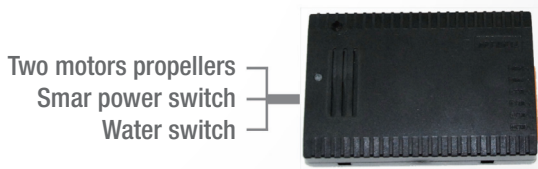
1) CCU box

The CCU (Central Control Unit) box control Hoppers / Hook Release / Battery Monitor / Front light / Tail light / additional two channel OC output.



2) ESC box

The ESC (Electronic Speed Control) box control two motor propellers / smart power switch / water switch.



Intelligent

1) Smart Front light (Unique !)

Running-light composed by 2x30pcs high brightness LED (Could be switch off by remote)

Brightness of Spot light (2*1.5W) is controllable by the remote



2) Smart tail light (Unique !)

The tail light was composed by 18pcs led which give out striking light at day or night.



Note: The tail light will twinkle in 2 conditions:

- a) one hopper box was released.
- b) low battery (default setting: for li-ion batter, lower than 10.3V, means 30% power). for Pb battery, change the switch on CCU.

3) Smart Power Switch

The power switch was designed with a breathing LED. Push On / Push Off.



4) Water Switch (Unique!)

Xboat730 will power on automatically in 10s after putting it on water. And power off automatically after it was taken out from water.



Note: If the boat was powered on **manually** before it was put on water, the water switch will **NOT** power off automatically after it was take out from the water.



Battery

Fix the Battery

As shown in right figure, there are 2 battery support being fixed in the housing, which are used to hold the battery.



Battery Support

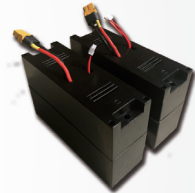
1) for lead-acid battery

Directly put the lead-acid battery into the battery support.



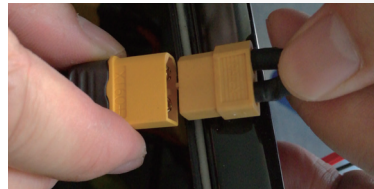
2) for Li-ion battery

The Li-ion battery were packed into two separate plastic box. Just putting the boxes into the battery support will be ok.



Connection

After batteries were fixed into the support, please connect them to the boat. Then the boat is ready for using.




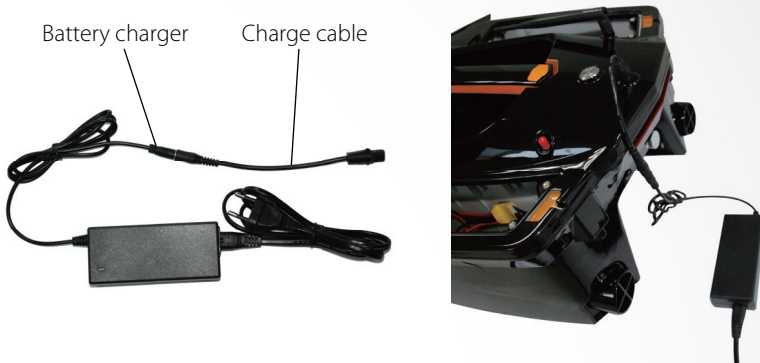
Warning:

1. Power voltage: 12V, Pb battery or Li-ion battery are recommended.
2. The two batteries are paralleled inside the boat. Please use batteries with the same specification only! And before connect the batteries to boat, please fully charge both batteries separately to ensure voltage of two batteries are the same.
3. Do not crush puncture, incinerate or short circuit external contacts.

Battery Charging

Together with the boat accessories, there is an charge cable which is used to connect the battery charger to the boat.

 **Note:** this charger is recommend for PB battery charging only! For Li-ion battery, please use separate balance charger!



Low Battery Alarm

Xboat730 is generally powered by 2 Li-ion battery (12000 mah /12v), provide more than 5.5 hours continuous running time (or more than 20km) at max speed.

If the battery voltage is lower than 10.3V the tail light will alarm by twinkling continuously.



Operation

Remote

Following is a short instruction of the remote. For detailed function, please refer to the instruction manual of remote which is in the CD together with the bait boat manual.



- | | | |
|-------------------|---------------------|-------------------|
| 1) Switch D (SwD) | 6) Up/Down (rotate) | 9) Switch A (SwA) |
| 2) Knob B (VrB) | Enter (press) | 10) Right stick |
| 3) Switch B (SwB) | Menu (long press) | 11) Motor trims |
| 4) Left stick | 7) Knob A (VrA) | 12) Charger jack |
| 5) Left trims | 8) Switch C (SwC) | 13) Power switch |












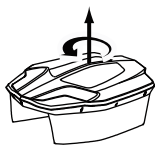
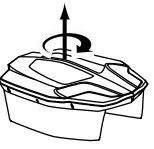


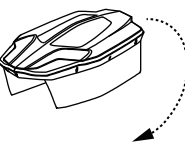
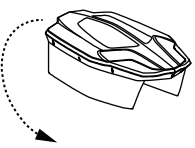
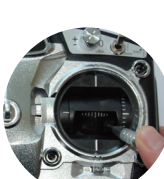
Note: before turn on the handset, please keep sure the 4 switches (switch A,B, C, D) are on "off" position. Otherwise an warning message may appear.



Running instruction

The right hand joystick is used to run the boat: go forward, reverse, turn left, spot turn left, turn right, spot turn right, etc...

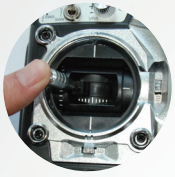


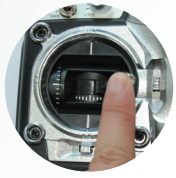


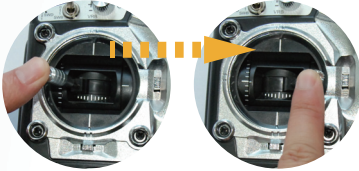







 <p>Go forward</p> 	<p>Go reverse</p>  
 <p>Turn left</p> 	<p>Turn right</p>  
 <p>Spot turn left</p> 	<p>Spot turn right</p>  
 <p>Turn back left</p> 	<p>Turn back right</p>  



Load and dump the bait

The left hand joystick is used to load and dump the bait.

 <p>Release the left hopper</p>	 <p> Note: after the left hopper was released, the left part of tail light will twinkle</p>
 <p>Release the right hopper</p>	 <p> Note: after the right hopper was released, the right part of tail light will twinkle</p>
 <p>Move the left hand joystick quickly from left to right to release the two hopper almost at the same time.</p>	 <p> Note: after the two hopper were released, the whole tail light will twinkle</p>
 <p>Close the hopper</p>	 <p> Note: you can stop dumping the hopper at any time by moving the left hand joystick up)</p>



Load and release the hook

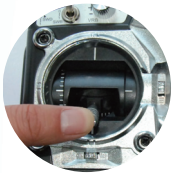
The left hand joystick is used to load and release the hook.



Load the hook

Most of the time, it is very easy to load the hook. Just insert your hook or line (through the pin) to the hook holder will be ok.

Some times, if the hook is too bigger to be easily inserted in the hook holder, you may need the following steps:



- Push and hold the left hand joystick down, the pin will withdraw.
- Put your line(s) or hooks in the hook holder.
- Release the left joystick. Then the pin will extend out to catch the hook or lines.



Note: to protect the magnet inside the boat, maximum releasing time is 5Sec. The pin will back automatically after 5s.

Release the hook

Push the left hand joystick down will release the hook.

Turn on/off the light

For TOSLON Xboat 730, there are Spot light, daylight and tail light.
All lights are remote controllable.



Daylight

Spot light



Tail light



Turn on/off the Spot light

The knob B is used to turn on/off the spot light.

Adjust the brightness of spot light

Rotate Knob B clockwise / anticlockwise to turn on /off & increase/decrease the brightness of the spot light.



Turn on/off the daylight and tail light

The switch A is use to turn on/off the daylight and tail light.

Note: the daylight and tail light are designed to turn on/off together.

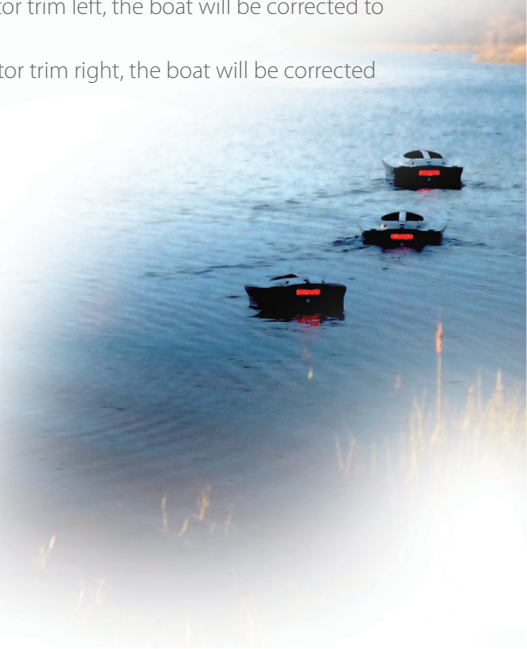


Trim the motor

It is probable that the boat will not drive absolutely straight as a result of the rotation of water.

Due to the pumps, differing loads, winds and water conditions, the motor trim knot of the remote control has little effect on either motor. So, continued correction by using the motor trim knot is therefore necessary for straight line running.

- a) Continuously pressing and turn the motor trim left, the boat will be corrected to turn left slowly.
- b) Continuously pressing and turn the motor trim right, the boat will be corrected to turn right slowly.



motor trims

Specifications

Radio	2.4 GHz 6-channel remote control
	R/C Range 500m to 1000m, depending upon environmental conditions
Hull Spec.	Dimensions 70cm*44cm*27cm
	Total weight 7.0kg (without batteries & bait)
	Special handle design with rubber protection
Bait & Hook Release	Special weeds protection
	Up to 5kg bait capacity / Volume total 5 Liter (2.5 liters per hopper)
	Two separately controllable hopper releasing
	Non-wearing and easy-to-use magnetic pin hook releasing system
Others	High performance 755 DC engines, 2x100W (Max)
	2 Li-ion battery (12000 mah /12v) provide more than 5.5 hours running time (or more than 20km) at max speed (Optional)
	2 *1.5W Spot Light
	Low battery indicator, compatible with 3S Li-ion & 12V Pb battery
	SONAR/GPS/Autopilot pre-designed. Easy Plug and Play without demaging the body
	Failsafe-system as standard

2 year warranty period

TOSLON

Xboat 730

THE NEXT GENERATION
OF BAIT BOAT



YACHTING ELECTRONIC WARRANTY POLICY

1 INTRODUCTION

Yachting electronic guarantees its products against defects in materials or workmanship according to the terms and conditions detailed within this document, the Yachting electronic Warranty Policy. For the purposes of this Warranty Policy, 'Distributors' refers to Distributors in all countries.

2 TYPES OF WARRANTY

Yachting electronic offers standard limited warranty:

2.1 Standard Limited Warranty

Reimbursement limited to repair time and parts only:

To qualify for warranty service, the product must be returned to Yachting electronic or an Authorized Yachting electronic Dealer within 30 days of the apparent product failure. It is the customer's responsibility to remove the product and return it to an authorized Yachting electronic Dealer or Yachting electronic Service Centre for repair. All costs associated with the removal, reinstallation, commissioning, and/or correction of installation errors on-board must be paid for by the customer. The warranty statement does not apply to the following cases:

- 1) Damages caused by improper installation;
- 2) Damages caused by conducts not in compliance with installation methods provided in the User's Guide;
- 3) Damages caused by accidents or improper operating practices;
- 4) Damages caused by maintenance performed by people other than designated professionals.

PRODUCT REGISTRATION CARD

Customer Information:

Customer name: Country: City:
 ZIP:
Tel No. / Mobil: Email:

Product Information:

Model No.: Serial No.:
Date of purchase:

Dealer Information:

Dealer Name: Email:

This form is for Product Registration purpose only. Failure to return this form does not diminish your rights during the warranty period.

2.2 Yachting electronic Service Warranty Periods

2.2.1 Warranty Period

Yachting electronic warrants that its products, when properly installed and used will be free from defects in material and workmanship for the period of 24 months from the date of first purchase. For Distributors only, the Warranty Period shall run for an additional three (3) months to that stated for first retail customers.

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2.2.2 Warranty Repairs

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2.2.3 Non-Warranty Repairs

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