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Item No. \_\_\_\_\_ Purchasing Date \_\_\_\_\_

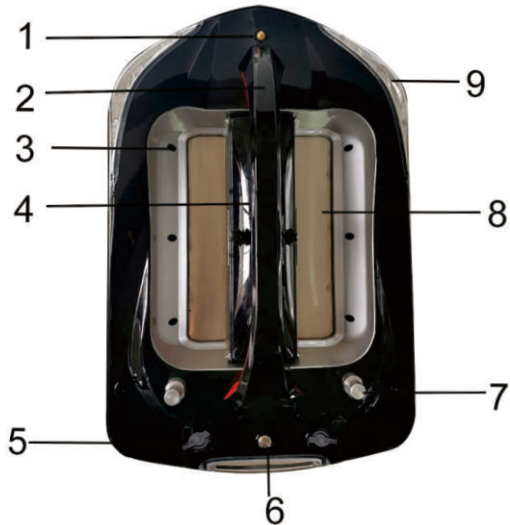
## Bait Boat Shipping List

Product Name	Quantity	Specification
Bait Boat	1	Boat dimensions 68*45*30cm
Remote Controller	1	Handset includes re-chargeable lithium battery, already battery, already installed
Boat Li-ion Battery	2	12V/18AH, 4-5hour runtime, installed via simple plug-in arrangement under boat handle
Battery Charger	2	2 adapter cables
Boat Antenna	1	Receiving 2.4Ghz signal
Tripod	1	Adjustable tripod stand for handset
Boat Carry Bag	1	Contains USB charging cable for handset battery. Contains lariat for handset so can hangd around the neck Contains battery chargers

# Transmitter Figure



# Boat Hull Figure



1. Boat Antenna
2. Handle
3. Rubber plug
4. Battery Box Cover
5. Charging Port
6. ON/OFF
7. Hook Release Device
8. Bait Door
9. LED light

# Getting Started

1. Prior to taking the boat out for use we recommend getting used to the basic controls at home. Please use the joystick to control the boat direction, check the motor, bait hoppers, light on/off, and hook release device all work well.
2. You will most likely need to charge the batteries in both the handset and boat. The handset charges via a USB cable as though it were a mobile phone. When the handset is fully charged the red light on the handset will change from red to green. Please note that you may also check on the handset the level of charge in the handset battery. The boat batteries can be charged in the boat via the 2 short adapter cables which connect the charger cables with the sockets on the back of the boat. Alternatively the batteries can be removed from the boat and connected directly to the chargers. The chargers will change from having a small red light illuminated to one that is green when the batteries are fully charged. As with the handset batteries, the level of charge in the boat batteries may be checked via the handset.

## Operation details

1. After installing the boat batteries in the battery tray, please fasten the screws by hand (a reasonably tight fit is important so as to avoid allowing water to get into the boat). In order to receive the better signal, please attach the antenna for boat, and set in an upright position.
2. Turn the handset on then the boat
3. Use left joystick on handset control boat direction – forwards/backwards/left/right. Please note you do not need to “force” the joystick, It is very responsive and a gentle touch will suffice.
4. The right joystick controls boat hoppers. Push joystick to the left to open port side (left) hopper; repeat this action to close the hopper. To open and close the right hand hopper – move the joystick to the right,. There is an icon on the handset which indicates whether a hopper is closed or not. In addition a light flashes on the back of the boat indicating hopper movement
5. There is a hook release function on the SAME joystick as hopper with open/close function. Move the joystick up or down to release left and right mechanism. Note: We recommend using the bait trays as rule for all end tackle
6. Switching off: Turn the boat off then the handset

# The sonar

## Needs to be in the water to function correctly

1. Depths can be shown in feet or meters; you may select which you prefer through option FEET on the menu screen.
2. The sonar comes on automatically when the boat in manual mode i.e. is not being instructed via GPS function to sail to a point or return to HOME. If you would like the sonar to be on permanently press MENU key and go to option OTHER SETTING. Step thru the options by using OK until “Cruise display fish SW” appears; this can then be modified by using the up/down arrows on handset; one can then select to have function ON or OFF.
2. There are from 1 to 10 fish size sensitivity settings, this accessed through menu options. Selecting level 1 will show all sized fish whilst selecting level 10 will only show large fish. Usually set 3.

3. The system automatically scales the screen depending on how deep the water is, max depth is 30m. The screen shows the current depth below the boat

1. Marked fish are shown with their depths alongside. The lake/river contours are marked. Yellow indicated a hard rebound. Green indicates a soft rebound.

2. Also you can press the “PAUSE” button to effectively take a snapshot of the screen and allow you to take a longer look at the details shown.

## **GPS Functions**

1. Store home. Place the boat in the water, ideally there should be a minimum of 20 satellites registering on the handset. The more showing, the more accurate the positioning will be. Press the “HOME” button for 2-3 seconds. The distance to home on the handset will reset to 0m. Home is now set.



When first using the boat and to get used to how the GPS works we recommend, once the home point has been set, sailing the boat out 20m-30m and then press the “HOME WITH ARROW” button; this will then return to the home point you set.

2 To save a point. Once you have identified a likely spot to catch some fish press the “SAVE” button to save that point. If you have already stored that point you will have the option of overriding it.

3 To go to a stored point. Press POINT, the last used point will be highlighted on the screen. To select this point simply press go and the boat will go to that point. Alternatively use the up/down arrows to select an alternative point and then press GO.

4. Delete a stored point. Press DEL. Current point will be highlighted. To delete this point press OK or select another point using up/down button.

5. One has the option of setting 30 stored points per location. A location might be a lake or alternatively you may wish to set a location as a specific peg that you fish on a regular basis, The location may be changed in the menu where you can select up to 30 different locations. In total this allows you create up to 900 stored locations.

## Auto Home

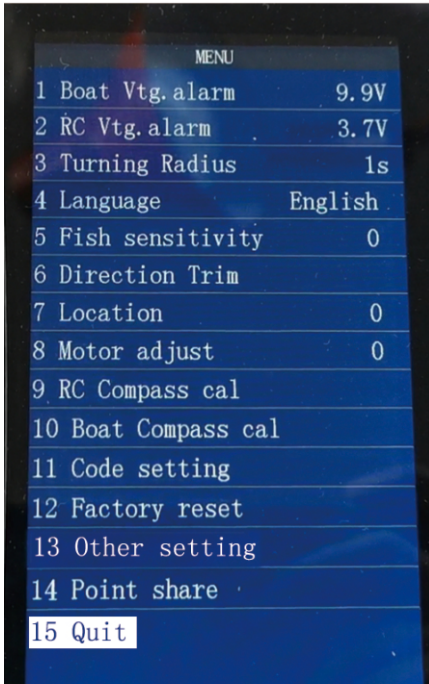
The HOME BUTTON with a small arrow is the return home option – once pressed the boat will return to the home point set.

Note: We strongly recommend that a HOME point be set as soon as possible when you start fishing. In the event that the handset loses its connection to boat after a short delay the boat will automatically return to home.

Note: In normal use, please pay attention to the boat lights. When the low power warning is breached (set in the menu) , all the boat lights will start flashing. Please change or charge the batteries .

When operating the boat in the evening, lights are turned on or off by using the LIGHT/HEADLIGHT button on handset.

# Menu Options



A screenshot of a handheld device's menu. The screen is dark blue with white text. At the top, the word 'MENU' is centered. Below it, there are 15 numbered options, each with a corresponding value or setting. The options are: 1 Boat Vtg. alarm (9.9V), 2 RC Vtg. alarm (3.7V), 3 Turning Radius (1s), 4 Language (English), 5 Fish sensitivity (0), 6 Direction Trim, 7 Location (0), 8 Motor adjust (0), 9 RC Compass cal, 10 Boat Compass cal, 11 Code setting, 12 Factory reset, 13 Other setting, 14 Point share, and 15 Quit. The '15 Quit' option is highlighted with a white background.

MENU	
1 Boat Vtg. alarm	9.9V
2 RC Vtg. alarm	3.7V
3 Turning Radius	1s
4 Language	English
5 Fish sensitivity	0
6 Direction Trim	
7 Location	0
8 Motor adjust	0
9 RC Compass cal	
10 Boat Compass cal	
11 Code setting	
12 Factory reset	
13 Other setting	
14 Point share	
15 Quit	

Access the menu via the button with horizontal lines on the handset. Use the up/down arrows to highlight an option. Use left/right arrow to move cursor across. Press OK to confirm selection

## Options

1. Boat Vtg. Alarm. Set level at which the boat battery warning i.e. flashing lights on the boat comes on – we recommend leaving it on the factory setting.
2. RC Vtg. Alarm. Set level at which the handset battery warning sound comes on – we recommend leaving it on the factory setting.

3. Turning Radius. After dropping the bait and pressing the auto home button the boat will return to the set home point. One can adjust the turning radius to determine how far away the boat is from your line. This is particularly useful if you are using slow sinking or indeed floating line. The default setting should suffice but can be changed if required.
4. Language – we recommend leaving setting on English
5. Fish sensitivity, from 1 to 10. 1 being all fish 10 being large fish
6. Direction Trim – the factory setting should suffice
7. Location Lake, Set Location, one can change the location when swapping lakes/pegs. 30 Separate locations can be selected
8. Motor balancing/adjustment..In the event that the boat is not sailing in a straight line one can adjust the balance. This has already been done prior to sending it out. However one can adjust; if going to the left increase the number more than 0. If drifting towards the right reduce the number below
9. RC Compass cal. compass recalibration through reset. (There should be no need to use this function)
10. Boat Compass cal. compass reset. (There should be no need to use this function)

11. Code Setting. This function is only required when a new receiver is used inside the boat or for some reason the handset and boat have become disconnected – as a rule there is no need for you to use this function.

Ensure boat and handset are both turned off

Turn on the handset

Ensure boat is no more than 10cm from the boat

Go to menu

Select code setting

Turn on boat immediately

Red light on boat will go to green  can take up to 30secs

Select quit on menu press OK

Handset will now be connected boat

12. Factory reset- clears all storder points and returns settings to factory settings

13. Other setting.

14. Point share. Allows you to share stored points with another Osprey 2 user.

15. Quit.

# Advance Function

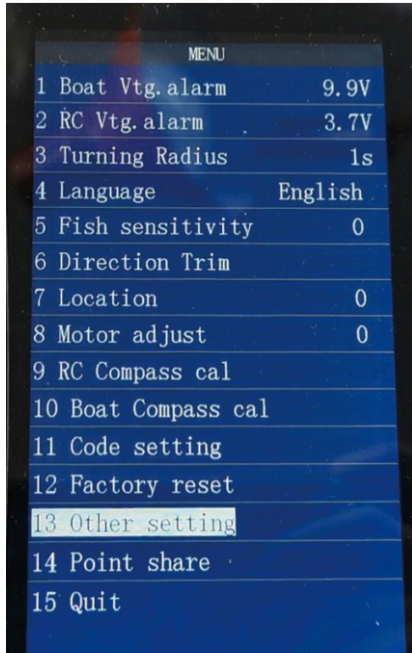
## Auto bait drop

Press POINT, POINT, then press GO, double press POINT will initiate this function. The boat utilizing the autopilot will go to the selected stored location, both hoppers will open as will the releases. The boat will then close the hoppers and return home automatically.

## Set Auto Cruise Function

Swimming forward all the time, one can still navigate the boat left and right. At first, ON the cruise SW(in Menu-Other setting),then press II button, function will go into CRUISE mode i.e. one does not need to continue to press the toggle forward. To cancel this function simply press II button again or pull the joystick back.

# Other settings



## Auto Braking

The boat has already been configured with an optimum braking setting – this facilitates the boat stopping on the desired stored point by engaging the motors in reverse. The length of time this is set for can, if so desired, be overridden using this option, Potentially helpful if there is a particularly unfavorable wind or current effecting the location.

## Set Auto Cruise Function

Swimming forward all the time, one can still navigate the boat left and right. ON the cruise SW, then press II button, function will go into CRUISE mode i.e. one does not need to continue to press the toggle forward. To cancel this function simply press II button again.

## **Cruise Display Sonar Option**

When set to ON this function will enable the angler to see the sonar whilst the boat is in autopilot mode.

## **Radio Mode 1 or Mode 2**

This function enables the controls to be changed from left to right on the handset i.e. Left stick mode 1 is left hand controls boat throttle, right hand control bait hoppers. When choose right stick mode 2, left hand function switch to right hand.

## **Feet SW**

The sonar depth units may be displayed in meters or feet.

## **Delay in stop**

Ensures that the bait boat correctly stop when there is a strong wind and/or large waves are strong. This has already been set and would suggest not adjusting this setting.



## **Motor polarity**

Motor1 is left motor, set +  
Motor2 is right motor, set -

## **Underwater camera**

CAM adjust +when you use underwater camera. Turn on the independent screen, and open bait hopper. Press ↓ key and GO key. Use the right stick to control the camera up or down. Press EXIT to return back to home screen.

## **MAX-SP**

One can adjust the motor t power from 50 to 100.

## **MOD**

Set 0. Mode 1 for another different boat.

# **Options**

**Bait spreader** Casting wet corn or bait in larger area. Press ↑/E key to be switched to this function. Then use right stick control it ON/OFF. Press ↑/E

**Bait spiral** key again, back to hoppers function.

## **Underwater camera**

# Notice and Maintenance

1. NOTE: Lithium batteries, in common with most batteries, can be dangerous if left charging for an extended period unattended – we recommend charging them in plain sight and not leaving them charging overnight
2. Please ensure that both the handset and boat batteries are charged prior to going out for a session.
3. The boat should not be used in thunderstorms or very strong winds – please apply common sense in this regard.
4. If the boat is not used for an extended period of time we recommend that the batteries be charged every couple of months.

Thank you for choosing the boat

– Enjoy your fishing; tight lines.