

# STRIKEBOAT

C1 BAIT BOAT

**USER GUIDE** 

# Thank you for purchasing a StrikeBoat C1 Radio Controlled Bait Boat

Please read the instruction manual before operation

We recommend keeping the original packaging in case of product return

Please charge batteries fully before first use

If you would like to contact us please visit www.baitboat.co.uk

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# **EQUIPMENT LIST**

### Included in the C1 box is the following equipment:





StrikeBoat C1

StrikeBoat Transmitter







2.4Ghz Antenna

2x Battery

2x Charger

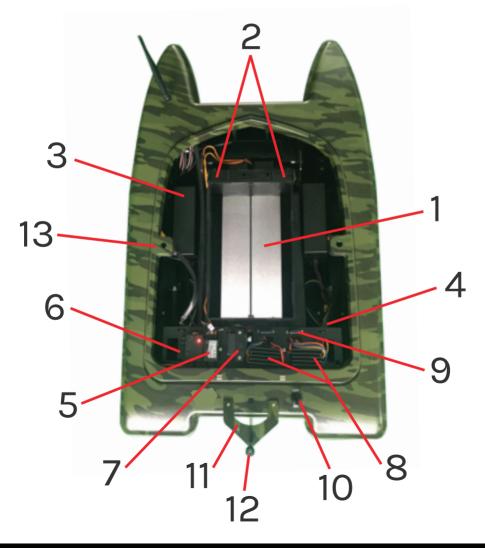
# TECHNICAL SPECIFICATION

Power Supply	Lead Acid: 6V / 12AH	<b>Lithium:</b> 7.4V / 12AH
Battery Run Time	Brushed: 2 - 3 Hours	Brushless: 3 - 4 Hours
Transmitter Range	350 - 500 Meters	
Sailing Speed	1 - 2 M/Second	
Wave Resistance	5 - 6 Class	
Charger Voltage	AC 110 - 240 V	
Hopper Capacity	5Kg Maximum	
Boat Size	830 x 523 x 300 mm	
Weight	15KG	

# **COMPONENT INFORMATION**

- 1 Bait Hopper
- 2 Hopper Servos
- 3 Battery
- 4 Motor
- 5 2.4Ghz Receiver
- 6 Light Controller
- 7 Line Drop Servo

- 8 Speed Controllers
- 9 Fuse
- 10 On/Off Switch
- 11 Line Dropper Plate
- 12 Line Dropper Cap
- 13 Top Cover Securing Point



# COMPONENT INFORMATION

#### 1 - Bait Hoppers

2 individual bait hopper openings. Operated individually and with adjustable speed settings. 5Kg maximum capacity.

#### 2 - Hopper Servos

Controls the operation of the bait hoppers.

#### 3 - Battery

2 batteries supplied. Lead Acid or Lithium power depending on your selection when purchasing. Must be charged with the supplied chargers.

#### 4 - Motor

The motors drive the boat forward and backwards and also control the steering functions.

#### 5 - 2.4Ghz Receiver

Connects to the StrikeBoat transmitter and controls all of the boats components.

#### 6 - Light Controller

Control the LED lights on the boat from the transmitter. When the battery is low the LED lights on the top cover will begin to flash.

#### 7 - Line Drop Servo

Controls the function of the rear line dropper.

#### 8 - Speed Controllers

2 individual speed controllers control the function of one motor each.

#### 9 - Fuse

Protects the speed controller from over loading if the boat is stuck.

#### 10 - On/Off Switch

Controls the power supply to the boat.

#### 11 - Line Dropper Plate

Fixes the line dropper to the rear of the boat.

#### 12 - Line Dropper Cap

Fixes the line to the line dropping mechanism.

#### 13 - Top Cover Securing Point

2x butterfly bolts secure the top cover to the hull.

# LINE DROPPER OPERATION

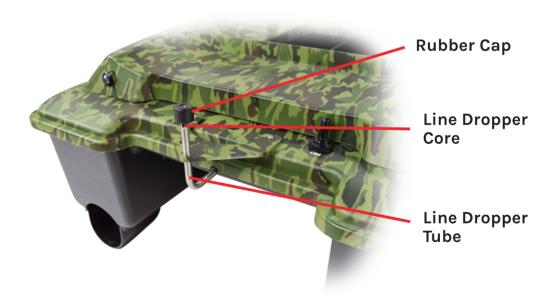
Firstly, remove the rubber cap from the top of the Line Dropper Tube.

Hang your pre-prepared fishing line onto the core of the line dropper.

Re-fit the rubber cap onto the top of the Line Dropper Tube.

The StrikeBoat will take the fishing line to your desired destination on the lake.

When activating the Line Drop feature on the StrikeBoat handset, (Right stick in the downwards position) the Line Dropper Core will lower down the tube and release your line into the water.



# HANDSET FUNCTIONS

Not all of the buttons & switches on the StrikeBoat handset are in use. Please see the information below for the use of the handset functions



#### 'SA' Toggle Switch

Opens & closes the left hand bait hopper

#### 'SB' Toggle Switch

Controls on/off for LED lights on hull top cover

#### **Left Control Stick**

Controls forwards, backwards, left & right motions of the boat. Move this stick up, down, left & right

#### **Trim for Left Control Stick**

Fine tune adjustments to ensure the boat is running in a straight line. Standard settings are usually at '0' neutral

#### 'SD' Toggle Switch

Opens & closes the right hand bait hopper

#### 'SC' Toggle Switch

Controls on/off of GPS or Robot if fitted to your boat.

Up position = Manual mode Down position = GPS/Robot mode (If fitted) Middle position = Not in use

#### **Right Control Stick**

Move downwards to release line dropper core

#### On/Off Switch

Press and hold to power up & down

Please note: The handset is pre-programmed and ready to use. There should be no requirement for any technical set-up. Any technical adjustments carried out by the user are done so at the users own risk and StrikeBoat can not be held liable for any problems caused by technical setting adjustments

## INITIAL BOAT SET-UP

### Please follow the steps below before using your StrikeBoat C1

#### Step 1:

Connect the screw-fit antenna to the StrikeBoat C1.

#### Step 2:

Remove the top cover from the boat by unscrewing the two butterfly bolts on the top of the boat.

#### Step 3:

Seat the two batteries into the battery housings on either side of the hull.

#### Step 4:

Connect the battery connectors to the boat. Please make sure the negative and positive cables meet correctly.

#### Step 5:

Connect the battery to the handset. Remove the back cover from the handset & connect the battery - Be sure to take note of the wire colour and match the negative & positive wires to the - and + symbols inside the battery housing of the handset.

#### Step 6:

The handset will display a low voltage warning when the battery reaches 3.7v. To charge the handset, use the micro-USB cable supplied with the handset.

#### Step 7:

To power up the StrikeBoat C1 it is very important to turn on the handset first. Powering the boat before the handset may cause connection issues and cause your boat to run out of control.

#### Step 8:

Test the functions of motor with the boat on the ground first. Once tested, place your boat into the water - It is now ready to use!

### **IMPORTANT!**

- Always turn on the handset before the bait boat
  - Max 2.5kg of bait per hopper
  - Do not operate bait hoppers by hand

Please re-charge your battery before using the boat if the voltage display is:

Lead Acid: 5.8V or less

**Lithium:** 6.8V or less

## USING THE BOAT IN THE WATER

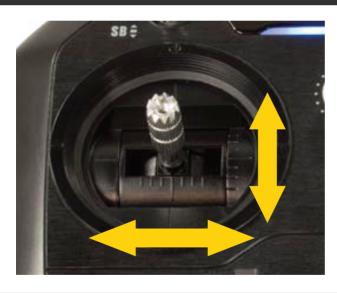
Once you have completed and understood the steps on page 6, you are now ready to use the StrikeBoat

It is important not to use the boat in the water if the battery is below the recommended voltage as per page 6 of this manual.

Failing to ensure sufficient charge is in the boat batteries may result in your StrikeBoat becoming stranded.

Always ensure that the handset is switched on before powering up the Bait Boat.

### LEFT STICK CONTROL



### Up/Down:

Forwards & backwards

### Left/Right:

Steers left & right

Some up or down input needs to be applied when steering to ensure the boat moves in the desired direction

**GPS FUNCTIONS** 

ΠD

**ROBOT FUNCTIONS** 

If your C1 Bait Boat is equipped with GPS or Robot functions:

Please refer to the relevant manual included with your boat.

## BAIT HOPPER

### OPENING & CLOSING BAIT HOPPER DOORS



Open and close the left bait hopper using the 'SA' switch on the handset Open and close the right bait hopper using the 'SD' switch on the handset

### HOPPER OPENING SPEED

Adjust the speed that the hopper doors open by following the guide below:



The left side of the handset has 4 buttons used for navigating through the menu system.

The menus can be navigated using the touch screen or by using the toggle on the right hand side of the handset

Press the 'M' button to access the main menu. (Circled on the photo to the left)



Select 'General Menu' and choose the 'Channel Delay' setting.

The 'Gear' setting will adjust the left hopper speed The 'FLP' setting will adjust the right hopper speed

The standard speed is 10 seconds, this speed can be increased or decreased accordingly

#### **IMPORTANT:**

Do not adjust any of the other settings on this menu screen. This may cause issues with the operation of your bait boat.

# BINDING THE HANDSET



Should your handset stop responding or have any type of interference issue it will need to be re-bound to the boat receiver.

#### **Transmitter Binding Cautions:**

When binding, the distance between the handset & boat needs to be under 1 meter.

Ensure there are no other handsets nearby also in bind-mode.

To cancel when the transmitter is linking, press 'Cancel' or 'Return' if necessary.

Enter the main menu by pressing the 'M' button on the left side of the handset and select the 'Linkage Setting' menu. Select the 'Link' option by using the touch screen or the toggle selector on the right side of the handset. Leave the handset on this setting until the boat is ready to link.

Remove the top cover of the boat and locate the receiver.

Turn the boat on and press and hold the 'SET' button on the receiver until the orange light begins to flash.

Go back to the handset that is already on the 'Link' setting and select the 'Start' button.

Once linking is complete, the receiver and handset will display a sold LED light.

Power the handset and boat down and back on again. If the link was successful, the boat will operate under input from the handset.





# TROUBLESHOOTING

Fault Description	Possible Causes	Solution
Handset not powering up	Battery connection	Check the battery is plugged into the handset correctly
(Press and hold power button for 2 seconds)	Low battery	Charge the battery using the micro-USB cable provided
Boat not responding to handset control	Low battery	Charge the boat batteries using the provided chargers
	Fuse (If fitted)	Check & replace fuse if necessary
	Motor fault	Check & replace motor if necessary
	Speed control fault	Check & replace speed control if necessary
	Un-bound handset	Re-bind the handset as per the guide on page 9
Boat powered up but is running completely out of control	GPS/Robot enabled	Ensure that the boat is in 'Manual mode' as per page 5 of this manual. The SC toggle switch needs to be in the 'up' position for manual mode.
		If GPS or Robot is not fitted to your boat, the 'SC' switch will always be in the 'up' position.
		If you have GPS or Robot fitted to your boat, ensure the module is correctly connected to your device before activating this feature. Failure to do so may result in the boat running out of control.
	Incorrect handset settings	Sometimes settings can be inadvertently changed whilst navigating the menu system of the handset. Please contact us at www.baitboat.co.uk for more help with this issue.

For any other issues please contact us at www.baitboat.co.uk and the team will be happy to help!

## INFORMATION & CAUTIONS

Charging time can take up to 12 hours depending on the previous useage.

If storing the batteries for a long period of time, charge the batteries fully before storing. For best battery maitenance it is advised to top up charge the batteries every 2 months whilst not being used.

Typically Lead Acid (Standard) batteries will last for 2-3 hours of use. Lithium batteries will last 3-4.

We recommend the purchase of spare additional batteries if you are going to be using the boat for a prolonged amount of time.

Store the batteries in a dry and ventilated place.

When charging your batteries, it is advised to keep them under supervision.

Keep batteries away from any direct heat source or direct sunlight.

We suggest lubricating your motors to maintain good and reliable operation.

If your boat is fitted with brushless motors, lubrication is not necessary

The inside of your bait boat should remain dry at all times. If any water ingress does occur, please be sure to dry any water as soon as possible

Avoid litter and weeds on the lake where possible. Fitting the weed guards included with your StrikeBoat will help protect your motors and props from becoming jammed.

A jammed motor may result in a blown fuse.

Any third party modifications or setting adjustments are carried out at your own risk and may void your manufacturers warranty.

Avoid operation close to objects that mat interfere with your boat, for example telephone poles or generators.

Only use your StrikeBoat in safe and lawful enviornments.

Contact www.strikeboat.co.uk if you require further assistance.

# NOTES



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