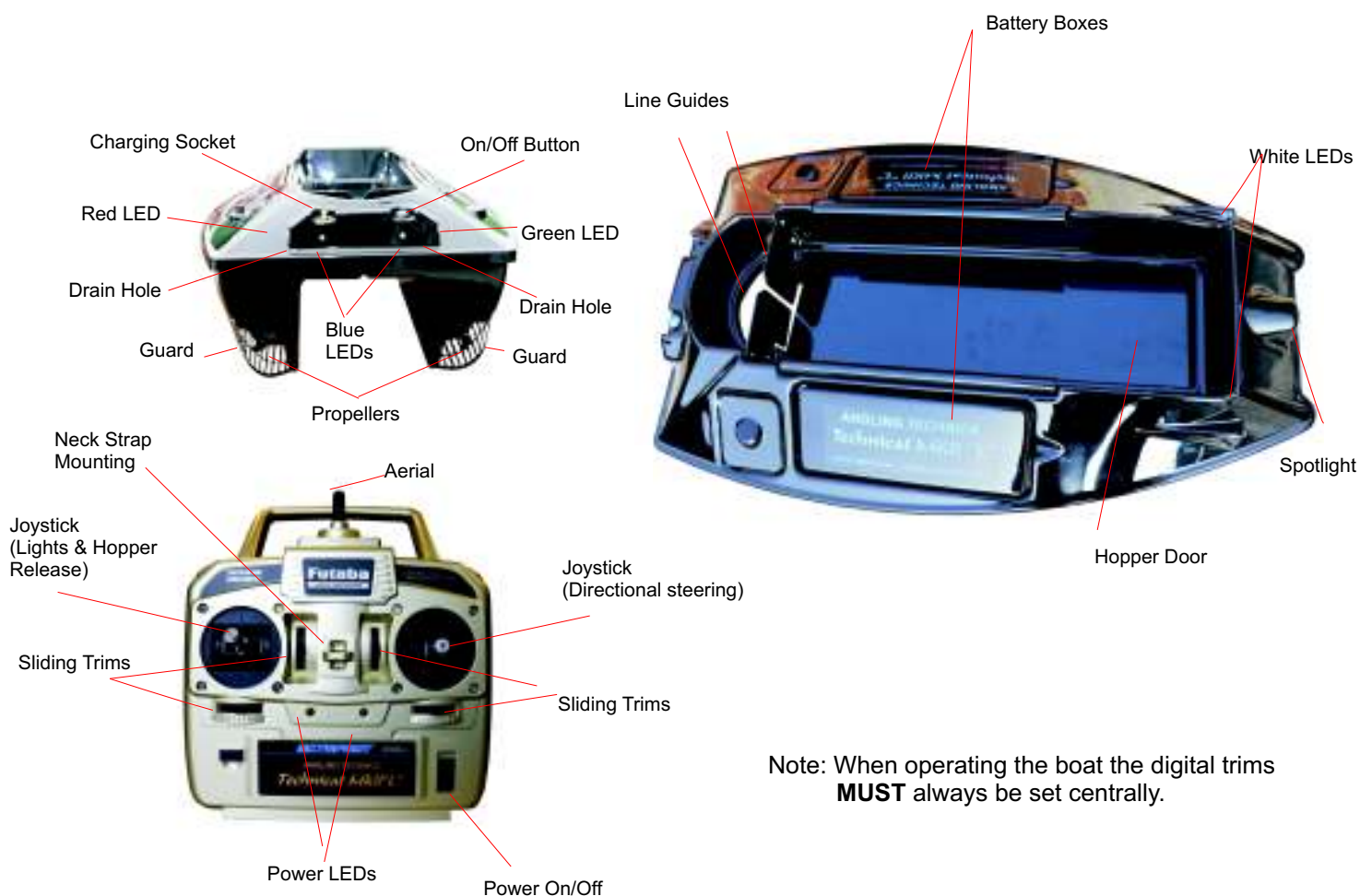


Angling Technics Limited

Technicat MkII - "L"

Thank you for purchasing this highly advanced fishing aid. Before you use it, please take a few moments to read these instructions..



Note: When operating the boat the digital trims **MUST** always be set centrally.

Operation Instructions:

1. There is no external boat aerial as it is fitted internally
2. The aerial on the transmitter has it's optimum operating position when the aerial tip is vertical. The transmitter is supplied with, and will operate for 24 hours, using 4 off Heavy Duty AA batteries ie. Duracell.
The batteries supplied are NOT rechargeable.
When the battery level falls to an unacceptable level an alarm will sound and the LED's will flash.
3. The transmitter features sliding trims. **Be very careful to ensure the sliding trims are not moved as this will result in the boat possibly losing some operations or not working correctly.**
4. Turn the Transmitter "ON".
5. Now turn "ON" the boat using the "ON/OFF" button. The navigation LED's will flash for 5-10 seconds while the boat registers itself to the transmitter and then the LED's will remain "ON" or will go "OFF" depending where the left hand joystick is vertically positioned.
6. When opening the door using the transmitter (not manually) then you **MUST** wait approximately 15-20 seconds for the door catch to return to it's natural position, if you force it's return manually, then you will stretch the door release mechanism.
7. To position your rig in the boat, pass the rig under the back of the boat and up through the open space behind the hopper compartment. Place the rig inside the hopper ensuring that the line passes through the space in the line guards. Load the rest of you free offering bait into the hopper.
8. Place the boat in the water and using the right-hand joystick steer the boat to it's destination. At the desired position release the bait and your rig by moving the left-hand joystick left or right.

9. When the hopper is released the boat LED's will go "off" (provided you are using the boat with the navigation lights "ON") until the joystick is back in the central position and the hopper has opened. The hopper can be operate independently of the other controls so you can have the option to release the bait while the boat is moving. When the bait and line has been released guide the boat back to you.
10. To get a minimum turning circle simply ensure the boat is not moving and move the right-hand joystick to the left or right (3 O'clock or 9 O'clock) leaving the joystick in the neutral position as far as the forward and reverse is concerned.
11. Moving the left-hand joystick (light control) fully back towards yourself will turn the navigation lights (LED's) to the "OFF" position. As you move the same joystick slowly forwards the navigation lights will come "ON" and gradually increase in brightness until they are fully "ON". On the last of the forward movement and when the lever is fully up the spotlight will come "ON".
When the LED's are "OFF" they will only come back "ON" at half power (dim) if the boat loses radio signal, and they will stay that way, and the boat will not move, until the radio signal is restored.
12. Remove the **Technicat MkII** from the water and gently close the hopper door. Switch "OFF" the boat by pressing the button again.
13. Switch "OFF" the transmitter.

Lights.

- Lights continuously "ON" - normal operation.
- Dim lights flashing - radio signal failure to the boat.
- Two /three second blink - hopper door operated.
- No lights - transmitter set to "NO LIGHTS" mode.

Additional Operating Notes.

- a. There is no mechanical rudder used in the boat. Its steering is achieved by altering the power to the motors.
- b. The positions of the transmitter control joysticks are directly proportional to the motor power.
- c. The boat possesses a very high degree of manoeuvrability, the maximum turning force being when the throttle joystick is in the central position and the rudder joystick is at extreme right or left.
- d. With the lights (LED's) set to the "OFF" position there is no visual indication that the hopper door have opened.
- e. If it appears that the boat is becoming exhausted and may not make it back to you, then let the boat drift for a while and the batteries will recover enough energy to make the return trip. You may need to do this a couple of times. It is recommended that a bankside or solar charger be used to top up the batteries after every trip, while at the bankside.
- f. If the weed guards become blocked the steering of the boat may become impossible. Putting the boat into reverse will not clear the weed guards. If the boat appears to have a blocked weed guard, let it drift for a while as the offending blockage may fall away from the weed guard.
- g. Should the boat take in water, holding the boat with its bow facing up should drain the water from the rear drain holes. This practice is recommended at all times.
- h. The boat can be used in wind and rain. If the situation gets very difficult while the boat is still on the water, it should be driven into or away from the wind whichever is most convenient.
- i. Do **NOT** use the boat in high winds and choppy conditions.
- j. If the transmitter is turned "OFF" while the boat is still "ON" the boat lights and motors may operate erratically, this is not good practise.
- k. The motors may be operated out of water without fear of damage, unless fouled by a blockage, which interferes with the propellers. **Never** try and remove anything that is fouling the propellers with the batteries still connected.
- l. It is important when the boat is not being charged that the supplied cover is placed over the charging socket. This will prevent anything entering the connector and will help prevent corrosion.
- m. Always pick up the boat gently as a fully loaded boat snatched up may cause excessive strain on the handle and hull structure.
- n. Whilst reversing the boat it may not reverse in a straight line, this is due to the shape of the rear of the boat. To get the best results inch the boat backwards while moving the right hand joystick to the left or right. This will provide steering in reverse.

Batteries & Charging: There is a mains powered charger supplied with the boat. The Boat charger is capable of charging the boats batteries from fully discharged to fully charged in 7-8 hours. **Please refer to the ALTechnologies “charging, storage & handling Lithium batteries” included with the batteries.**

Please always disconnect and remove the batteries when the boat is in storage or being transported.

Never leave the boat batteries on charge unattended.

The Transmitter is supplied with 4 off heavy duty non-rechargeable AA batteries, which will operate the transmitter for approximately 24 hours continuous use and will last longer if fitted with Duracell or similar.

Under no circumstances attempt to charge the boat batteries with a solar panel.

CARE OF YOUR EQUIPMENT.

1. Do **NOT** drop / severally knock the **Technicat MkII - L** as this may damage internal parts.
2. It is recommended that the boat be wiped down with a damp cloth and allowed to dry out any condensation in a warm and dry environment for a day or two with the battery boxes left out of the boat.
3. Although the electronics are sealed, it is important that the boat and transmitter be stored in a warm, dry place, in order to prevent condensation build up.
4. The transmitter should be protected from water / condensation at all times.

Fault Diagnosis

Problem	Cause	Action
Slow running motors	Boat battery(s) voltage low	Charge the boat battery(s)
Low radio range	Boat battery(s) need recharging Transmitter batteries - low charge	Charge the boat batteries Replace transmitter batteries
Motors run correctly but there is no movement	Weed guard(s) blocked	Clean weed guard(s)
Boat does not respond to transmitter control and appears “dead”	(a) Boat battery(s) is flat (b) Transmitter batteries are flat	(a) Charge the boat battery(s) (b) Replace transmitter batteries
Door open without command / boat is out of control	Radio interference from other sources	Check other boats users or interference could be the cause
Boat goes round in circles / difficult to steer	(a) Battery(s) low on boat (b) Blocked weed guard(s)	(a) Charge battery(s) (b) Clean weed guard(s)
Door will not open	Boat battery(s) low	Charge boat battery(s)
Door will not close	There is a delay of approx 15 secs between operating the door by radio and the catches returning to their natural position.	Wait for the door catches to return naturally

Angling Technics Ltd

Resetting the steering on the following boats. Microcat "HD", Technicat MkII & Procat MkIV

If the boat is not travelling straight when the doors are closed and the boat is empty please follow the instructions below to reset the steering.

Have all the sliding trims centrally positioned.

Have the left-hand joystick in the "Down" position (Lights Off) and move the left hand vertical sliding trim three quarters "up".

Switch the transmitter "on" and place the boat in the water and turn it "on" also.

Steer the boat so that it is travelling in a straight line.

You may have to also move the joystick slightly left or right to achieve that.

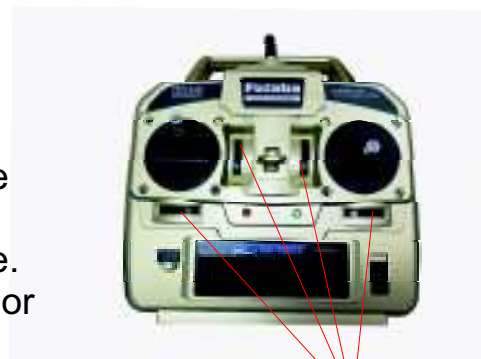
When the boat is travelling straight, take the left-hand joystick and move it fully up and down quickly. The lights on the boat should flash to let you know that it has memorised that.

If you have done the above correctly then the boat should now travel straight.

If the problem is still there or you have made it worse, then the above procedure can be repeated as often as you like.



Left-hand joystick with
Horizontal trim three
quarters up



Sliding
Trims