

AMINA MULTIFUNCTIONAL BAIT BOAT USER GUIDE



By being open-minded about new ideas, intensive researching and constant testing by the experienced designers and engineers, now we are proud to release onto the market the best value AMINA bait boat in the world. We hope that you will enjoy using this bait boat for many years. Before you use it, please take a few moments to read these instructions in conjunction with the radio control instructions and the video.

Thank you for purchasing AMINA multifunctional bait boat!

1. AMINA Bait Boat Pack Contents:

All Bait Boats come as standard with the following:

1. Bait boat 1pc
2. 6 Channel Remote control handset 1pc
3. 12V 10.0Ah lead-acid Rechargeable battery for the bait boat 1pc
4. Ni-MH AA 1500mAh 1.2V rechargeable battery for the remote control handset 8pcs
5. AC-DC 12V home charger for bait boat 1pc
6. AC-DC 12V home charger for handset 1pc

Bait boat optional accessories(not included):

1. Car charger for bait boat
2. Car charger for remote control handset
3. Solar panel charger including connectors
4. Spare batteries
5. Wireless fish finder (coming soon)
6. Lure hopper (coming soon)
7. Custom backpack for bait boat
8. Custom carry bag for remote control handset, batteries and chargers
9. Waterproof handset pouch
10. Solar panel bag

2. Technical Specifications:

Dimensions (L x W x H): 680mm * 490mm * 250mm

Weight: 8.5kg – including handset and batteries

Hoppers: 2 independent

Bait capacity: 4kg approx.

Maximum speed: 100meter/minute without weed guard, 60meter/minute with weed guard.

Electrical system: 12V DC

Range: 500 – 1000 meters depend on weather and environmental conditions.

Lights: 2 front, 2 rear, 1 port, 1 starboard, 4 battery status

Radio handset: 6 channel, 40 Mhz

Propulsion: 2 x maintenance-free propeller

Batteries: 12V/10AH lead-acid for bait boat, Ni-MH AA 1500mAh 1.2V rechargeable battery for the remote control handset.

Running time (at max speed): 2+ hours

3. Specification and Features

The bait boat comes with following outstanding features:

1. Thick 3D CAD designed, hydro-dynamically efficient trimaran ABS hull give excellent stability and increased buoyancy. The upper deck and the underwater part are fixed by stainless bolt, which makes the maintenance very easy. The waterproof silicon gasket between the upper deck and the underwater part makes the boat hulls totally sealed and ensures the boat 100% waterproof. The over molded handle provides comfortable carrying.
2. 40 Mhz FM 6 channel radio system- really superb range and less susceptible to interference. Boat handset range is 500m-1000m depend on weather and environmental conditions. Uses AA rechargeable batteries and handset charger comes as standard.
3. Microprocessor controlled variable speed in forward and reverse. Power to the motors is regulated through a microprocessor. This ensures the unrivalled maneuverability response, excellent agility and precision steering of the boat.
4. Built-in fail-safe ensures the boat remains within reach. When the signal is weak, the boat will stop going forward and make a big circle. This makes the boat come back to the range you can control instead of going out of range.
5. Internationally patented twin independent hoppers. The newest and dependable hopper release system makes the hopper door accurately fitted, excellent for all baits even the smallest particles. The two hoppers can be individually opened.
6. Internationally patented twin independent hook (rig) release system in the back can be individually controlled and take the rigs to the accurate spot you want.
7. Two quality direct drive motors and propellers provide extremely powerful propulsion and battery life- fast, efficient and quiet.
8. The stainless steel weed guards keep less susceptible to weeds/line.
9. On and off waterproof rocker switches. All switches and charging sockets are waterproof with charging socket for solar panel.
10. Two stainless steel weed guards keep less susceptible to weeds/line.
11. Six ultra high intensity LEDs including white, blue, yellow & green - visible at range even in daytime. LED navigation lights- rear (blue), port (red) and starboard (green). The port or starboard lights flash when bait hoppers are opened and confirm release of the bait.
12. Tri-colored battery condition meter in the back, giving accurate battery information.
13. Remote lighting control - All lights can be turned on and off from handset at range
14. Beeps and LED flash giving the battery condition of the handset.
15. Watertight removable battery system in the central hull provides easy access to change the battery. Changing the main boat battery takes only seconds.
16. Custom Backpack and hand set carry bag.
17. A lure hopper (coming soon) in the back comes as an optional. This is a revolution in the bait boat design.
18. Wireless fish finder (coming soon) is an optional to this bait boat.

4. Charging and Battery Maintenance

Notes:

- i) We suggest to use the chargers supplied by the bait boat manufacturer.
- ii) Please make sure that both the boat and Transmitter are switched off while being charged.
- iii) First charge of the new battery to fully charged will take approximately 8 hours.
- iv) First charge of the handset to fully charged will take approximately 8 hours.
- v) Dry cells (i.e. non-rechargeable batteries) may be used in the transmitter.

Charging the handset battery:

A. Charge the handset battery with home charger:



1. Place 8 AA batteries in the compartment on the back of the remote control and close the lid.
2. Plug the charger into the wall socket and connect the other end to the charging socket of your transmitter. A red light will light up. If the light on the charger is green, the battery is fully charged.

B. Charge the handset battery with car charger:



1. Place 8 Ni-MH AA batteries in the compartment on the back of the remote control and close the lid.
2. Plug the charger into the cigarette lighters and connect the other end to the charging socket of your transmitter. A red light will light up. If the light on the charger is green, the battery is fully charged.

C. Charge the handset battery with the solar panel charger:



1. Place 8 AA batteries in the compartment on the back of the remote control and close the lid.
2. Connect the plug from the solar panel to the charging socket of your transmitter.
3. Try to slant the panel 90 degrees to the sun to maximize the panel's solar exposure. Make sure the panel is out of shade.

Note: Sun hitting the panel at a low angle will greatly lower charge efficiency.

Charging the Lead-Acid battery:

A. Charge the Lead-Acid battery with home charger:



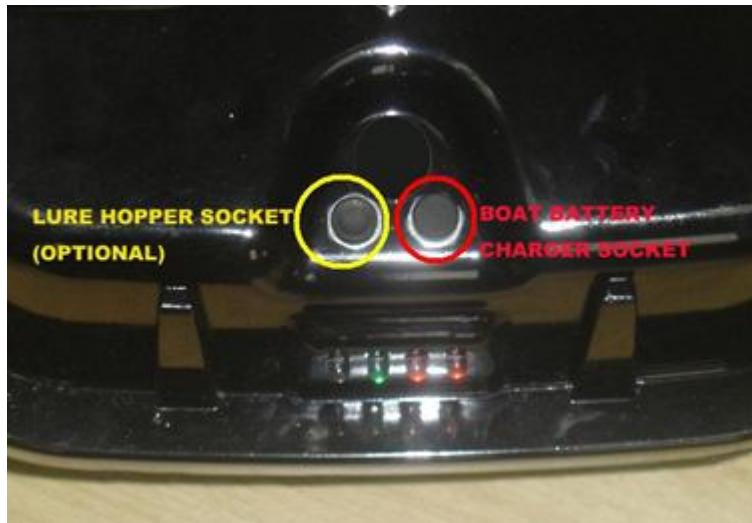
1. Connect the white connector of the battery wire to the white connector of the home charger. Plug the charger into the wall socket. A red light will light up.
2. If the light on the charger is green, the battery is fully charged.

B. Charge the Lead-Acid battery with solar panel charger:



1. Connect the white connector of the battery wire to the white connector of the solar panel wire.
2. Try to slant the panel 90 degrees to the sun to maximize the panel's solar exposure. Make sure the panel is out of shade.

Note: Sun hitting the panel at a low angle will greatly lower charge efficiency.



With the charging socket in the boat, you can charge the Lead-Acid battery directly with the chargers and you don't have to take the battery out of the boat but please be sure that the power switch is off.

5. Operation:

A. Handset

**MOTOR TRIM: BALANCE THE TWO MOTOR'S SPEED
AND KEEP THE BOAT GOES STRAIGHT.**



- a. Go forward: push the right hand joystick forward.
- b. Go reverse: push the right hand joystick backward.
- c. Turn left: push the right hand joystick right.
- d. Turn right: push the right hand joystick left.
- e. Turn left: push the right hand joystick right.
- f. Turn right: push the right hand joystick left.
- f. Open the left bait hopper: push the left hand joystick left.
- g. Open the right bait hopper: push the left hand joystick right.
- h. Release the left rig (hook): push the left hand joystick up.
- i. Release the right rig (hook): push the left hand joystick down.
- j. Motor trim: balance the motors' speed and keep the boat goes straight.
- k. Lights on/off: Turn on/off the lights from range.

- I. Lure hopper on/off: run the optional lure hopper in the back of the boat.

B. Bait Boat



ALL LIGHTS CAN BE TURNED ON/OFF BY THE SWITCH ON HANDSET.



C. Load and dump the bait. Left hand joystick operates the bait hopper doors.

- a. Close the hopper doors manually by moving the doors upward from below.
- b. Load either or both bait hoppers with your favorite particles.
- c. Moving the left hand joystick to the left will drop the left bait hopper door. The port navigation light will flash simultaneously.

- d. Moving the left hand joystick to the right will drop the right bait hopper door. The starboard navigation light will flash simultaneously.

D. Load and release the rigs.

- a. Insert your line(s), rigs or hooks on either or both rigs holder in the back of the bait boat.
- b. Moving the left hand joystick up will drop the left rigs. The port navigation light will flash simultaneously.
- c. Moving the left hand joystick down will drop the right rigs. The starboard navigation light will flash simultaneously.

E. Sail the boat.

- a. Turn on the radio control transmitter (handset).
- b. Turn on the boat by pressing the on and off waterproof rocker switches.
- c. Place the boat in the water and sail to the desired destination.

NOTE:

*Always turn the handset on first and then the boat. To turn off - turn off the boat and then the handset. This will ensure that you are always in control of the boat. Basically the handset is the brains for the boat, if the battery becomes low you may lose control of the boat.

*The boat is steered by increasing or decreasing the right joystick. Pushing the joystick full quickly will put more stress on the electrical components. On full speed the boat will give approx 2-hour use. By decreasing the speed slightly on the joysticks the boat is still very quick but the battery life will increase up to 3-4 hours.

F. Trim the motor.

It is probable that the boat will not drive absolutely straight as a result of the rotation of water within the pumps, differing loads, winds and water conditions. The motor trim knot on the up-left of the remote control handset has little effect on either motor. Continued correction using the motor trim knot is therefore necessary for straight line running.

- a. Turn the motor trim knot anticlockwise, the boat will turn left.
- b. Turn the motor trim knot deasil, the boat will turn right.

G. Turn on/off the lights.

- a. To turn the on/off with the top right ON/OFF switch.
- b. The two front lights will only work when the boat is driving forward.

H. Return the boat to the bank side.

- a. Do not stop or pick up the boat by the aerial, as damage will occur.
- b. Switch off the boat, then the transmitter.

Fail-safe: The Range of the boat is 500m-1000m depend on weather and environmental conditions. In case the signal is weak, the boat will no longer go forward but make a big circle and come back to the range you can control.

Additional notes

- i) It is important that the transmitter is not turned off before the boat.
- ii) Continued starting, stopping & reversing of the boat is expensive on battery life. Smooth operation at all times is recommended in order to ensure a running time of approximately 2hours.
- iii) Even though the AMINA bait boat is waterproof, condensation may make the inside of the boat a bit damp during use. It is recommended that the Bait boat be cleaned with a damp cloth after use. It is important that the bait boat and remote control handset be stored in a warm and dry place when not in use, in order to prevent condensation build up.
- iv) After use ensures all batteries are fully charged before you pack the boat away for the next trip. Once every two months, Give them an overnight charge to ensure the battery remains fully charged to prolong their economic life. The boat and transmitter batteries should be stored outside the boat and handset. If the boat is not going to be used for some months then every 2-3 months give the boat
- v) It is recommended that a bankside or solar charger be used to top up the battery after every trip.
- vi) The transmitter should be protected from water at all times.
- vii) It is advisable not to leave the boat in direct sunlight. Because the boat is black it absorbs the suns energy and can get extremely hot causing condensation at night.