



# Yamaha AR230 Wakeboard Boat

## Catalog #60-4378

Thank you for buying a RadioShack Wakeboard Boat. Built to 1/19.5 scale from the original Yamaha AR230 Wakeboard Boat. Its stylish design, is able to turn heads at your swimming pool or pond. The Wakeboard Boat is perfect for beginning racers, ages six and up.

### Batteries

Your Wakeboard Boat needs the following for power (not supplied, available at your local RadioShack store or online at [www.radioshack.com](http://www.radioshack.com)).

- At least one 9.6-volt rechargeable nickel-cadmium (Ni-Cd) or nickel-metal hydride (Ni-MH) battery pack for the boat
- One 9-volt battery for the transmitter
- A battery pack charger

#### In the Transmitter

We recommend a RadioShack 9-volt alkaline battery.

1. Slide **ON/OFF** on the transmitter to **OFF**.
2. Use a Phillips screwdriver to loosen the screw on the battery compartment cover, and then remove the cover.
3. Put the battery in the compartment as indicated by the polarity symbols (+ and -) marked inside.
4. Replace the battery cover and secure it with the screw.



When the transmitter's range decreases, replace its battery.

#### In the Wakeboard Boat

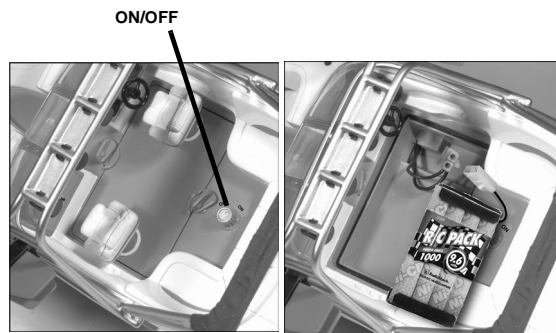
Before you use the 9.6-volt battery pack, you must charge it using a battery charger. Follow the charger's directions to charge the battery pack.

1. To protect the propeller while you install the battery, place the Wakeboard Boat on the supplied stand.
2. Rotate **ON/OFF** on the top of the Wakeboard Boat to **OFF**.
3. Turn the latches (adjacent to the seats) on the battery compartment cover of the Wakeboard Boat counterclockwise until they stop, and then lift the seat to remove the cover.
4. Attach the battery pack's connector to the Wakeboard Boat's matching connector. Do not force them! They fit together only one way.
5. Carefully tuck the battery wire into the battery compartment. Then replace the seat and secure it by turning the latches clockwise until they stop.

When the Wakeboard Boat moves slowly or not at all, change the 9.6V battery pack or recharge it according to the battery charger's instructions.

#### BATTERY NOTES

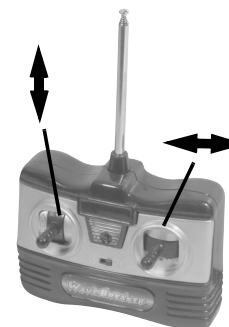
- Dispose of old batteries promptly and properly.
- Do not burn or bury batteries.
- Use only fresh batteries of the required size and recommended type. Use only the recommended battery pack and charger.
- If you do not plan to use the boat for ten days or longer, remove the batteries. Batteries can leak chemicals that can damage electronic parts.
- Do not charge or recharge the battery while it is in the boat.
- Do not overcharge the battery. Overcharging the battery pack might damage it.
- Do not recharge a battery pack immediately after use (while it is still hot). Allow it to cool first.
- Make sure the battery compartment cover is securely fastened to the boat before sailing.
- When you disconnect the battery pack from the charger, do not pull on the connector's wires. This might cause damage to the battery.



### Operation

#### Sailing the Wakeboard Boat

1. Screw the antenna into the transmitter. For maximum range, hold the transmitter as high as possible with the antenna fully extended and pointing straight up.
2. Attach the wakeboards to the tower.
3. Rotate **ON/OFF** on the boat to **ON**, then put it in the water.
4. Slide **ON/OFF** on the transmitter to **ON**. The indicator on the transmitter lights.
5. Use the transmitter's control levers to drive and steer the boat.



#### Left Control Lever

Push up to move the boat forward, push down to move the boat backward, and release to stop.

#### Right Control Lever

Push left to turn the boat left and push right to turn the boat right, release to go straight.

When you finish sailing the boat, take it out of the water and set **ON/OFF** on the boat and the transmitter to **OFF**.

After operating the boat, turn it upside down so the drain hole on the deck points toward the ground to drain any water that may have entered the boat. Dry your boat thoroughly before you store it. Leave its battery compartment cover open while in storage to allow any moisture to evaporate.

**NOTE:** THE WAKEBOARD BOAT IS NOT DESIGNED TO BE USED IN OCEANS, RIVERS, LAKES OR STREAMS. FOR BEST RESULTS, USE THE WAKEBOARD BOAT IN A SWIMMING POOL OR POND.

#### Helpful Hints

- Running your wakeboard boat continuously for long periods generates high heat levels. Heat causes wear and tear on the motor. To help keep heat levels down, when your boat's batteries die, let the boat cool at least 10 minutes before installing a newly-charged battery pack.
- The boat is equipped with a bilge pump to automatically expel water from the boat when the boat turns left or right.
- Keep the boat away from grass growing in the water and other debris that could cause propeller damage. These items can jam the boat's propellers and stop them.
- If the boat moves slowly and you have installed a fresh battery pack, check the propellers for debris.
- You cannot operate your boat near devices with transmitters that use the same frequency as your boat (27 MHz).
- When the batteries begin to lose power, the boat slows down. So you don't lose your boat, guide it to shore as soon as you notice it slowing down.
- If someone uses a CB nearby, it might interfere with control of the boat. If this happens, move the boat and transmitter away from the CB.
- To detach the tower from the boat, pull the two sides of the tower away from the boat.

### FCC Information

#### FCC Declaration of Conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Product:	Yamaha AR230 Wakeboarding Boat
Model:	60-4378
Responsible Party:	RadioShack 100 Throckmorton Fort Worth, TX 76102
Phone:	817-415-3200

#### The FCC Wants You to Know

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the *FCC Rules*. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult your local RadioShack store or an experienced radio/TV technician for help.
- If you cannot eliminate the interference, the FCC requires that you stop using your boat.

Changes or modifications not expressly approved by RadioShack may cause interference and void the user's authority to operate the equipment.

### Safety Precautions

- Any batteries purchased for use in this toy may pose a hazard to children. Please check safety notice supplied with batteries before use.
- **NEVER** touch the propellers while they are spinning, and never put your fingers near the propellers when **ON/OFF** is set to **ON**.
- When the Wakeboard Boat goes outside the transmitter's control range, it stops. Hold the transmitter as high as possible with the antenna vertical to try to re-establish contact. If you cannot, you must move closer to the Wakeboard Boat to control it again, but be careful not to wade into deep water.
- As with any product designed to be used in and around water, children playing with this toy should be supervised by an adult.

### Limited 90 Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

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**Important:** The EPA certified RBRC® Battery Recycling Seal on the nickel-cadmium (Ni-Cd) battery indicates RadioShack is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service in the United States or Canada. The RBRC program provides a convenient alternative to placing used Ni-Cd batteries into the trash or the municipal waste stream, which may be illegal in your area. Please call 1-800-THE-SHACK (1-800-843-7422) for information on Ni-Cd battery recycling and disposal bans/restrictions in your area. RadioShack's involvement in this program is part of the company's commitment to preserving our environment and conserving our natural resources.



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