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**CAT NO. 60-4323
OWNER'S MANUAL**

REVISED

Reef Skimmer

FEATURES

NOTE

You need these items (available at your local RadioShack store) to own your Reef Skimmer

One 9-volt battery for the transmitter.
9.6V battery Pack for the boat

THE FCC WANTS YOU TO KNOW

Your Reef Skimmer or transmitter might cause TV or radio interference even when they are operating properly.

To determine whether your Reef Skimmer and transmitter are causing the interference, turn them off. If the interference goes away, your Reef Skimmer or transmitter are causing it. Try to eliminate the interference by:

- * moving your Reef Skimmer and transmitter away from the TV or radio
- * contacting your local Radio Shack store for help.

If you cannot eliminate the interference, the FCC require that you stop using your Reef transmitter.

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

Warning : Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

NOTE: 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.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is needed.
- Consult the dealer or an experienced radio/TV technician for help

WARNING

Your Reef Skimmer can reach higher speeds than most other radio controlled.

Be careful when you use the boat to avoid high-impact collisions with people and objects.

PREPARATION

INSTALLING BATTERIES

CAUTIONS

- Use only a fresh battery of the required size and recommended type.
- If you do not plan to use the boat for a week or more, remove the battery from the transmitter and the batteries from the boat.
Batteries can leak chemicals that can damage electronic parts.
- Never leave dead or weak batteries in the transmitter or the boat.
- Dispose of batteries and the battery promptly and properly; do not bury or burn them.

ATTACHING THE TRANSMITTER'S ANTENNA

Thread the antenna into the transmitter's antenna connector.

Make sure the connection is tight.

IN THE TRANSMITTER

You need one 9-volt battery to power the transmitter.

For the best performance and longest life, we recommend a RadioShack alkaline battery.

1. Slide the transmitter's OFF/ON switch to OFF.
2. Slide the battery compartment cover in the direction of the arrow marked on it and lift it off.
3. Put the battery in the compartment as indicated by the polarity symbols(+and-) marked inside.
4. Replace the cover and snap it shut..
5. Slide the transmitter's OFF/ON switch to ON

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

FIGURE

Place the rider on the seat of the boat.

His hands onto the handles.

INSTALLING THE ANTENNA TUBE

The antenna tube holds up the boat's antenna wire for the best reception and range. Route the wire's loose end through the tube. Then push the tube securely into the boat's antenna tube holder.

IN THE BOAT

You need 9.6V battery pack to power the motor.

1. Turn the latch on the sheet, then take off the sheet.
2. Turn the latch on the battery compartment cover, then open the cover.
3. Attached the battery pack to the boat's matching connector.
Do not force them together. They only fit one way.
4. Replace the battery cover and turn the latch.
Replace the sheet and turn the latch.

As the boat loses power, its turns become wider. When this happens, change the batteries.

Note

If you want to drive your Reef Skimmer for long periods of time, we suggest that you put an extra batteries.

Cautions

- Use only the recommended batteries.

Driving the Boat

Warnings:

- This boat can reach high speeds than most radio-controlled boats. Be careful when you use the boat to avoid high impact collisions with people and objects.
- Do not use your boat in strong currents, in salt water, or in any body of water with life.
- Never touch the propeller while it is spinning, and never put your fingers near the propeller when the boat's ON/OFF switch is turned to ON.
- Never play with your boat in strong winds.
- Never play outside during thunderstorms.

Cautions:

- Always turn on the transmitter first, then the boat, and turn off the boat first then the transmitter. Otherwise, your boat might pick up other radio waves and start moving while the transmitter is OFF. Should this happen, immediately turn on the transmitter to bring the boat under your control.
- Do not let the boat run aground. 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 propeller and push the boat away from the shore.
- When the batteries begin to lose power the boat slows down. To be sure the boat can reach the shore, guide it in as soon as you notice it slowing down.
- When you finished playing, turn the boat and transmitter on/off switch to OFF.
- Remove all batteries from the boat and transmitter. Then turn over and lean the boat to remove the drain cap from the drain hole, empty any water from the hull and dry the boat thoroughly before you store it.
- Do not leave your boat in the water when you finish playing. Water might seep into the boat and damage electronic parts. When you are not playing with the boat, place it on the supplied stand to protect the boat from damage.

FUNCTION

Left Control Lever — Moves the boat forward or backward.

Right Control Lever — Turns the boat left or right

ADJUSTING THE RUDDER ALIGNMENT

If the boat does not drive in a straight line when you release the right control lever, adjust the rudder alignment control on the back of the sheet. Rotate the control toward L if the boat is pulling to the right. Rotate the control toward R if the boat is pulling to the left.

CARE

Never play with your boat in salt water: doing so might rust its parts.
Do not expose the boat to temperature extremes.
Wipe the boat clean with a dry towel after playing.

Do not use chemicals on the boat as they can damage the body
Do not leave the boat or transmitter outside overnight.
Dampness can damage their electronic circuits.

Modifying or tampering with the boat's or transmitter's internal components can cause malfunction and might invalidate the warranty and void your FCC authorization to operate. If your car does not work properly, take it to your local RadioShack store for assistance.

Your boat and transmitter might cause TV or radio interference even when they are operating properly. To determine whether your vehicle and transmitter are causing the interference, turn them off. If the interference goes away, your boat and transmitter are causing it. Try to eliminate the interference by:

- Moving your boat and transmitter away from the TV or radio
- Contacting your local RadioShack store for help.

If you cannot eliminate the interference, the FCC requires that you stop using your Reef Skimmer and transmitter.

USER-REPLACEABLE PARTS

You can order these easily replaceable parts for your boat at your local RadioShack store. Simply identify the part(s) you need from this exploded view, then find the part number in the list.

Ref No.	Description	RSU #	NP Parts #
1	Boat		
2	Battery Cover for Boat		
3	Seat		
4	Fin L		
5	Fin R		
6	Figure		
7	Stand		
8	Antenna Tube		
9	Transmitter		
10	Battery Cover for TX		
11	Antenne for TX		

12			
13			

Not shown in exploded view