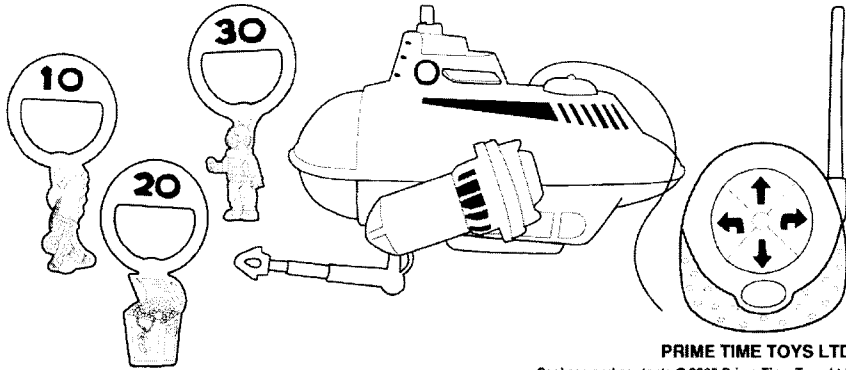


# Underwater Explorer

Age 8+  
Item #8415  
**PRIME TIME**



**PRIME TIME TOYS LTD.**

Package and contents © 2005 Prime Time Toys Ltd.,  
Suite 5, 2/F., Kwong Sang Hong Centre, 151 Hoi Bun Road, Kwun Tong,  
Hong Kong. All Rights Reserved. Product  
specifications subject to change without notice.  
Safety tested: Meets or exceeds ASTM F963.

Read this manual carefully before play  
Keep this manual for future reference

## GETTING READY • An adult should install and replace batteries

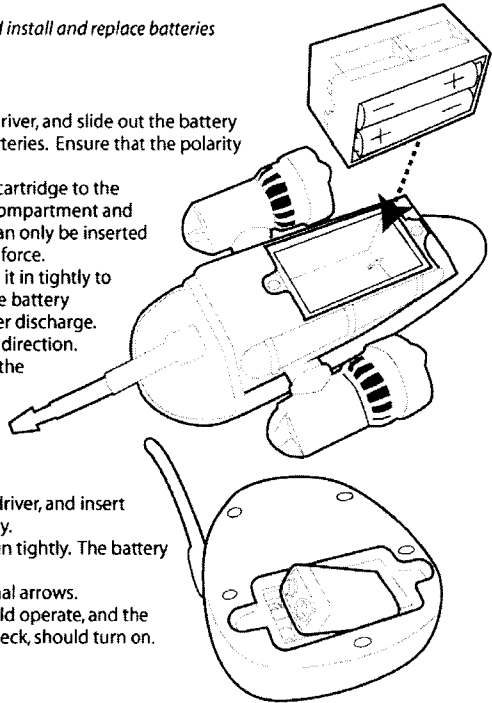
### Explorer

1. Remove battery door with a screwdriver, and slide out the battery cartridge. Insert 4 x AA alkaline batteries. Ensure that the polarity is correct.
2. Align the groove at one end of the cartridge to the corresponding wall in the battery compartment and insert the cartridge. The cartridge can only be inserted in one direction. Do not jam it in by force.
3. Replace the battery door and screw it in tightly to prevent water seepage. Water in the battery compartment will cause rapid power discharge. The battery door can only fit in one direction.
4. Pull down the periscope to turn on the power. The red light at the rear of the conning tower should turn on.

### Controller

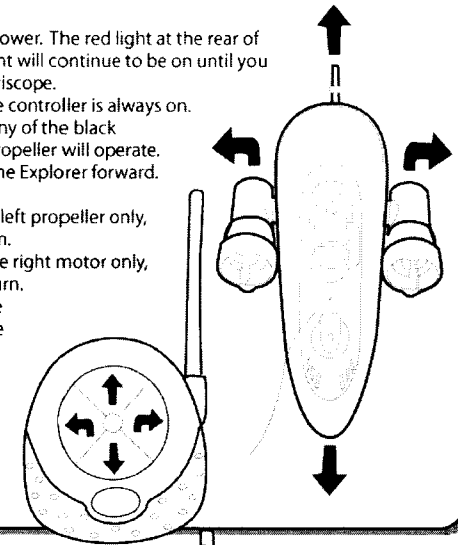
1. Remove battery door with a screwdriver, and insert 1 x 9V battery; in the correct polarity.
2. Replace battery cover and screw it in tightly. The battery door can only fit in one direction.
3. Press any one of the black directional arrows. The corresponding propellers should operate, and the front light, under the observation deck, should turn on.

You are ready to play.



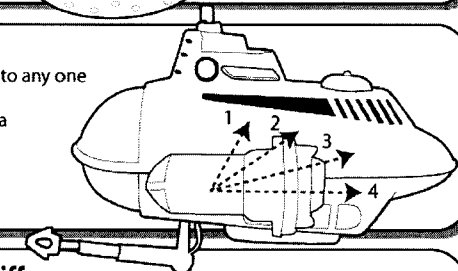
## Controlling The Explorer

1. Press down the periscope to turn on the power. The red light at the rear of the conning tower should turn on. This light will continue to be on until you switch off the power by pulling up the periscope.
2. Once the 9V battery has been inserted, the controller is always on. Check the battery condition by pressing any of the black directional buttons. The corresponding propeller will operate.
3. Depressing the forward arrow will move the Explorer forward. Both propellers will operate.
4. Depressing the left arrow will operate the left propeller only, and the Explorer will make a sharp left turn.
5. Depressing the right arrow will operate the right motor only, and the Explorer will make a sharp right turn.
6. Depressing the back arrow will reverse the directional spin of both propellers, and the Explorer will move backwards.
7. Not depressing any buttons will cause the propellers to stop, and the Explorer will slowly float vertically to the surface.
8. If the Explorer does not move forward straight, manually adjust the angle of the rudders until you have achieved the desired result.



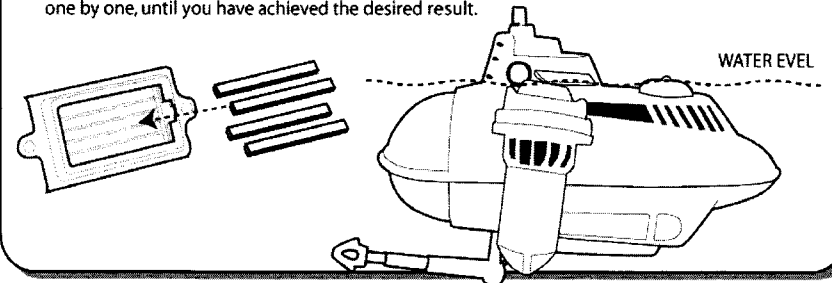
## Controlling The Angle Of Dive

1. Each propeller arm can be tilted manually to any one of 4 positions.
2. Position 1 will cause the Explorer to make a steep dive.
3. Positions 2 and 3 will give less steep dives.
4. Position 4 will make the Explorer move horizontally.



## Adjusting For Water Buoyancy Differences

1. The diving weight container is located on the outside of the battery cover. There are 4 metal weights inside.
2. Firstly, immerse the Explorer completely into the water and shake it gently to remove all internal air bubbles.
3. Secondly, check that the water surface is approximately level with the horizontal fins of the conning tower. The water surface should be above the height of propellers when they are in Position 1. This would enable the Explorer to perform a steep dive. Remove the metal weights, one by one, until you have achieved the desired result.



## How To Play

1. Toss the scores into the water. They will sink to the pool bottom and stand upright.
2. Maneuver the Explorer towards the desired score, and thread the pick-up arm through the loop of the score.
3. Return the Explorer to yourself, remove the score, and repeat until you have retrieved all three scores.
4. The Explorer comes in two radio frequencies; 27 MHz and 49 MHz. You could compete with an Explorer of a different frequency for the scores. Each of the scores has a different value. Pick up the most to win!

## Same common Questions

Question	Possible Reason	What To Do
Explorer does not move	Batteries are not installed properly	Check for correct batteries polarity; and all batteries are making contact with the metal tabs
	Metal tab in battery compartment is rusted	Clean with sandpaper to remove rust
	Batteries in either Explorer or controller have run out of power	Replace with new batteries
	Explorer's propeller are clogged	Remove debris from propeller
	Explorer is too far away from controller	Move closer
Explorer does not submerge	Explorer is not turned on	Press down periscope to turn "ON"
	Batteries are too weak	Replace with new alkaline batteries
	Explorer is too far away	Move closer
	Propellers above water line	Either add weights or position propellers at less steep angle
Explorer does not respond properly	Radio interference	Change location
	Another Explorer on the same frequency	Play with only one Explorer on the same frequency
	Weak controller battery	Replace battery

## Caution

1. Only to be used in water in which the child is within its depth, and under competent adult supervision. Never leave children unattended. Exercise care when entering and leaving the pool. Not suitable for children under 36 months due to small parts which may pose a choking hazard.
2. Do not operate during thunderstorms.
3. The Explorer is operated by radio waves. It is possible the unit may not perform properly due to interference from nearby devices such as a cordless phone, hair dryer, radio, walkie-talkie or other radio-controlled toys. Just choose a different time or place to operate the Explorer.
4. Operate the Explorer only in clean water. Do not operate the Explorer in the sea, or in a hot spa. Salt water will corrode the contacts, and hot spas will damage the waterproof seals.
5. Avoid operating the Explorer in ponds or lakes where foreign particles like plants, sand, mud, pebbles, etc., could impede moving gears or propellers.
6. Keep fingers, hair, and loose clothing away from the propellers while the Explorer is switched on.
7. The controller is water-resistant. If dropped into the water, it will float back to the surface. It is not water-proof, and should not be left in the water.
8. Remove the Explorer from the water after play, and remember to switch off the power. Drain all water off and wipe with a dry cloth.
9. Always ensure that the battery compartments are dry.
10. The Explorer has electronic components. Do not drop or treat it roughly.
11. The Explorer can dive up to 6 ft. (2.4 m). However, the battery drain is higher when the Explorer is continuously operated at that depth.

## Safe Battery Precautions

- Do not dispose of batteries in fire. Batteries may leak or explode.
- Different types of batteries or new and used batteries are not to be mixed.
- Only batteries of the same or equivalent types as recommended are to be used.
- The supply terminals are not to be short-circuited.
- Rechargeable batteries are to be charged under adult supervision.
- When not in use for extended time, remove batteries to prevent possible leakage.
- Batteries are to be inserted in the correct polarity.
- Exhausted batteries are to be removed from the toy.
- Batteries should be replaced by an adult.

## FCC STATEMENT :

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.

### Warning:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's 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 to 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.

**PLEASE KEEP THIS INSTRUCTION SHEET SINCE IT CONTAINS IMPORTANT INFORMATION.**