

# Submersible Submarine

(((( RADIO CONTROL )))))

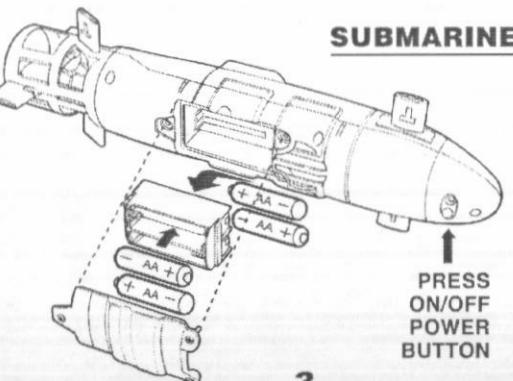
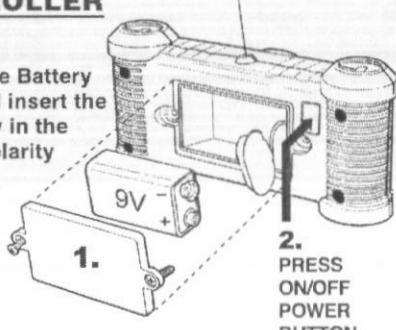
AGES 8+

## GETTING READY FOR PLAY \*

### INSTALL BATTERIES & TURN ON POWER

#### CONTROLLER

1. Remove Battery Cover and insert the 9V Battery in the correct polarity as shown. Replace Cover.

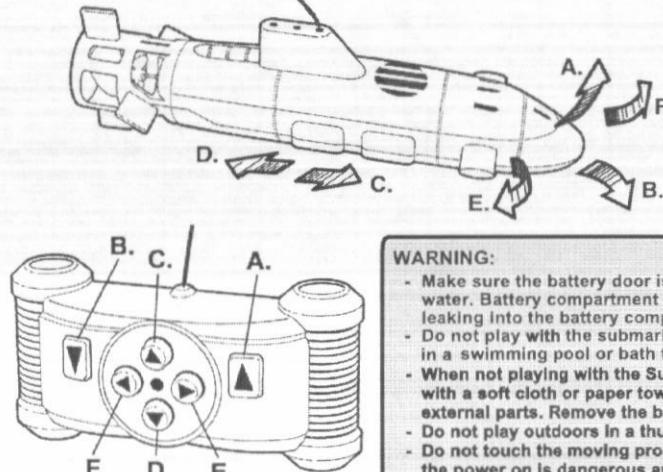


3. Remove battery Cover and slide out the Battery Cartridge. Insert 4 "AA" Alkaline Batteries in the correct polarity as shown. Re-Insert the Battery Cartridge and close the Cover tightly. Adult should assemble the battery door firmly while replacing batteries.

4. Press the ON/OFF Power Button. The LED will light up indicating power is ON and the Submarine is ready for play.

\*ADULT SUPERVISION AND ASSISTANCE IS REQUIRED TO PREPARE SUBMARINE FOR PLAY

## HOW TO CONTROL YOUR SUBMARINE



### STEERING COMMANDS

- A. Ascend: rise to the surface.
- B. Descend: dive and forward movement.
- C. Forward: straight ahead.
- D. Reverse: straight backward.

### COMBINATION COMMANDS

- Forward Right turn: Press C & E.
- Forward Left turn: Press C & F.
- Reverse Right turn: Press D & E.
- Reverse Left turn: Press D & F.
- Forward, Right or Left, dive: Press C, E or F, and B.
- Forward, Right or Left, ascend: Press C, E or F, and A.
- Reverse, Right or Left, dive: Press D, E or F and B.
- Reverse, Right or Left, ascend: Press D, E or F, and A.

- DO NOT MIX OLD AND NEW BATTERIES.
- DO NOT MIX ALKALINE, STANDARD (CARBON-ZINC), OR RECHARGEABLE (NICKEL-CADMIUM) BATTERIES.

MADE IN CHINA

ITEM NO.13000

### OMNI-DIRECTIONAL MANEUVERABILITY

You now control the ultimate in Submersible Submarines. You can DIVE. You can ASCEND upward, back to the surface. FORWARD, REVERSE, and RIGHT or LEFT Turning are Radio Controlled signals transmitted with immediate reactions from your Controller.

### WARNING:

- Make sure the battery door is closed tightly before placing the submarine in the water. Battery compartment door must be sealed water-tight to prevent water leaking into the battery compartment.
- Do not play with the submarine in salt water or beach. Clear, clean water such as in a swimming pool or bath tub is the best performance environment.
- When not playing with the Submarine, remove it from the water. Dry the submarine with a soft cloth or paper towel wiping off all moisture. Remove any debris from external parts. Remove the batteries before storing.
- Do not play outdoors in a thunderstorm.
- Do not touch the moving propellers with your hand. Stopping the propellers with the power on is dangerous and may cause a short circuit or burn out the motor.
- Do not get the batteries wet as it will cause a short circuit.

### FCC RULES - PART 15

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 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 connected.
- Consult the dealer or an experienced radio/TV technician for help.

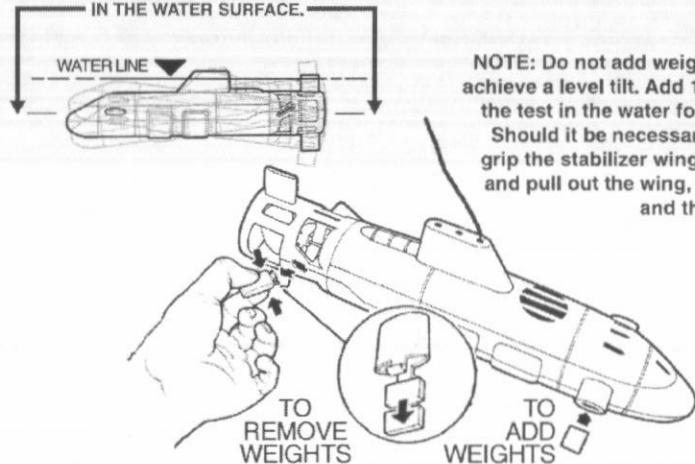
## PLEASE NOTE-YOUR SUBMARINE IS PRE-BALANCED

Your Submarine has been pre-balanced in a level floating position for play in a clear water pool. Weights have been added to assure a level floating position. Water density and geographic elevation may effect the floating position. Should the position be tilted, adjustments can be made by removing or adding the weights provided in the method described below to achieve a level position.

## ADJUSTING THE TILT-ADDING OR DEDUCTING WEIGHT

The Submarine should float levelly in the water. If the Front tips upward or the Rear tips upward, you can add weight to the Front or Rear stabilizer wings to achieve a level position.

SUBMARINE MUST FLOAT LEVELLY IN THE WATER SURFACE.



To add weight and lower either the front or rear of the submarine, making it level in the water, push the weights provided through the end slots in the appropriate stabilizer wing. Add the correct size weight bars supplied.

**NOTE:** Do not add weights if not required to achieve a level tilt. Add 1 weight at a time and the test in the water for the correct tilt level. Should it be necessary to remove weights, grip the stabilizer wing at its base, squeeze and pull out the wing, Slide out the weights and then replace the wing.

## PERFORMANCE FACTORS

### LOCATION FOR BEST PERFORMANCE

Clear, clean water such as found in a swimming pool is the best performance environment. Salt water, soapy water, muddy, or impure water is not suitable and may result in poor performance. Adults should supervise children as playing near water always requires cautious and responsible play.

### BEST OPERATING DISTANCE

Radio Control distance should not exceed 15 feet (5 meters).

### BEST OPERATING DEPTH

The Submarine performs best at 3 to 4 feet depth (1 meter). Do not dive the Submarine below this depth.

### REMOVE AIR BUBBLES

Air bubbles trapped inside the item will effect performance. To remove these air bubbles, submerge the Submarine and then gently shake from side to side until no bubbles emerge.

# Submersible Submarine (Radio Control)

## HOW TO IMPROVE PERFORMANCE - TROUBLE SHOOTING TIPS

Problem	Likely Cause	Solution
Submarine does not move	Submarine batteries not installed properly.	Check if polarity on batteries is correct and all batteries are making proper contact.
	Submarine batteries weak	Replace with fresh alkaline batteries.
	Submarine switch not "ON"	Push ON/OFF switch and the "ON" LED will light up.
	Remote controller battery not installed properly.	Check for proper fit of snap-on contact clip.
	Remote controller battery weak	Replace with fresh alkaline battery.
	Remote controller switch not "ON"	Push ON/OFF switch and the "ON" LED will light up.
	Submarine's propellers are jammed.	Remove any debris from the propellers.
Submarine will not submerge even though the "DIVE" button is pressed.	Submarine batteries are weak or out of radio control range.	Replace with fresh alkaline batteries or, when possible to do so safely, move closer to the submarine.
	The weight of battery is too light.	Add extra weights (supplied) to the battery compartment. See ADDING WEIGHT INSTRUCTIONS.
Short range operation - Signal is good for only short distance.	Radio interference	Change location of operation.
	2 submarines on the same frequency	Operate only 1 submarine per frequency.
	Weak transmitter battery	Replace battery in remote controller with fresh alkaline battery.

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**IMPORTANT: SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.**