**Silverlit 82418**

# Silverlit Spy Cam Aqua Submarine Model 82418 Instruction Manual

## 1. PRODUCT OVERVIEW

The Silverlit Spy Cam Aqua Submarine is a 3-channel infrared controlled submersible vehicle equipped with a built-in camera for capturing underwater photos and videos. Designed for use in bathtubs or freshwater fish tanks, it offers versatile movement capabilities including floating, diving, climbing, moving forward and backward, and turning left and right. It also features two LED spotlights for illumination and a detachable fish feeder arm.

## 2. SAFETY INFORMATION

- This product is recommended for ages 5 years and up. Adult supervision is advised.
- Use only in fresh water environments such as bathtubs or fish tanks. Do not use in saltwater or chlorinated pools, as this may damage the internal components.
- Ensure all battery compartments are securely closed and sealed before placing the submarine in water.
- Do not operate the submarine in strong direct sunlight, as the infrared control may be affected.
- If the submarine goes out of range or runs out of power, it is designed to float to the surface.
- Keep fingers and loose objects away from propellers during operation.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Silverlit Spy Cam Aqua Submarine
- Infrared Controller
- Detachable Feeder Arm
- Instruction Manual (this document)
- USB Cable (for data transfer)

## 4. SETUP

## 4.1 Battery Installation

The submarine and controller require AA batteries. Ensure fresh batteries are used for optimal performance.

1. **Submarine:** Locate the battery compartment on the submarine. Open it carefully and insert 6 AA batteries, observing the correct polarity (+/-). Securely close the compartment to ensure a watertight seal.

2. **Controller:** Locate the battery compartment on the back of the controller. Open it and insert 2 AA batteries, observing the correct polarity (+/-). Close the compartment cover.



Image 1: Silverlit Spy Cam Aqua Submarine. This image shows the main submarine unit, highlighting its yellow body, clear front dome, and two integrated LED spotlights.

Image 2: Silverlit Spy Cam Aqua Submarine Controller. This image displays the black infrared controller with its directional buttons, joystick, and function buttons for recording and light control.

## 4.2 Controller Pairing

The submarine and controller communicate via infrared signals. Ensure a clear line of sight between the controller and the submarine for optimal control. Turn on both the submarine and the controller. They should automatically pair. If control is lost, ensure the controller is pointed directly at the submarine.

## 5. OPERATING INSTRUCTIONS

### 5.1 Basic Controls

The controller features a joystick for directional movement and various buttons for specific functions:

- **Joystick:** Controls forward, backward, left, and right movement.
- **Dive/Climb Buttons:** Allows the submarine to dive deeper or ascend to the surface.
- **LED Spotlights Button:** Toggles the two front LED spotlights on or off.
- **Record Button (REC):** Initiates or stops video recording.
- **Camera Button:** Captures a still image.

### 5.2 Movement

Place the submarine gently into the water. Use the joystick to navigate. The submarine can float on the surface,

dive, climb, and move in all horizontal directions. Practice in a clear area to familiarize yourself with the controls.

## 5.3 Camera Use

The submarine is equipped with a built-in camera and 256MB of internal memory.

- **Photo Capture:** Press the Camera button to take a still image (1280x960 JPG).
- **Video Recording:** Press the REC button to start recording video (640x480 AVI). Press REC again to stop.
- **Downloading Media:** Connect the submarine to a computer using the provided USB cable. The submarine will appear as a removable storage device, allowing you to transfer photos and videos.

## 5.4 Detachable Feeder Arm

Attach the feeder arm to the designated slot on the submarine. Fill the feeder with appropriate fish food. Operate the submarine near fish to capture images or videos as they approach the feeder.

# 6. MAINTENANCE

- After each use, thoroughly rinse the submarine with fresh water to remove any residue.
- Dry the submarine completely with a soft cloth, paying special attention to the battery compartment and any openings.
- Remove batteries from both the submarine and the controller if storing for extended periods to prevent leakage.
- Store the submarine and controller in a cool, dry place away from direct sunlight.

# 7. TROUBLESHOOTING

- **Submarine not responding:** Ensure fresh batteries are installed in both the submarine and controller. Check for a clear line of sight between the infrared controller and the submarine. Avoid strong light sources that may interfere with the infrared signal.
- **Submarine not diving/floating correctly:** Verify that the battery compartment is sealed properly and no water has entered. Ensure the dive/climb mechanisms are free from obstruction.
- **Poor camera quality:** Ensure the camera lens is clean and free from water droplets or debris. Operate in well-lit conditions for best results.
- **Cannot download photos/videos:** Ensure the USB cable is securely connected to both the submarine and the computer. Try a different USB port or cable if necessary.
- **Submarine floats to surface unexpectedly:** This is a safety feature. It indicates the submarine has lost connection with the controller or its batteries are low. Replace batteries or move closer to the submarine.

# 8. SPECIFICATIONS

| Feature | Detail |
|---|---|
| Model Number | 82418 |
| Dimensions (L x W x H) | 4.5 x 3 x 2.75 inches |
| Weight | 1 pound |

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|---|---|
| Control Channels | 3-Channel Infrared |
| Submarine Battery Type | 6 x AA batteries (not included) |
| Controller Battery Type | 2 x AA batteries (not included) |
| Internal Memory | 256 MB |
| Photo Resolution | 1280 x 960 JPG |
| Video Resolution | 640 x 480 AVI |
| Connectivity | Wired (USB for data transfer) |
| Recommended Age | 5 years and up |
| Specific Uses | Bathtub or freshwater fish tank |

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the packaging or contact Silverlit customer service directly. Keep your purchase receipt as proof of purchase.