Zuomeng Solar Wave Pool Alarm

Zuomeng Solar Wave Pool Alarm Instruction Manual

1. Introduction

The Zuomeng Solar Wave Pool Alarm is designed to enhance safety around your pool or spa by detecting water disturbances. This device provides 24/7 surface monitoring, offering alerts via an audible alarm and app notifications. It features solar charging, remote control via a smartphone application, and dual operating modes to suit different needs.

2. Product Components

- Solar Wave Alarm (Floating Unit)
- Indoor Alarm Receiver (Plug-in Unit)
- Mounting Cord

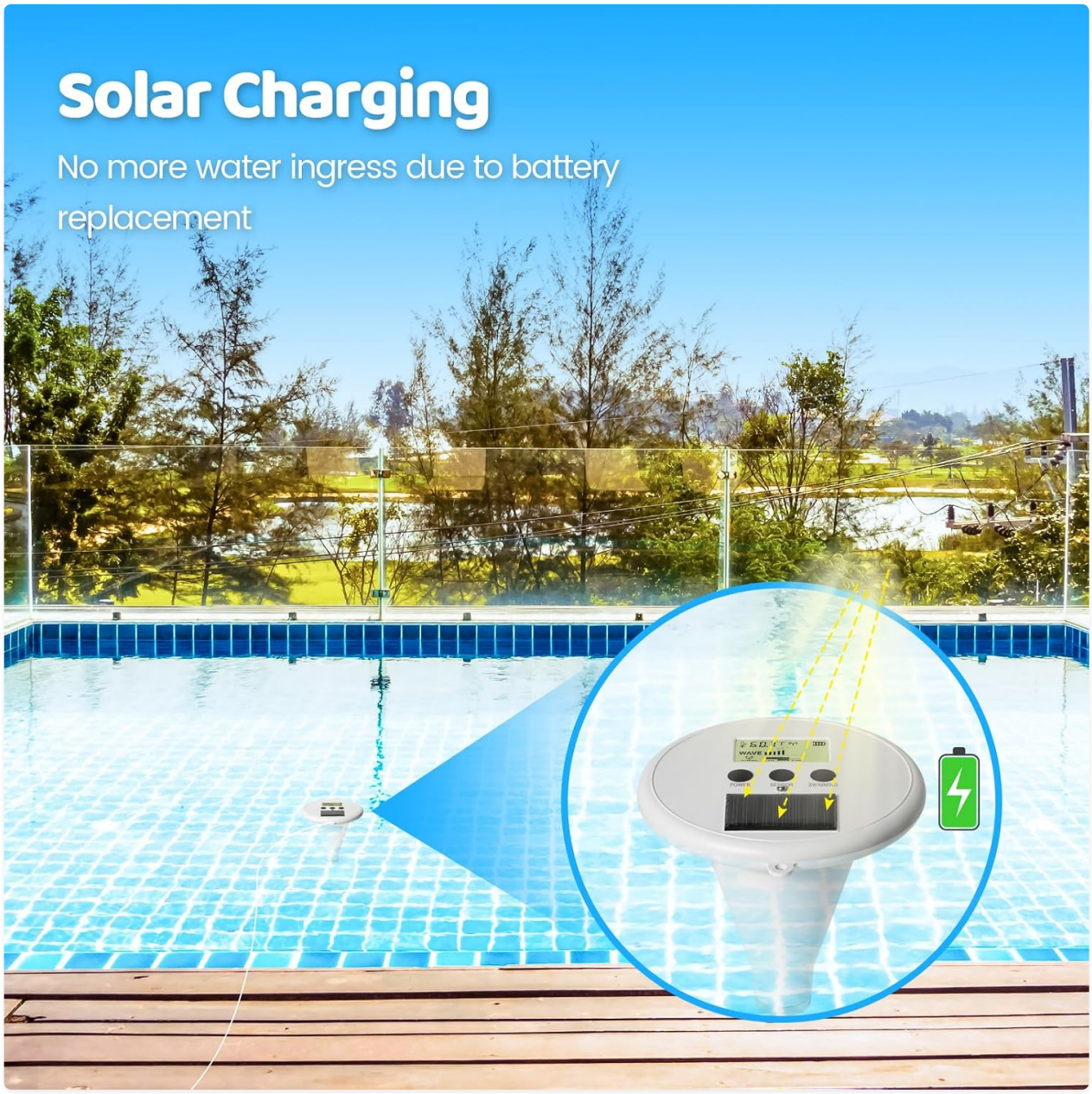


Image: Dimensions of the Solar Wave Pool Alarm (5.1"L x 1.1"W x 4.9"H) and the Indoor Alarm Receiver (3.2"L x 1"W x 3.4"H).

3. Setup and Installation

3.1 Floating Unit Placement

1. Place the Solar Wave Alarm floating unit directly on the water surface of your pool or spa.
2. Ensure the solar panel on the unit is exposed to direct sunlight for optimal charging.
3. Use the provided mounting cord to secure the alarm to the side of the pool if desired, preventing it from drifting into skimmers or filters.
4. The alarm is compatible with all pool types, including above-ground, in-ground, inflatable, and soft-sided pools, as well as spas and garden ponds.

3.2 Indoor Receiver Setup

1. Plug the Indoor Alarm Receiver into a standard electrical outlet within 500 feet of the floating unit. This range ensures seamless connectivity both indoors and outdoors.
2. Ensure the receiver is placed in a location where its alarm can be clearly heard.

3.3 Multiple Unit Placement for Large Pools

For pools larger than 20 x 40 ft, it is recommended to use more than one pool alarm to ensure comprehensive coverage and detection.

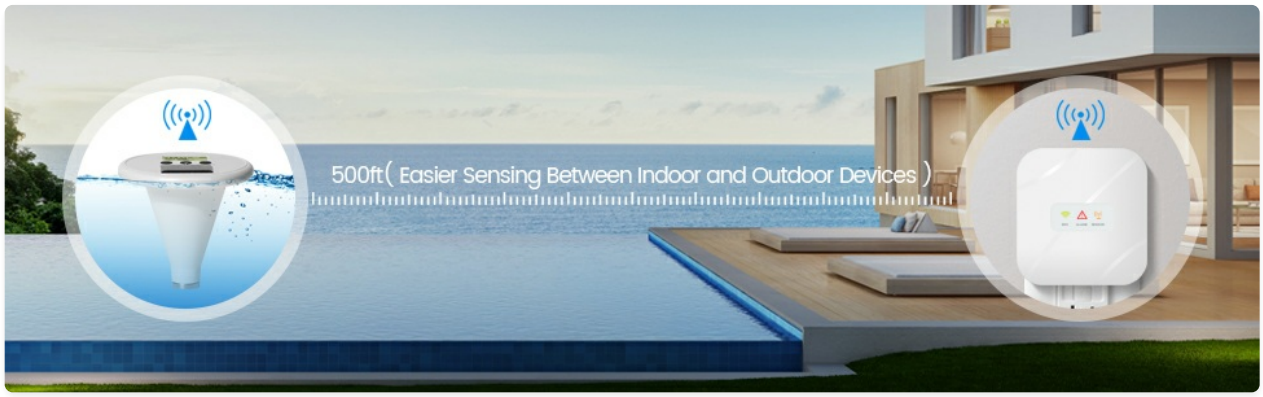


Image: Illustration of the 500ft transmission range between the floating alarm and the indoor receiver.

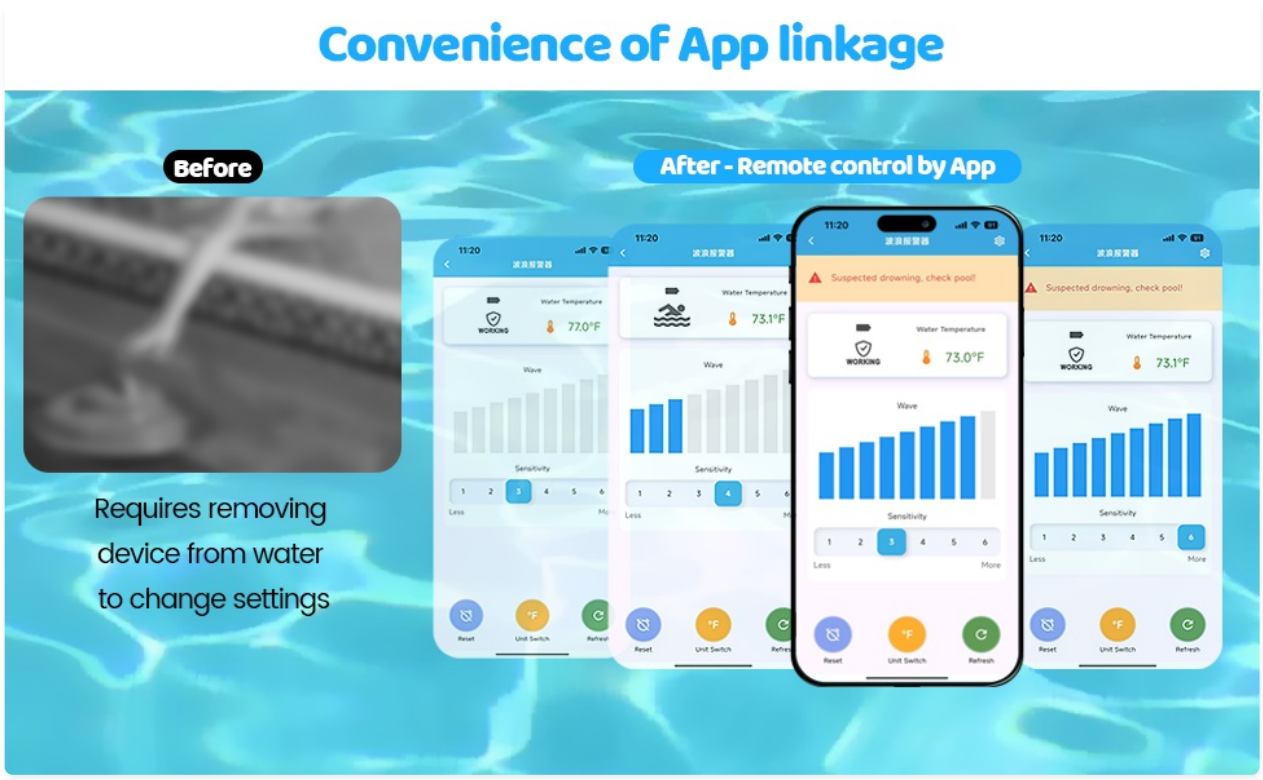


Image: The solar panel on the floating unit charges the internal battery, eliminating the need for manual charging or battery replacement.

4. Operating Modes

The Zuomeng Solar Wave Pool Alarm offers two distinct operating modes:**Working Mode** and **Swimming Mode**.

4.1 Working Mode

In Working Mode, the alarm is fully active and continuously monitors the water surface for disturbances. If a significant wave or entry into the water is detected, the device will trigger an audible and visual alarm, and send notifications to your connected app.

4.2 Swimming Mode

Swimming Mode temporarily deactivates the alarm function, allowing for normal pool use without triggering alerts. This mode can be activated with a one-click switch on the device or via the app. If you forget to switch modes after leaving the pool, the device will automatically revert to Working Mode within two hours to ensure continued safety monitoring.

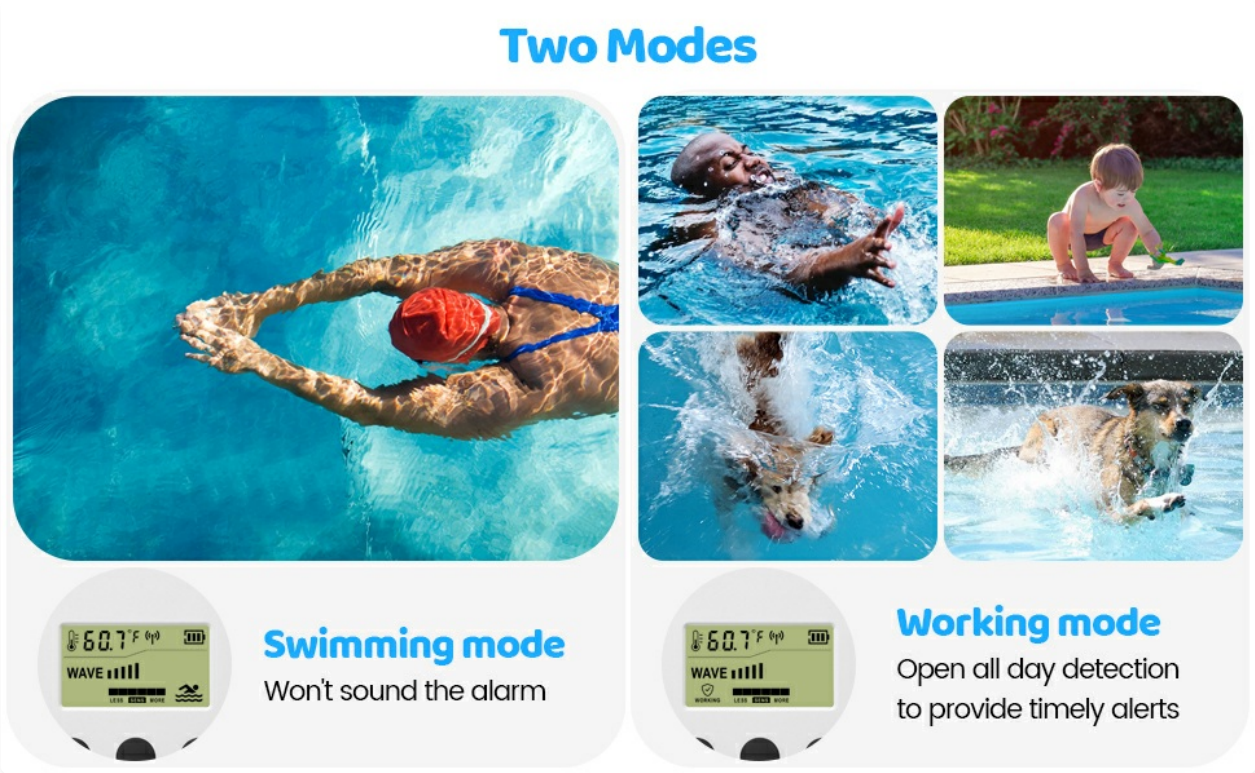


Image: Visual representation of switching between Working Mode and Swimming Mode.

5. App Control and Detection

The Zuomeng Solar Wave Pool Alarm can be remotely controlled and monitored using the dedicated GeniLife App on your smartphone or tablet.

5.1 App Features

- **Real-time Notifications:** Receive instant app notifications, and optionally SMS or phone notifications (additional fees may apply), when the alarm is triggered.
- **Sensitivity Adjustment:** Easily adjust the sensor sensitivity via the app to suit your pool environment and minimize false alarms.
- **Alarm Sound Control:** Turn off the audible alarm sound remotely through the app if needed.
- **Status Monitoring:** The app displays real-time information such as water temperature, wave amplitude, and battery status, synchronized with the alarm's LCD screen.
- **Mode Switching:** Switch between Working Mode and Swimming Mode directly from the app.



Image: The GeniLife App interface showing controls for sensitivity, temperature, and wave amplitude.



Image: The alarm system providing accurate alerts, with the indoor receiver sounding an alarm and app notifications.

6. Maintenance

- **Cleaning:** Periodically clean the floating unit to remove any debris, algae, or mineral buildup that may affect its performance or solar charging efficiency. Use a soft cloth and mild detergent if necessary.
- **Waterproof Rating:** The floating unit has an IP68 waterproof rating, ensuring reliable, long-lasting performance in water. Avoid disassembling the unit, as this may compromise its waterproof seal.
- **Solar Charging:** Ensure the solar panel remains clear of obstructions to allow for continuous charging.

No manual battery replacement is required due to the solar power source.

- **Storage:** During extended periods of non-use (e.g., winterization), clean the unit thoroughly, ensure it is fully charged, and store it in a dry, protected area.

7. Troubleshooting

If you encounter issues with your Zuomeng Solar Wave Pool Alarm, please refer to the following common troubleshooting steps:

- **Alarm Not Sounding:**
  - Ensure the floating unit is in **Working Mode**.
  - Check the battery level via the app or the unit's LCD screen. Ensure it is sufficiently charged.
  - Verify the indoor receiver is plugged in and powered on.
  - Check the app settings to ensure the alarm sound is not muted.
  - Adjust the sensitivity setting in the app. A lower sensitivity might prevent detection of minor disturbances.
- **App Connectivity Issues:**
  - Ensure your smartphone is connected to a 2.4GHz WiFi network. The device operates on 2.4G WiFi.
  - Verify the indoor receiver is within the 500ft transmission range of the floating unit.
  - Restart both the floating unit (if possible) and the indoor receiver.
  - Check your home WiFi router for any issues.
- **Inaccurate Readings (Temperature/Wave):**
  - Ensure the floating unit is clean and free of debris that might obstruct sensors.
  - Verify the unit is floating freely and not partially submerged or stuck.
- **Solar Charging Not Working:**
  - Ensure the solar panel on the floating unit is clean and free from dirt or obstructions.
  - Verify the unit is placed in an area with direct sunlight exposure for several hours daily.

If these steps do not resolve the issue, please contact customer support.

8. Specifications

Feature	Detail
Brand	Zuomeng
Model	Solar Wave Pool Alarm
Power Source	Solar Powered
Compatible Devices	Smartphone, Tablet
Control Method	App
Maximum Range	500 Feet (between floating unit and indoor receiver)

Sensor Technology	Ultrasonic Sensor
Waterproof Rating	IP68
Item Weight	0.51 Kilograms
Floating Unit Dimensions (L x W x H)	5.1" x 1.1" x 4.9"
Indoor Receiver Dimensions (L x W x H)	3.2" x 1" x 3.4"

9. Warranty Information

The Zuomeng Solar Wave Pool Alarm comes with a**2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

10. Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact Zuomeng customer support. Refer to the product packaging or the official Zuomeng website for the most current contact information.