

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Lifebuoy](#) /

› [BCONE Pool Alarm System User Manual](#)

Lifebuoy BC006-Sy-M.US

BCONE Pool Alarm System User Manual

Model: BC006-Sy-M.US | Brand: Lifebuoy

1. PRODUCT OVERVIEW

The BCONE Pool Alarm System is a state-of-the-art safety device designed to provide peace of mind for pool owners. It features a floating pool unit that detects disturbances in the water and a home unit that emits a loud alarm, along with smartphone app alerts. This system is ASTM F2208 certified, ensuring high safety standards. It is suitable for inground and above-ground pools, spas, and garden ponds.



Figure 1.1: The BCONE Pool Alarm System, including the floating pool unit and the indoor home unit.

2. COMPONENTS

The BCONE system consists of the following main components:

- **Pool Unit:** The red, floating device placed in the pool. It detects water disturbances and triggers the alarm.
- **Home Unit:** The white, indoor unit that connects to your Wi-Fi network. It receives signals from the pool unit and emits a loud alarm.
- **Smartphone App:** Allows for remote control, monitoring, and adjustment of settings. Compatible with Alexa and Google Assistant.



Figure 2.1: Key components of the BCONE system: Home Unit, App, and Pool Unit.

3. SETUP AND INSTALLATION

Setting up your BCONE Pool Alarm System is designed to be quick and easy. All necessary hardware is included.

1. **Charge and Power On:** Ensure both the Pool Unit and Home Unit are fully charged or connected to power as per the Quick Start Guide. The Pool Unit uses 2 AA Lithium Ion batteries (included).
2. **Download App:** Download the BCONE smartphone application from your device's app store.
3. **Connect to Wi-Fi:** Follow the in-app instructions to connect your Home Unit to your 2.4GHz Wi-Fi network.
4. **Pair Units:** Pair the Pool Unit with the Home Unit via the app.
5. **Position Pool Unit:** Place the Pool Unit in your pool. Use the provided attachment kit to securely fasten the pool unit to the pool side, away from disturbances like pump outlets or skimmers.

Loud Alarm on Home Unit, Pool Unit, and the App.

Feel safer,
wherever you are!



Hold vertically
for a few seconds



Manual Alarm Turn-Off

Phone not around?
Wet hands?
No problem.

Figure 3.1: Simple installation of the BCONE Pool Unit.

BCONE® SYSTEM

Safety First. No Pool Alarm = No Pool!



Loud Alarm
on Both Units



Child and
Pet Safety



False Alarm
Prevention

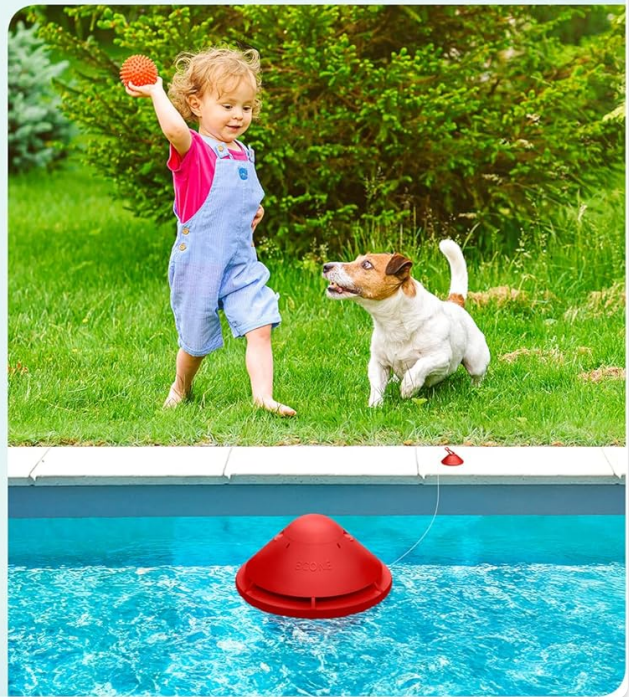


Figure 3.2: The BCONE system in a pool environment, highlighting its safety purpose.

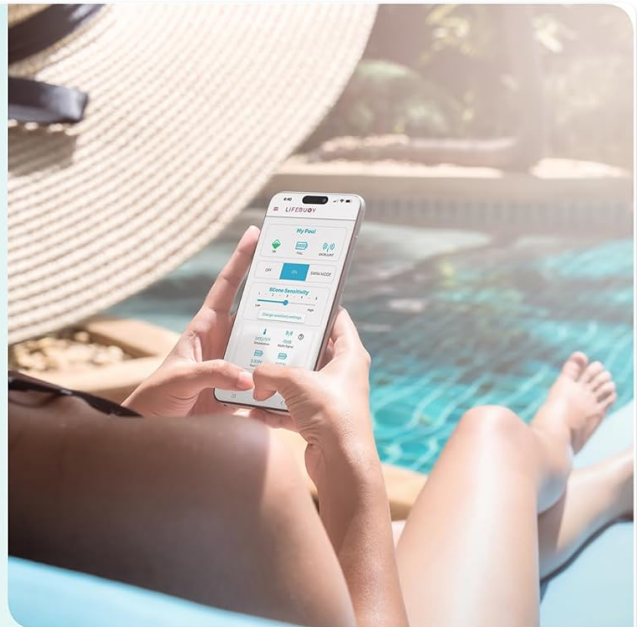
4. OPERATING THE BCONE SYSTEM

4.1 Alarm Modes

- **Active Mode (ON):** The system is fully active. Any significant water disturbance will trigger a loud alarm from both the Pool Unit and Home Unit, and send alerts to your smartphone.
- **Swim Mode:** When activated, the alarm will not sound to allow swimming. If no movement is detected for several minutes, the system will automatically reactivate to Active Mode.
- **OFF Mode:** The system is deactivated. Use this mode when performing maintenance or when the pool is not in use for extended periods.

Connected. Set. Safe.

App-controlled
from anywhere.
Compatible with Alexa.



Quick & Easy Installation

Lasting security starts
with simple installation.
All hardware included.
Install, connect and
you are protected.

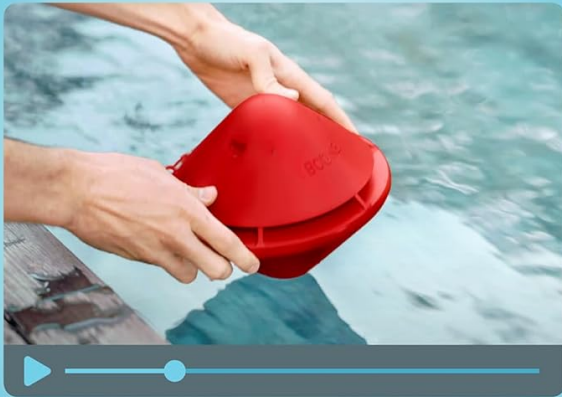


Figure 4.1: Control the BCONE system from anywhere using the smartphone app.

4.2 Alarm Activation and Alerts

Upon detecting a significant water disturbance, the BCONE system will activate its alarm. The alarm is powerfully loud on both the pool and home units. Additionally, you will receive instant notifications on your smartphone via the app.

BCONE® SYSTEM

Safety You Can Gift

NSF Certified to ASTM Standard F2208



Loud Alarm
on Both Units



Child and
Pet Safety



False Alarm
Prevention



Figure 4.2: The BCONE system provides loud alarms and app notifications for comprehensive safety.

4.3 Manual Alarm Turn-Off

The alarm can be manually turned off directly from the Home Unit or via the smartphone app. This is useful when you are intentionally entering the pool or performing maintenance.

4.4 Sensitivity Settings

The BCONE system features adjustable sensitivity settings to optimize detection for different scenarios (e.g., kids, pets, adults). You can adjust the sensitivity through the accompanying app.

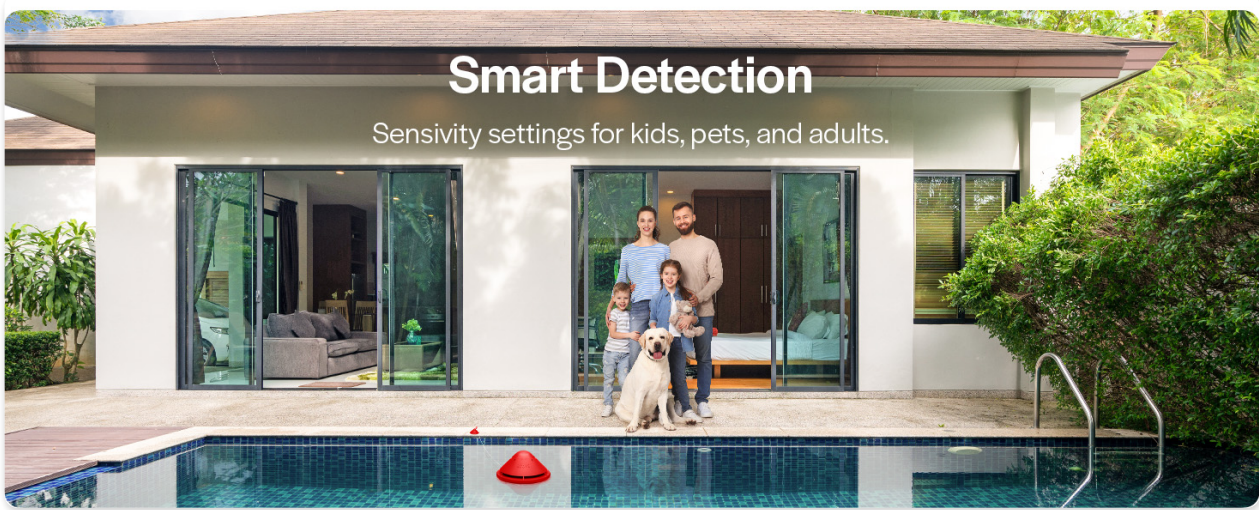


Figure 4.3: Smart Detection with adjustable sensitivity for various users.

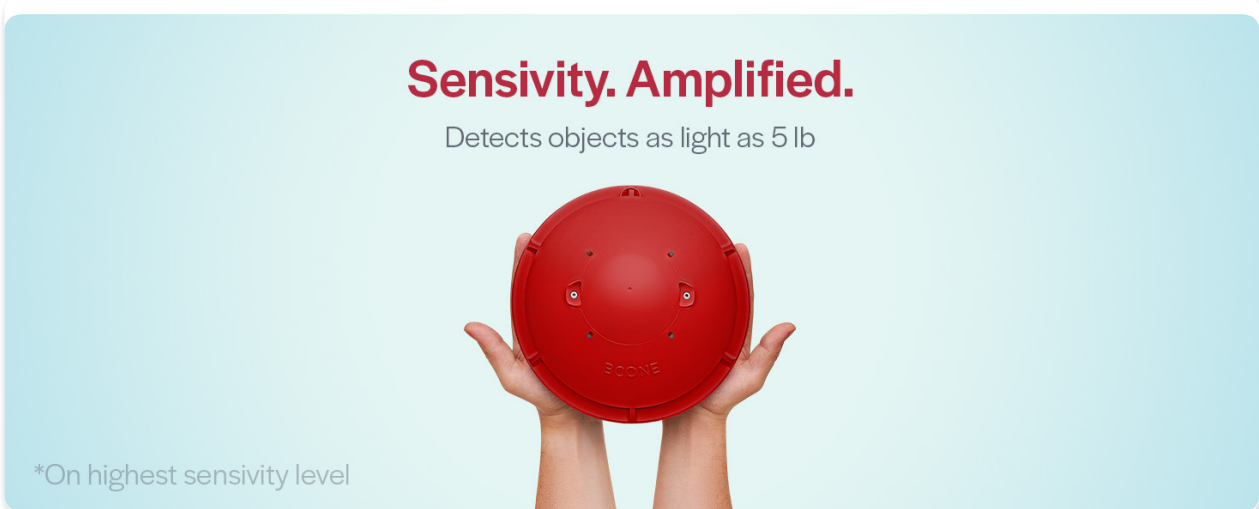


Figure 4.4: The BCONE system's amplified sensitivity can detect objects as light as 5 lbs (on highest setting).

5. MAINTENANCE

5.1 Battery Management

The Pool Unit requires 2 AA Lithium Ion batteries (included). Ensure batteries are regularly checked and replaced as needed to maintain optimal performance. The Home Unit is typically powered via a USB-C cable, but may also have a backup battery.

5.2 Cleaning and Durability

The BCONE Pool Unit is designed with highly durable materials and is IP68 waterproof certified, making it resistant to water and dust ingress. It is also chlorine (Cl) and UV resistant. Periodically clean the unit with a soft cloth and fresh water to remove any pool chemical residue or debris.

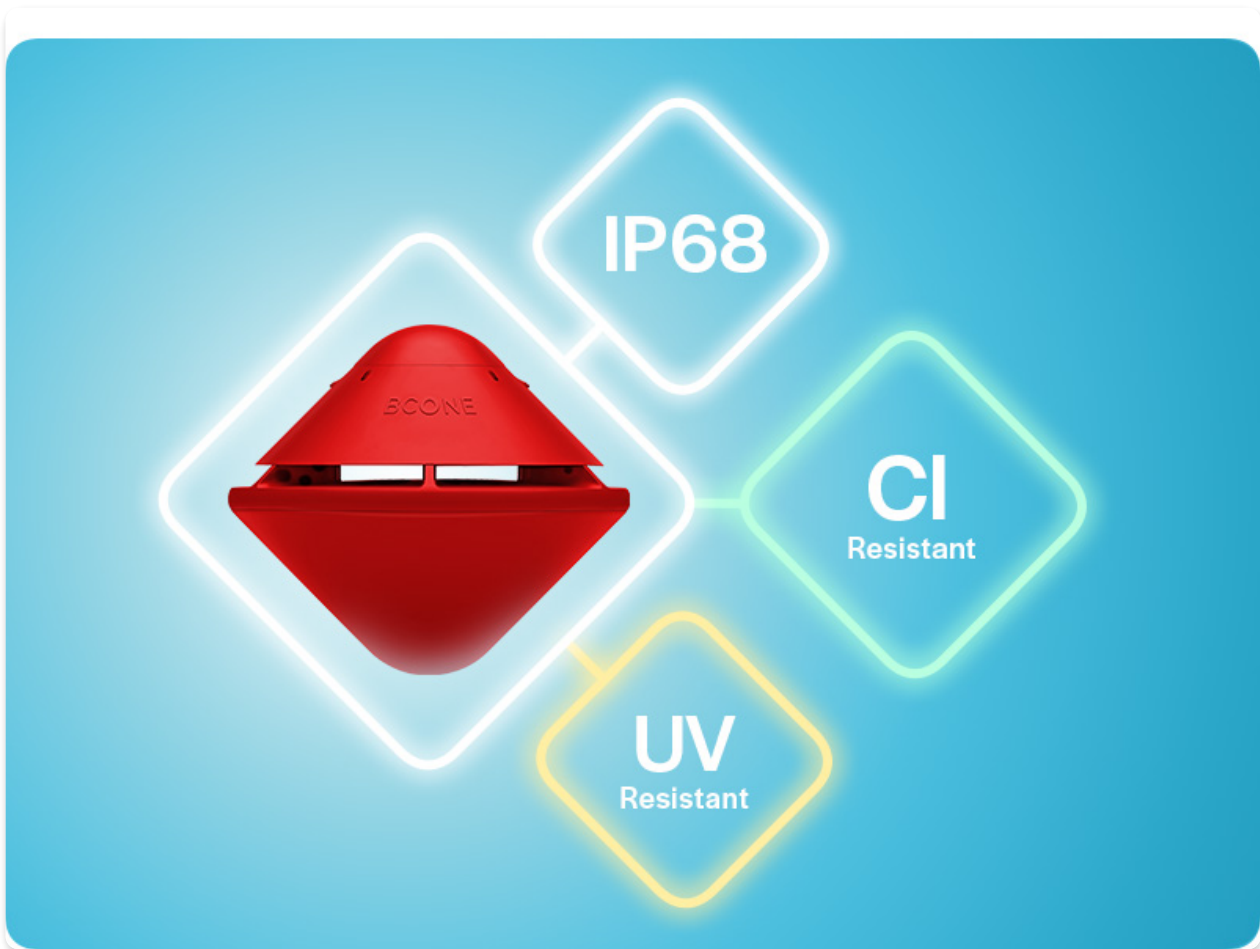


Figure 5.1: The BCONE Pool Unit is built for durability with IP68, Cl, and UV resistance.

6. TROUBLESHOOTING

6.1 Preventing False Alarms

The BCONE system utilizes an advanced algorithm to prevent false alerts. However, certain environmental factors can still trigger unintended alarms. Follow these guidelines to minimize false alarms:

- **Install Away from Disturbances:** Position the pool unit at a distance from pump outlets, skimmers, or other water features that create constant movement.
- **Manage Pump Outlets:** Aim pump outlets downwards to lessen wave formation. Consider running the pump at night or activating Do Not Disturb (DND) mode during these hours if unavoidable.
- **Secure the Pool Unit:** Use the provided attachment kit to securely fasten the pool unit to the pool side, preventing it from drifting into high-disturbance areas.
- **Activate Do Not Disturb Mode:** Utilize the DND mode via the app to prevent false alarms during specific times, such as strong winds or heavy rain.
- **Adjust Sensitivity:** Lower the sensitivity of the Pool Unit through the accompanying app if you experience frequent false detections from minor disturbances.
- **Clear the Pool Surface:** Ensure there are no toys, floaties, or large debris left in the pool, as these can activate the alarm.



Figure 6.1: The BCONE system's smart false alarm prevention technology.



Figure 6.2: Install the Pool Unit away from disturbances to prevent false alarms.

How to Avoid False Alarms:



Install the Pool Unit Away from Disturbances:

Position the pool unit at a distance from pump outlets, skimmers, or water features to prevent unnecessary triggers.



Manage Pump Outlets:

Aim the pump outlets downwards to lessen wave formation. If unavoidable, consider running the pump at night and activating DND mode during these hours.

Figure 6.3: Manage pump outlets to reduce wave formation and false alarms.

How to Avoid False Alarms:



Secure the Pool Unit:

Use the provided attachment kit to securely fasten the pool unit to the pool side.



Activate Do Not Disturb Mode:

Utilize the Do Not Disturb (DND) mode to prevent false alarms during nighttime hours.

Figure 6.4: Secure the Pool Unit to prevent movement that could trigger false alarms.

How to Avoid False Alarms:



Adjust Sensitivity:

Lower the sensitivity of the Pool Unit through the accompanying app to reduce false detections.



Clear the Pool Surface:

Ensure there are no toys or floaties left in the pool, as these can activate the alarm.

Figure 6.5: Activate Do Not Disturb Mode to prevent alarms during specific times.

Alternative Alarm Settings:



Disable the Pool Unit Siren*



Disable the Home Unit Siren*



Shorten the duration of the siren*



*Please note: Altering these settings will result in the loss of ASTM Certification 2208

Figure 6.6: Adjust sensitivity settings via the app to reduce false detections.

Set Up, Connect, and Stay Protected.

Video Manual, Quick Start Guide, and User Manual are there for you.



Figure 6.7: Keep the pool surface clear of objects that could trigger the alarm.

6.2 Connectivity Issues

If your app does not stay connected or the system shows as offline, ensure your Home Unit is within range of your Wi-Fi router and that your Wi-Fi network is stable. Restarting both the Home Unit and your router may resolve connection problems. Verify that the app is updated to the latest version.

6.3 Alternative Alarm Settings (Loss of Certification)

The BCONE system is ASTM F2208 certified. Please note that altering certain alarm settings, such as disabling the Pool Unit siren, disabling the Home Unit siren, or shortening the duration of the siren, will result in the loss of this ASTM Certification 2208.

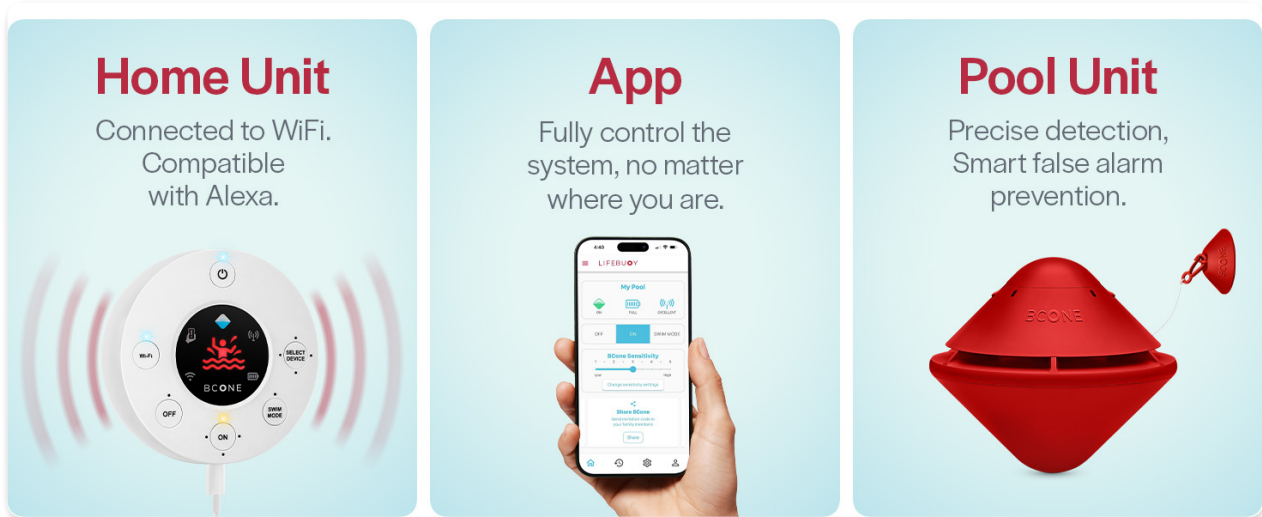


Figure 6.8: Understanding alternative alarm settings and their impact on certification.

7. SPECIFICATIONS

Feature	Detail
Model Number	BC006-Sy-M.US
Product Dimensions	9.41 x 9.41 x 8.7 inches
Item Weight	1.57 ounces
Color	Red and White
Power Source	Battery Powered
Number of Batteries	2 AA batteries required (included)
Battery Cell Type	Lithium Ion
Battery Description	3.7V, 2000mAh 7.4Wh
Control Method	App
Mounting Type	Freestanding
Waterproof Rating	IP68 Certified
Connectivity	2.4GHz Wi-Fi, Alexa & Google Assistant Compatible
Certification	ASTM F2208 Certified

8. WARRANTY AND SUPPORT

The Bcone Pool Alarm System comes with a **3-year manufacturer's warranty**. For any product inquiries, technical support, or warranty claims, please contact Lifebuoy LTD directly. You can find more information and contact details on the official [Lifebuoy Store on Amazon](#).

