

Pool Thermometer

Model No.: WN36AN



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1. Getting Started

1.1 Packing List

1 x Pool thermometer WN36AN

1 x User Manual

2. Features

- Pool thermometer with anchor.
- None opening design with ultrasonic body welding: IP68 waterproof.
- Idle mode for further power reduction (keep pressing button for 8 seconds).
- Minimum operating lifetime: 3 years.
- User selectable channel number up to 8 channels.

3. Setup Guide

3.1 Switch (WN36AN)

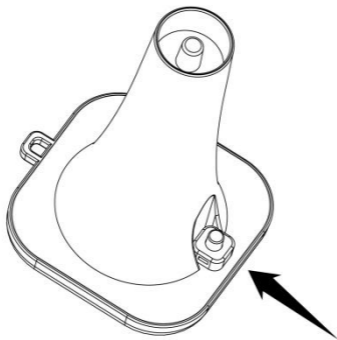


Figure 1: Button

3.2 Idle mode

press button 3s to wake up the device. Once power up, it will display “36” model number and RF frequency, like 868MHz, for 2s, and resume normal mode operation.

3.3 Normal mode

- quick press once to toggle Celsius or Fahrenheit temperature unit.
- Press and hold for 3s, channel number will start to flash. Release and press once in cycle between channel 1 and 8. Leave key untouched for 10s will terminate channel setting.
- Press and hold for 6s will force the device entering idle mode: LCD will be off and enter minimum power consumption state.

If you keep device in idle mode for 6 months per year, you can extend the battery life to minimum 5 years.

4. Sensor locating

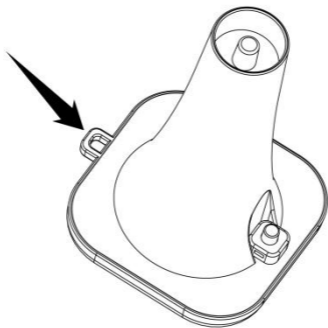


Figure 2: Parking Anchor

5. Specification

Measurement	Range	Accuracy	Resolution
Temperature	5°C to 60°C	$\pm 1^\circ$	0.1°

Frequency :868MHz ± 0.035

Transmission power: 1.39dbm

Power Supply: 2 x AA 1.5V battery (Built-in)

Battery life: Minimum 3 years (5 years with idle state enabled for 6 months per year)

Length * Width * Height: 85 x 85 x 115mm

6. Wireless Connection

Please choose the same frequency for this pool thermometer and your receiver, which ensures them working with each other properly.

Transmission distance in open field: 100 m (330 ft.). It will be significantly different when the sensor is floating on water and there are objects in between. Please park the sensor in a sightseeing location from your receiver if possible. Something in the middle will reduce the RF traveling distance significantly. Please make proper on site checking for sensor signal reception before parking the pool thermometer.

For pairing with your receiver or weather stations, please refer to their manuals respectively.