ThermoPro
Live Like a Pro!

Wireless Pool Temperature Monitor Instruction Manual

211B&C-V20240822

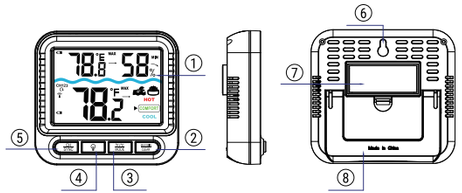
Introduction

Congratulations on your purchase of the wireless pool temperature monitor. You will now not only be able to monitor the indoor temperature/humidity, but also remotely monitor the temperature of Swimming Pools, Hot Tubs, Small Ponds, Aquariums, etc... To ensure the best possible product performance, please read this manual in its entirety and retain it for future reference.

Components

1 x Receiver
1 x Transmitter
1 x Rope
4 x AAA Batteries
1 x User Manual

Indoor Base Station (Receiver) Features



1. LCD display: Displays the current outdoor temperature and indoor humidity/temperature
2. MAX/MIN CLEAR : Press once to display the maximum or minimum temperature and humidity; Press and hold to clear the history data.
3. °F/°C MODE : Press once to select the temperature display in °C or °F. Press and hold to switch between Swimming Pool( ) and Hot Tub( ).
4. : Press once to turn on/off backlight. If you do not press this button in 15 seconds, the backlight will be turned off automatically.

5. CH SYNC : Press once to display the temperature readings from up to 3 outdoor remote sensors; Press and hold this button to enter the synchronization mode.
6. Wall-mounted design
7. Battery Compartment: Holds 2 x AAA batteries to power the unit
8. Tabletop design

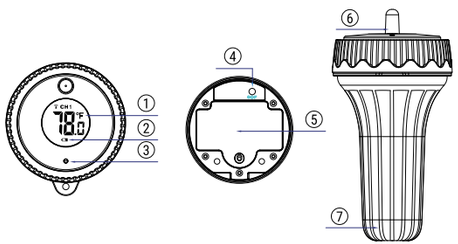
Water Comfort Level

Comfort Level	Swimming Pools, Small Ponds, Aquariums( )	Hot Tubs( )
HOT	≥84°F(29°C)	102°F(39°C)
COMFORT	77-84 °F(25°C-29°C)	98-102°F(37°C-39°C)
COOL	≤77°C(25°C)	≤98°C(37°C)

Temperature & Humidity Trend

1. indicates the temperature & humidity is in an increasing trend.
2. indicates the temperature & humidity is steady.
3. indicates the temperature & humidity is in a decreasing trend.

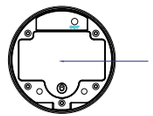
Outdoor Remote Sensor (Transmitter) Features



1. LCD display: Displays the current temperature
2. Low battery indicator
3. This LED light will flash upon the temperature data is sent
4. **°F/°C** Button: Press to send temperature data to the receiver immediately. Press and hold for 2s to switch the temperature unit
5. Battery Compartment: Holds 2 x AAA batteries to power the unit
6. Antenna: Please do NOT immerse this antenna into water, otherwise the remote range will be affected
7. Sensor of the transmitter

Battery Installation and Setup

1. Open the battery compartment of the remote sensor as below figure:



2. Insert 2 x AAA batteries in correct polarity as indicated, then replace the battery compartment cover.
3. Open the battery compartment at the back of the base station and insert 2 x AAA batteries in correct polarity as indicated, then replace the compartment door.

Note:

Do not mix old and new batteries.

Do not mix alkaline, standard (carbon zinc), or rechargeable (nickel cadmium) batteries.

For maximum performance in normal conditions we recommend using good quality alkaline batteries.

If the battery power is low, there will be low battery icon showing on the base station display.

Synchronize Remote Sensors with Base Station

1. The transmitter and receiver were already paired at our manufacturing facility, and CH1 is the default transmitter. You just need to install the batteries, and the receiver will get the temperature data from the transmitter automatically.
2. Purchase the CH2 or CH3 transmitter if more transmitters is needed.
3. Press the CH SYNC button and choose the right transmitter (CH2 or CH3) if you'd like to add more transmitters, press and hold the CH SYNC button for 3s to enter Synchronization Mode. Install the batteries for the transmitter(CH2 or CH3), wait for a moment until the temperature reading shows on the receiver display, it means the synchronization is completed. You don't need to pair them again for future uses.

Place the Base Station and Remote Sensor

1. The indoor base station (receiver) should always be placed in a well ventilated indoor area and located away from vents, heating or cooling elements, direct sunlight, windows, doors, or any other openings.
2. The outdoor remote sensor (transmitter) should be immersed into the water where you'd like to monitor the temperature, but make sure the antenna will not be covered by water.

Purchasing Additional Remote Sensors

The model number of the remote sensor for this unit is TP211-CH1, TP211-CH2, TP211-CH3. Additional sensors may be ordered directly from Amazon or ThermoPro by contacting our customer service listed below.

Hints and Tips

If the receiver does not connect to the transmitter, try the following:

- Relocate the base station and/or the remote unit connection is found.
- Signals from other electronic devices may cause interference. Place the base station and receiver away from these devices.
- The transmitter may not function properly in extreme temperatures due to battery power. Replace the batteries or the unit will resume proper function in more moderate weather.

Warnings

- Do not subject the unit to excessive force, shock, dust, temperature or humidity.
- Do not immerse the receiver in water.
- Do not remove any screws.
- Do not dispose this unit in a fire. IT MAY EXPLODE.
- Keep unit away from small children. The unit or parts of the unit might be a choking hazard.
- Never attempt to recharge the batteries using any other methods.
- Dispose of the unit legally and recycle when possible.

FCC Statement Of Compliance

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 er's 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 of more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and the 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.

Declaration of Conformity

Hereby, the manufacturer declares that this product complies with the basic requirements and applicable regulations of the Radio Equipment Directive 2014/53/EU, the EMC Directive 2014/30/EU. The complete declaration of conformity can be found at: https://buythermopro.com/eu-declaration of-conformity/.

Disposal

Meaning of the "Dustbin" Symbol

- Protect our environment: do not dispose of electrical equipment in the domestic waste.
- Please return any electrical equipment that you will no longer use to the collection points

provided for their disposal.

- This helps avoid the potential effects of incorrect disposal on the environment and human health.
- This will contribute to the recycling and other forms of reutilisation of electrical and electronic equipment.
- Information concerning where the equipment can be disposed of can be obtained from your local authority.

⚠ **CAUTION: Batteries/rechargeable batteries must not be disposed of with household waste!**

- The batteries must be removed from the appliance.
- Take spent batteries to the appropriate collection point or to a dealer.
- Your town or local authority can provide information about public collection points.

This symbol can be found on batteries/rechargeable batteries which contain hazardous substances.

- Pb = contains lead
- Cd = contains cadmium
- Hg = contains mercury
- Li = contains lithium

Limited One-Year Warranty

ThermoPro warrants this product to be free of defects in parts, materials and workmanship for a period of one year, from date of purchase.

Should any repairs or servicing under this warranty be required, contact Customer Service by phone or email for instructions on how to pack and ship the product to ThermoPro.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Customer Service

Telephone: 1-877-515-7797(USA & Canada)
49-215-493-19011(DE)
44-808-164-1683(UK)
61-180-057-7492(AU)

Email: service@buythermopro.com

Hours: Weekdays 8:00AM-8:00PM

Specification	
Temperature/Humidity Range	
Base Station	-22.0 to 140.0°F(-30.0 to 60.0°C)
	Humidity range: 10%~99%
Remote Sensor	-40.0 to 158.0°F(-40.0 to 70.0°C)
Temperature Tolerance	±0.9°F(± 0.5°C) from 32 to 140°F(0 to 60°C), otherwise ±1.8°F(±1°C)
Refresh rate	
Base station	50 seconds
Remote sensor	50 seconds
Sensor Type	NTC
Transmission Range*	500ft (150M)
Wireless Technology	FSK 915Mhz for USA/Canada and 868Mhz for Europe
Display Base Station	LCD, $2\frac{7}{8}$ Length x 2 Width inches (73.5L x50.5W mm)
Display Remote Station	LCD, $1\frac{3}{16}$ inches(ϕ30.0mm)
Unit Size	
Base Station	$3\frac{7}{8}$ Length x $3\frac{5}{8}$ Width x $\frac{15}{16}$ Height inches (98.0L x 91.0W x 23.0H mm)
Remote Sensor	$2\frac{7}{8}$ Length x 5 Height inches (ϕ73.0x129.0H mm)
Power	
Base Station	3.0V(2 x AAA Batteries)
Remote Sensor	3.0V(2 x AAA Batteries)

*The stated transmission range is based on tests at an ambient temperature of 77°F or 25°C of swimming pool without any obstructions or electromagnetic interference. Your range can vary depending on the number of obstructions and electromagnetic in your environment