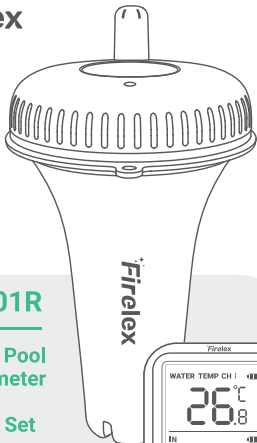


Firelex



IBS-P01R

Wireless Pool Thermometer and Receiver Set

- 01-** Introduction
- 02-** Parameters
- 03-** Basic Operation





Please keep this manual properly for reference. You can also scan the QR code below to visit our official web site for product usage videos. For any usage issues, please feel free to contact us at **support@inkbird.com**.

Wenn Sie eine Bedienungsanleitung in deutscher Sprache benötigen, scannen Sie bitte den QR-Code und besuchen Sie unsere Website, um sie zu erhalten und ein Video über die Verwendung des Produkts zu sehen.

Se avete bisogno di un manuale di istruzioni in italiano,
scansionate il codice QR e visitate il nostro sito web per
ottenerlo e vedere un video su come utilizzare il
prodotto.

Si vous avez besoin d'un mode d'emploi en français,
veuillez scanner le code QR pour visiter notre site
officiel afin d'obtenir et de visionner la vidéo d'utilisation
du produit !

Als je een Nederlandstalige handleiding nodig hebt, scan
dan de QR-code om naar onze officiële website te gaan
en bekijk de video over het gebruik van het product!

Si necesita el manual de instrucciones en español,
escanee el código QR para ir a nuestro sitio web oficial y
ver el vídeo sobre cómo utilizar el producto.



Warm tips

- To quickly jump to a specific chapter page, click on the relevant text on the contents page.
- You can also use the thumbnail or document outline in the top left corner to quickly find a specific page.

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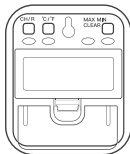
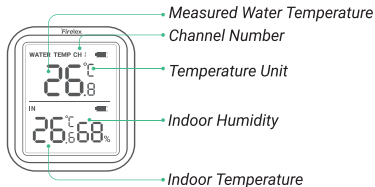
02 Parameters - - - - - 2

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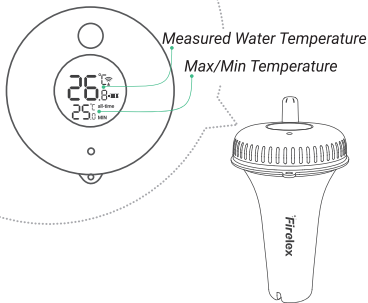
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1. Introduction



Receiver(Temperature&Humidity Monitor)



Pool Thermometer

2. Parameters

Battery: 4*AAA 1.5V Battery(not included)

Transmission Frequency: 433Mhz

Transmission Distance: up to 300 ft in open

space, if there is interference, the transmission distance will be limited.

Receiver:

Temperature Measurement Range: -10 ~60°C(14 ~140°F)

Temperature Measurement Accuracy: $\pm 1.0^{\circ}\text{C}$ ($\pm 1.8^{\circ}\text{F}$)

Temperature Display Accuracy: 0.1°C (0.1°F)

Humidity Measurement Range: 0~99%

Humidity Measurement Accuracy: $\pm 5\%$

Humidity Display Accuracy: 1%

Wireless pool Thermometer:

Temperature Measurement Range: -40 ~70°C (-40 ~158°F)

Temperature Measurement Accuracy: $\pm 1^{\circ}\text{C}$ ($\pm 1.8^{\circ}\text{F}$)

Temperature Display Accuracy: 0.1°C (0.1°F)

Temperature Sampling Period: 10 seconds

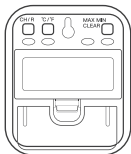
Waterproof Level: IPX7

Warranty: 1 year

3. Basic Operation

3.1 Buttons

3.1.1 Receiver



CH/R: The device support max 3 transmitters at a time, you can press the button to switch between the channels(CH1, CH2, CH3, CH8), the screen will display the measured water temperature of the

chosen one(CH1, CH2, CH3). If CH8 is selected, the measured temperature of CH1, CH2, and CH3 will be displayed for 5 seconds each alternately.

Hold the button for 5 seconds to disconnect from the pool thermometer, then reinstall the batteries of the pool thermometer, the thermometer will synchronize with the receiver automatically within 2 minutes.

Note: Please put the pool thermometer as close as to the receiver during synchronization.

MAX/MIN/CLEAR: Press the button to check the history maximum and the history minimum temperature of the pool thermometer.

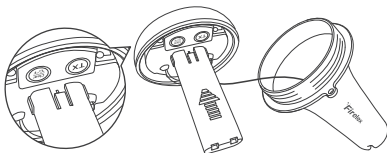
Hold the button for 5 seconds to clear the history temperature data, the device will record the new maximum and minimum temperature after clearing the history data.

°C/°F: Press the button to switch the temperature unit between °C and °F in normal working state.

When the receiver displays the maximum/minimum temperature of the pool thermometer, press the button to switch the maximum&minimum temperature recording time interval between ALL-TIME and 24 hours.

3.1.2 Wireless Pool Thermometer

Twist off the lid of the thermometer as shown below, all the buttons of the pool thermometer are designed inside.



Clear/°C/°F: Press the button to clear the history temperature data, the device will record the new maximum and minimum temperature after clearing the history data.

Hold the button for 5 seconds to switch the temperature unit between °C and °F.

TX: Press the button to send temperature data

to the receiver manually, the blue light of the pool thermometer will flash once when the transmission is successful.

Hold the button for 5 seconds to reset the pool thermometer and disable the synchronization, reinstall the batteries of the pool thermometer, it will synchronize with the receiver automatically within 2 minutes.

Note: Please put the pool thermometer as close as to the receiver during synchronization.

3.2 Synchronization and Reset

3.2.1 Synchronization

- Install 2 AAA batteries in the receiver first, then install 2 AAA batteries in the pool thermometer later, the data of the pool thermometer will be synchronized on the receiver automatically within 2 minutes.

- Once the receiver is successfully synchronized with the pool thermometer, the receiver will display the measured temperature of the pool thermometer and record the registration information of it. Users will not have to repeat the synchronization steps after restarting the receiver.
- The blue light on the pool thermometer will flash once when the data of it has successfully transmitted to the receiver, and the RF signal icon will be displayed on the screen of the receiver for 5 seconds after the blue light flashes, indicates that the receiver has successfully received the data and updated the current temperature in real time.
- If the receiver can not receive the data from the pool thermometer for a long time(15 minutes or more), "--.-" will be displayed on the screen.
- If the synchronization is failed, please repeat the steps above.

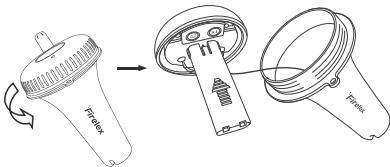
3.2.2 Reset

Hold the TX button of the pool thermometer for 5 seconds to reset the synchronization between it and the receiver.

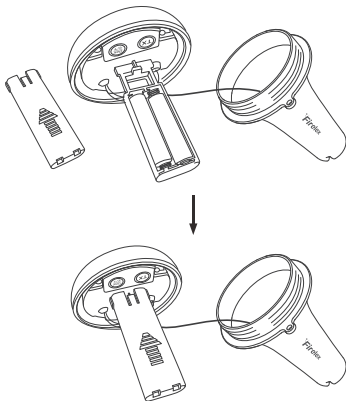
Follow the steps of 3.2.1 to re-synchronize the pool thermometer and the receiver.

3.3 Battery Installation

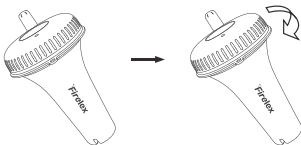
- Unscrew the lid of the pool thermometer as shown below.



- Remove the battery cover, install 2 AAA batteries, put the cover back.



- Make sure the silicone waterproof ring is well placed, then close and tighten the lid of the pool thermometer.



4. FCC Requirement

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

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 or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and 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.

5. Troubleshooting Guide

Issues	Causes	Solutions
Water/condensation inside the transmitter	1. Large temperature difference in the environment. 2. Hands were not kept dry when installing the batteries. 3. The cover of the transmitter is not tightened.	1. Adjust the position of the transmitter. 2. Wipe off the internal moisture. Remove the batteries and place it in a dry environment to dry before installing new batteries. 3. Make sure the lid is tight. If it still doesn't work, please contact customer service.

Issues	Causes	Solutions
Inaccurate temperature readings	1. There is a temperature difference in the position where the device is placed. 2. Deviation within the temperature accuracy range. 3. The probe is damaged.	1. Check if the device is intact. 2. Place the transmitter and receiver side by side indoors for testing. If the readings are still far off, please contact customer service.
Transmitter screen not showing	1. The battery is dead or the direction is reversed. 2. Internal damage.	1. Check if the device is intact. 2. Replace new batteries and check the batteries orientation. If it still doesn't work, please contact customer service.
There is rust inside the transmitter	1. Water vapor oxidation. 2. Battery leakage.	1. Please wipe off the rust. Place the transmitter indoors to dry before installing new batteries. 2. When installing batteries, make sure your hands are dry. If it still doesn't work, please contact customer service.

Issues	Causes	Solutions
Receiver disconnects/loses connection to pool thermometer(Transmitter)	No pairing was performed	Hold the pool Thermomter (Transmitter) close to the Receiver and press the Tx button on the pool Themmmometer(Transmitter)
	The distance is too far to disconnect	
	The pool thermometer (Transmitter) has run out of power.	Reinstall the batteries

Firelex

Factory Address: Room 501, Building 138, No. 71,
Yiqing Road, Xianhu Community, Liantang Street,
Luohu District, Shenzhen, China

Office address: Room 1803, Guowei Building,
NO.68 Guowei Road, Xianhu Community,
Liantang, Luohu District, Shenzhen, China

starryfirelex@outlook.com

