La Crosse Technology WS-9117U-IT-CBP

La Crosse Technology WS-9117U-IT-CBP Wireless Temperature Station User Manual

Model: **WS-9117U-IT-CBP**

1. INTRODUCTION

This manual provides instructions for the setup, operation, and maintenance of your La Crosse Technology WS-9117U-IT-CBP Wireless Temperature Station. This device monitors both indoor and outdoor temperatures, displaying them on a digital screen along with time and date information.

The system consists of a main receiver unit and a wireless outdoor sensor. The receiver displays current indoor temperature, outdoor temperature, time, date, and records of minimum and maximum temperatures with timestamps.

2. PACKAGE CONTENTS

- 1x WS-9117U-IT-CBP Wireless Temperature Station Receiver
- 1x TX29U-IT Wireless Outdoor Temperature Sensor
- 1x Detachable Stand for Receiver
- Mounting Hardware for Sensor

Note: 2 AAA alkaline batteries for the receiver and 2 AA alkaline batteries for the sensor are required and sold separately.

3. SETUP

3.1 Battery Installation

Receiver Unit:

1. Remove the battery cover on the back of the receiver unit.
2. Insert 2 new AAA alkaline batteries according to the polarity markings (+ and -).
3. Replace the battery cover.

Outdoor Sensor (TX29U-IT):

1. Open the battery compartment on the back of the TX29U-IT sensor.
2. Insert 2 new AA alkaline batteries according to the polarity markings (+ and -).

3. Close the battery compartment securely to ensure weather resistance.

Figure 1: Receiver and Sensor with Battery Compartments. This image illustrates the main receiver unit and the outdoor sensor, highlighting where batteries are inserted in each device.

3.2 Sensor Placement

For accurate outdoor temperature readings, place the TX29U-IT sensor in a shaded area, away from direct sunlight and heat sources. Ensure it is sheltered from direct rain and snow to prevent damage, while allowing for adequate air circulation.

- The sensor transmits data up to 330 feet (100 meters) in open air at a 915 MHz frequency. Walls and other obstructions will reduce this range.
- Mount the sensor vertically using the provided hardware.

Figure 2: Recommended Sensor Placement. This image demonstrates an ideal outdoor location for the sensor, ensuring it is protected from direct weather elements and sunlight for accurate readings.

3.3 Initial Synchronization

After installing batteries in both units, the receiver will automatically attempt to connect with the outdoor sensor. This process may take a few minutes. Ensure both units are within range during initial setup. If the outdoor temperature does not appear, press the **"SEARCH"** button on the receiver to initiate a manual search for the sensor.

4. OPERATING INSTRUCTIONS

4.1 Display Overview

Figure 3: Receiver LCD Display. This image provides a detailed view of the receiver's digital screen, indicating the layout of indoor temperature, outdoor temperature, time, and date information.

The digital screen displays the following information:

- Current Indoor Temperature
- Current Outdoor Temperature
- Time (12-hour or 24-hour format)
- Date
- Minimum and Maximum Temperature Records with Time Stamp

4.2 Setting Time and Date

The unit features a quartz clock. To set the time and date:

1. Press and hold the **"SET"** button (or similar button, refer to specific unit markings) until the time display begins to flash.
2. Use the **"+"** or **"-"** buttons to adjust the flashing value (e.g., hour, minute).
3. Press **"SET"** again to confirm the setting and move to the next adjustable item.
4. Repeat until all time and date settings are configured.
5. The unit supports 12-hour or 24-hour time formats. This can typically be toggled during the time setting process.

4.3 Temperature Display (Fahrenheit/Celsius)

To switch between Fahrenheit (°F) and Celsius (°C) temperature display, press the **"°F/°C"** button, usually located on the back or side of the receiver unit.

4.4 Minimum and Maximum Temperature Records

The receiver automatically records the minimum and maximum indoor and outdoor temperatures. To view these records:

- Press the **"MIN/MAX"** button once to display the maximum recorded temperatures.

- Press the **"MIN/MAX"** button a second time to display the minimum recorded temperatures.
- Press the **"MIN/MAX"** button a third time to return to the current temperature display.
- To clear the recorded minimum and maximum values, press and hold the **"MIN/MAX"** button while the min/max values are displayed.

4.5 Adding Additional Sensors

The temperature station can accommodate up to three outdoor sensors. To add an additional sensor (sold separately), install batteries in the new sensor and then press the **"CHANNEL"** or **"SEARCH"** button on the receiver to cycle through channels or initiate a search for new sensors. Follow the pairing instructions provided with the additional sensor.

5. MAINTENANCE

- **Battery Replacement:** Replace batteries annually or when the low battery indicator appears on the display. Use only alkaline batteries.
- **Sensor Care:** While the sensor is designed to withstand fog or mist, it should be sheltered from direct rain and prolonged exposure to harsh weather conditions to ensure longevity and accurate readings.
- **Cleaning:** Clean the display and sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.

6. TROUBLESHOOTING

Problem	Solution
No outdoor temperature reading.	- Ensure batteries are correctly installed in both receiver and sensor. - Press the **"SEARCH"** button on the receiver to manually search for the sensor. - Move the sensor closer to the receiver. Obstructions like walls can reduce transmission range. - Replace sensor batteries if they are old.
Inaccurate outdoor temperature.	- Relocate the sensor to a shaded area, away from direct sunlight or heat sources. - Ensure the sensor is sheltered from direct rain.
Display is blank or dim.	- Replace receiver batteries. - Check battery polarity.
Time is incorrect.	Manually set the time and date as described in Section 4.2.

7. SPECIFICATIONS

Model:	WS-9117U-IT-CBP
Indoor Temperature Range:	+32°F to +140°F (0°C to +60°C)

Outdoor Temperature Range:	-39.8°F to +157.2°F (-39.9°C to +69.6°C)
Temperature Accuracy:	±1°C
Transmission Frequency:	915 MHz
Transmission Range:	Up to 330 feet (100 meters) in open air
Receiver Power:	2x AAA Alkaline Batteries (not included)
Sensor Power:	2x AA Alkaline Batteries (not included)
Receiver Dimensions:	5.1 x 2.47 x 1 inches (129.5 x 62.7 x 25.4 mm)
Sensor Dimensions:	5 x 1.5 x 0.8 inches (127 x 38.1 x 20.3 mm)
Material:	Plastic
Display Type:	LCD Monitor

8. WARRANTY AND SUPPORT

This product is covered under a limited 1-year warranty from the date of purchase. For warranty claims or technical support, please refer to the contact information provided with your product packaging or visit the official La Crosse Technology website.

For additional support and product information, you may visit the La Crosse Technology Store on Amazon.