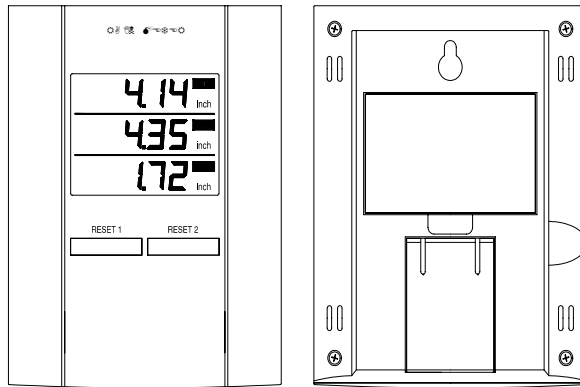


**WS-7048U**  
**WIRED RAIN METER**  
**Instructional Manual**

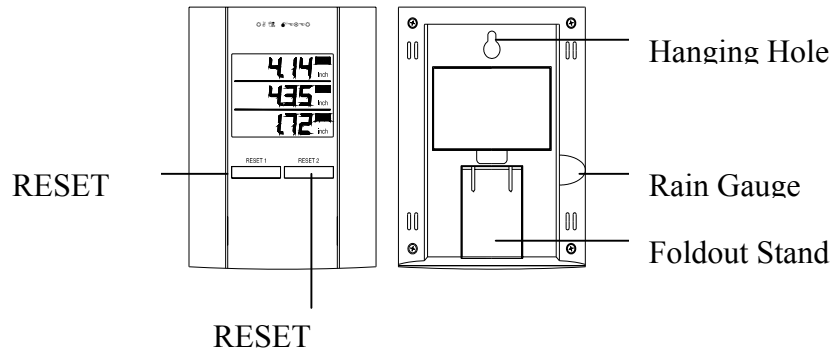


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### Introduction:

Thank you for purchasing this innovative Wired Rain Meter for display of rainfall data through a connected wired rain gauge. With two easy to use function keys, this innovative product is ideal for use in the home or office.

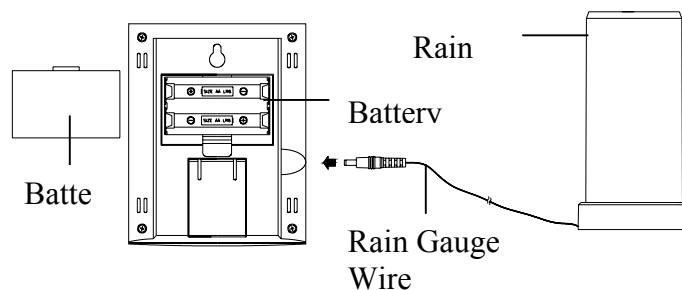
### Wired Rain Meter



### Features:

- Three displays of rainfall quantity
- Transmission of rainfall data through a connected wired rain gauge
- Rainfall unit display in inch or millimeter
- Manual and auto reset of rainfall data
- Auto OFF function
- Wall mounting or table standing

## Setting Up:



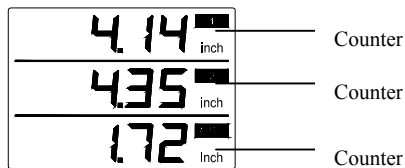
1. Connect the wire of the rain gauge to the jack of the Rain Meter
2. Observing the correct polarization, insert 2 x AA, IEC LR6 batteries into the compartment at the back of the Rain Meter and replace the cover.
3. All segments of the LCD will light up briefly. Then 0.00 inch or 0.00mm (default in inch units) will be displayed in all 3 counters. If the "0.0" is not displayed after a few seconds, remove the batteries and wait for at least 10 seconds before reinserting them.
4. Place the rain gauge in an appropriate location (wire length is 33 feet/ 10 meters)

### Note:

When opening the battery cover make sure that the batteries do not spring free from the contacts since this will cause start and transmission problems.

### Battery Change:

It is recommended to replace the batteries in the unit on an annual basis to ensure optimum accuracy.



### Keys Function:

The simple design of this product features two **RESET** keys.

**RESET 1 Key:** Press for 5 seconds to reset the rainfall data of counter 1 to “0”

**RESET 2 Key:** Press for 5 seconds to reset the rainfall data of counter 2 to “0”

**Pressing both the RESET 1 and RESET 2 keys:**  
Changes the display between inch and mm

### Display of rainfall data:

When raining, the rainfall data will be collected through the rain gauge and transmitted to the Rain Meter (receiver) in counter 1, 2, and “AUTO”.

### Counter 1 & 2

The rain quantity data will be displayed in counters 1 and 2. New rain data will be added to the previous records and unless the counters are manually reset by pressing RESET 1 or RESET 2 key, the rain data will increase continuously to a maximum of 999.99 inch or 9999.9 mm. Above this amount, the data in counters 1 and 2 will be overflowed and start from 0.

### Counter “AUTO”

The rain quantity data will also be displayed and added to the previous recorded data in the “AUTO” counter. The rain data cannot be reset manually.

**Note:** If no rain is recorded during a period of 2 hours the “AUTO” counter will display the last recorded data. The “AUTO” counter will automatically reset to 0.00 inch or 0.0 mm when rain begins again.

**Auto Off Function:**

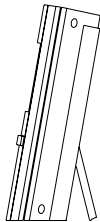
The Rain Meter will automatically power OFF when no rain has been recorded the last 12 hours and no keys have been pressed during that period.

**Note:** When measurable rain begins again or a button is pressed the Rain Meter will automatically power ON and the counters will display:

- **Counter 1 and 2:**  
New rain data will be collected and added to the last record before the Rain Meter was automatically powered down.
- **Counter AUTO:**  
The counter will automatically reset to 0.00 inch or 0.0 mm and begin displaying current rain data.

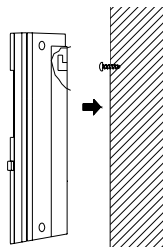
**Positioning The Rain Meter:**

The Rain Meter can be positioned on a flat surface or on a wall.



**Foldout Table Stand**

The foldout table stand is located on the backside of the Rain Meter. Carefully pull out the stand and place the Rain Meter in the desired location.



**Wall Mounting**

Place a screw in the desired location leaving the head extended about 1/4” from the wall. Hang the Rain Meter on the screw ensuring that the Rain Meter locks into place.

## Positioning The Rain Gauge

Position the connected rain gauge outdoor to collect rainfall data (maximum length of wire: 33 feet/ 10m). Ensure that the rain gauge is placed in a secure and flat location where it can properly collect properly rain quantity without obstruction. Ensure also that the rain gauge is securely mounted at the appropriate location otherwise it may not transmit accurate rainfall data.

## Maintenance

- Avoid placing the units in locations prone to extreme temperatures, vibration and shock since these may cause damage and inaccurate readings.
- When cleaning the display and casing of the Rain Meter use a soft damp cloth only. Do not use solvents or scouring agents as they may mark the casing and LCD.
- Do not submerge the Rain Meter in water.
- Immediately remove all low powered batteries to avoid leakage and damage. Replace only with new batteries of the recommended type.
- Please do not make any attempt to make any repairs to the units. Return them to their original point of purchase for repair by qualified personnel. Opening and tampering with the units will invalidate the warranty.

## Specifications

Rainfall display range:	0 to 9999.99 inch/ 0 to 9999.9 mm (overflow and will automatically restart from zero)
Rain meter data updating:	immediate when raining
Transmission period-Rain Sensor:	immediate when raining
Rain gauge wire length:	about 33 feet/ 10 meters
Power source:	2 x AA, IEC LR6 1.5V batteries
<b>Rain Meter dimensions (LxWxH)</b>	
Rain Meter:	3.62"x1.22"x4.52"/ 92x31x15mm
Rain Sensor:	5.51"x2.75"x5.39"/140x70x137mm

### **Liability Disclaimer**

- The manufacturer and supplier cannot accept any responsibility for any incorrect readings and any consequences occurring should an inaccurate reading take place.
- This product is not to be used for medical purposes or for public information.
- This product is designed for strict home use as an indication of rain quantities and is not 100% accurate. Readouts given by this product should be taken only as an indication and not as being totally accurate.
- The specifications of this product may change without prior notice.
- This product is not a toy. Keep out of the reach of children.
- No part of this manual may be reproduced without written consent of the manufacturer.

## WARRANTY INFORMATION

La Crosse Technology provides a 1-year warranty on this weather station. Contact La Crosse Technology immediately upon discovery of any defects covered by this warranty.

Before sending the Weather Station in for repairs, contact La Crosse Technology. The Weather Station will be repaired or replaced with the same or similar model.

This warranty does not cover any defects resulting from improper use, unauthorized repairs, faulty batteries, or the Weather Stations inability to receive a signal due to any source of interference.

LA CROSSE TECHNOLOGY WILL NOT ASSUME LIABILITY FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR OTHER SIMILAR DAMAGES ASSOCIATED WITH THE OPERATION OR MALFUNCTION OF THIS WEATHER STATION. THIS PRODUCT IS NOT TO BE USED FOR MEDICAL PURPOSES OR FOR PUBLIC INFORMATION. THIS PRODUCT IS NOT A TOY. KEEP OUT OF CHILDRE'S REACH.

This warranty gives you specific legal rights. You may also have other rights specific to your State. Some States do not allow the exclusion of consequential or incidental damages therefore the above exclusion of limitation may not apply to you.

For warranty work, technical support, or information contact

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Fax: 507.895.8000

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(information on other products)

web:

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