

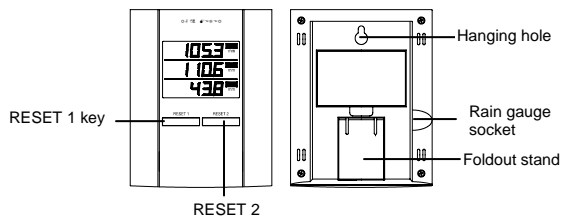
WIRED RAIN METER

Instruction manual

INTRODUCTION:

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

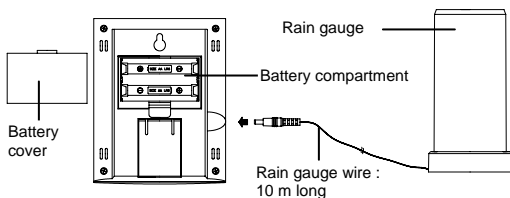
Wired Rain Meter



FEATURES:

- Displays of rainfall quantity
- Transmission of rainfall data through a connect wired rain gauge
- Rainfall unit display in mm or inch
- 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 0.0mm or 0.00 inch (default in millimeter 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 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.

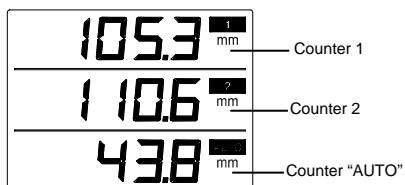
BATTERY CHANGE:

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



Please participate in the preservation of the environment. Return used batteries to an authorised depot.

LCD SCREEN



KEYS FUNCTION

The simple design of this product features two **RESET**-key.

RESET 1 key: Press for 4 seconds to reset the rainfall data of counter 1 to "0"

RESET 2 key: Press for 4 seconds to reset the rainfall data of counter 2 to "0"

Pressing both the RESET 1 and RESET 2 keys:

To toggle the unit display between mm and inch

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 3.

COUNTER 1 & 2

The rain quantity data will be displayed in counters 1 & 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 9999.9 mm or 999.99 inch. Above this amount, the data in counters 1 & 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; and will automatically reset to 0.0 mm or 0.00 inch after 2 hours if raining again.

AUTO OFF FUNCTION

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

Note:

When raining after 12 hours, the Rain Meter will automatically power ON and the counters will displayed:

- **Counter 1 & 2:**
New rain data will be collected and added to the last record before the Rain Meter was automatically power down.
- **Counter AUTO:**
Once the Rain Meter is power up (note: during power ON, the counter must be reset first), the counter "AUTO" will display the current rain data.

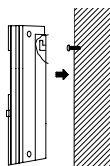
POSITIONING THE RAIN METER:

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



FOLDOUT TABLE STAND

The foldout table stand is located on the backside. Pull out carefully the stand. Once the foldout table stand is extended, place the Rain Meter in an appropriate location.



WALL MOUNTING

1. Fix a screw (not supplied) into the desired wall, leaving the head extended out the by about 5mm.
2. Hang the Rain Meter onto the screw. Remember to ensure that it locks into place before releasing.

POSITIONING THE RAIN GAUGE

Position the connected rain gauge outdoor to collect rainfall data (max length of wire: 10 m). Ensure that the rain gauge is place in a secure and flat location where it can collect properly rain quantity without obstruction. Ensure also that the rain gauge is securely fixed 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 display and casing of 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 its guarantee.

SPECIFICATIONS

Rainfall display range	:	0 to 9999.9mm / 0 to 999.99 inch (overflow and will automatic restart from zero)
Rain Meter data updating	:	immediate when raining
Transmission Period Rain Sensor	:	immediate if raining
Rain gauge wire	:	about 10 meters
Power sources:		
Rain Meter	:	2 x AA, IEC LR6, 1.5V
Dimensions (L x W x H)		
Rain Meter	:	92 x 31 x 115mm
Rain Sensor	:	140 x 70 x 137mm

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.