HOLMAN

Wireless Digital Rain Gauge

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User Guide

Customer Service
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www.holmanindustries.com.au

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Please be sure to read through all the instructions before attempting to use your product.

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For additional support, please visit
www.holmanindustries.com.au/DRG001/?=QR
or scan this QR code!

Product Code: DRG001

Considerations

- Your **OUTDOOR SENSOR** can be mounted on any level surface, using the included bracket. It is important that the water is able to drain away easily, please do not place the **OUTDOOR SENSOR** in an area where water may build up around the **OUTDOOR SENSOR** body
- A general rule is that a gauge should be placed away from any obstruction, within easy access. You may need to clear your funnel of leaves or other debris, so access is important
- Because high winds can affect rain readings (due to gusts), consider a protected location where possible
- **Requires 5× AA batteries - not included (3 for the INDOOR UNIT and 2 for the OUTDOOR SENSOR)**

OUTDOOR SENSOR

INDOOR UNIT

Maintenance

- It is fair to assume that you will need to clean your **OUTDOOR SENSOR** at least twice a year, more in some areas. Items such as leaves, bird droppings and curious insects, can block the funnel or stop the internal mechanism
- Your **OUTDOOR SENSOR** features a click lock lid which is easily removed for cleaning
- Surface spray may be used on the underside of the funnel to keep insects from making their home in the gauge
- Allow the spray to dry before replacing it on the gauge. Follow the guidelines on your spray for reapplication as needed, do not spray other parts of the gauge

Overview

INDOOR UNIT

1. Time display
2. Weekday
3. Calendar
4. Alarm clock and snooze icons
5. Rainfall display
6. Rainfall history display
7. Indoor temperature/humidity
8. Outdoor temperature/humidity external sensor
9. **SNOOZE/LIGHT** button
10. **MODE** button
11. **HIS** (history) button
12. **UP** button
13. **DOWN** button
14. **RAIN** button
15. Battery compartment 3×AA batteries required (batteries not included)

Overview (continued)

OUTDOOR SENSOR

16. Wireless signal indicator (flashes when data is being sent to the display unit)
17. Battery compartment 2× AA batteries required (batteries not included)
18. Mounting bracket

Overview (continued)

INDOOR UNIT Display Panel

a. Time (including alarm/snooze indicator)

b. Day of the week (7 languages available)

c. Calendar display
(day/month or month/day format available)

d. Rainfall period
(daily, weekly, monthly, total available)

e. Rainfall for the period selected

f. Low battery indicator for outdoor sensor and station

g. Rainfall history for last 6 hours

h. Indoor temperature
(0°C/32°F ~ +50°C/122°F),
indoor humidity (10-99%)

i. Outdoor temperature
(-40°C/-40°F ~ +70°C/158°F),
outdoor humidity (10-99%)

j. Max./Min. temperature and humidity memory
(displayed when viewing the MIN/MAX)

k. LED backlight and snooze button

Overview (continued)

INDOOR UNIT Display Panel (continued)

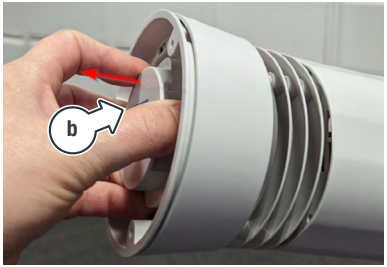
Setup

OUTDOOR SENSOR Setup

Remove the base from the* OUTDOOR SENSOR*, and insert batteries:

1. Remove the mounting bracket (a)
   (this is a click lock – turn clock wise to remove from the base)

2. Unscrew the 3 screws which hold the base plate (b) on, then pull the base out (this is suction seal, use the circular grip to hold, then pull up)



3. Insert 2× AA batteries

Setup (continued)

INDOOR UNIT Setup

***Power up the* INDOOR UNIT:**

1. Remove the battery compartment cover (c) from the screen and insert 3× AA batteries
2. Your screen will be backlit blue, changing to normal (non-backlit) mode within a minute
3. The screen will enter pairing mode and pair with the sensor at start up

4. The **OUTDOOR SENSOR** indicator will flash indicating pairing mode, this will stop flashing and turn solid once the sensor has connected, the screen will now display the temperature and humidity

Setup (continued)

Time Setting

1. Press and hold down the **MODE** button for 3 seconds the 12/24 hour mode starts to flash, use **UP** and **DOWN** buttons to set the correct 12/24 hour mode
2. Press **MODE** button to confirm your setting, the hour display starts to flash, use **UP** and **DOWN** buttons to set the correct hour
3. Press **MODE** button to confirm your setting, the minute display starts to flash, use **UP** and **DOWN** buttons to set the correct minute
4. Press **MODE** button to confirm your setting, the Month and Date icon display starts to flash, use **UP** and **DOWN** buttons to set the date display on Month/ Date or Date/Month
5. Press **MODE** button to confirm your setting, the year display starts to flash, use **UP** and **DOWN** buttons to set the correct year
6. Press **MODE** button to confirm your setting, the month display starts to flash, use **UP** and **DOWN** buttons to set the correct month
7. Press **MODE** button to confirm your setting, the date display starts to flash, use **UP** and **DOWN** buttons to set the correct date
8. Press **MODE** button to confirm your setting, the language start to flash, use **UP** and **DOWN** buttons set the correct language

ⓘ The language order is: ***German (GE), English (EN), French (FR), Italian (IT), Spanish (SP), Dutch (DU), Danish (DA)***

Setup (continued)

Time Setting (continued)

9. Press **MODE** button to confirm your setting, the rainfall unit start to flash, use **UP** and **DOWN** buttons set the correct rainfall unit (mm or in)
10. Press **MODE** button to confirm your setting and to end the set up

ⓘ If no button is pushed for 10 seconds, setting mode will end, press and hold the **MODE** button to start again

ⓘ Previous settings will be saved

Setup (continued)

Alarm Setting Mode

1. In standard mode, press (don't hold) **MODE** to enter alarm mode
2. In alarm mode, hold the **MODE** button for 2 seconds until the hour display of the alarm time starts to flash. Use the **UP** and **DOWN** buttons to set the required hour
3. Press **MODE** button to confirm your setting, the minute display of the alarm time starts to flash, use **UP** and **DOWN** buttons to set the required minute
4. Press **MODE** (or no key for 10 seconds) to exit and save the setting
5. The alarm icon will appear between the hour and minute of the time
6. In alarm mode, press **UP** or **DOWN** to turn the alarm ON or OFF. The alarm icon will appear or disappear

Setup (continued)

Alarm and Snooze

1. While the alarm is beeping, the alarm icon will flash
2. While the alarm is beeping, press the / Z^Z to active **SNOOZE**. The alarm will **SNOOZE** for 5 minutes, and then resume beeping. In **SNOOZE** mode Z^Z will appear below the alarm icon (between the hour and minute)
3. To turn the alarm off, press any key other than / Z^Z to return to normal time mode

Setup (continued)

Rainfall Setting

- The increment of the **OUTDOOR SENSOR** is 0.32mm, the indoor unit will not register falls below 1mm
- Rainfall: 0mm ~ 9999mm (0 inch ~ 393.6 inch)
- Resolution: 1mm (1000mm ~ 9999mm); 0.1 inch (all range for inch)
- Rainfall unit: mm or inch (changed using the time setting)
- The rainfall default displays the amount of daily rainfall. You can press **HIS** to check the past 24 hour rainfall. Press and hold the **HIS** button to clear the value
- In standard mode, press **RAIN** button can switch check the rainfall, the switch order: Daily - Weekly - Monthly - Total
- The daily rainfall will be cleared automatically at 12:00am (midnight)
- Weekly rainfall will be cleared automatically at 12:00am every Sunday (between Saturday and Sunday)
- Monthly rainfall will be cleared automatically at 12:00am (30/31 to 1) on the 1st of each month
- Each rainfall option can be cleared manually
- Press **RAIN** for 2 seconds to clear the current reading manually
- Using manual clear, when the display is daily rainfall, weekly rainfall, or monthly rainfall, will reset all reading (i.e clearing daily/weekly/monthly at the same time)

Setup (continued)

Rainfall Setting (continued)

- The total rainfall can be cleared independently (when your display shows total rainfall, press **RAIN** for 2 seconds to clear)
- Display panel will revert readings to hourly rainfall when rainfall commences and return to daily after a period of time without rain

NOTE

- Fine rain = 0.25mm/hour (0.01 inch)
- Light rain = 1.0mm/hour (0.04 inch)
- Moderate rain = 4.0mm/hour (0.16 inch)
- Heavy rain = 16.0mm/hour (0.63 inch)
- Thunderstorm = 35.0mm/hour (1.38 inch)
- Strong thunderstorms = 100.0mm/hour (3.94 inch)

Maximum and Minimum Temperature/Humidity Memory

1. Press the **UP** button once to display the maximum readings. Press the **UP** button again to display the minimum readings
2. To clear the memory, press and hold the **UP** button when the max or min readings are displayed. This will reset the memory to the current temperature and humidity readings being displayed on the monitor

Setup (continued)

RF Receiving Function

1. The clock will register RF signal for 3 minutes automatically when power on
2. In standard mode, press and hold **DOWN** for 2s, clear and register again the value

When you reset the RF connection, the MAX/MIN date will also be cleared

Accuracy

1. Temperature accuracy:
   -40°C ~ -20°C: ± 4°C
   -20°C ~ 0°C: ± 2°C
   0°C ~ +50°C: ±1°C

When the temperature reaches 50°C ~ 60°C range, the temperature is only for reference

2. Humidity accuracy:
   +/- 5 % RH (@25°C, 30% RH to 150% RH);
   +/- 15 % RH (@25°C, 20% RH to 29% RH, 151% RH to 95% RH

Warranty

2 Year Replacement Guarantee

In Australia, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

In addition to the rights and remedies you have under laws relating to your Holman product, we also provide you with a Holman warranty.

Holman warrants this product against defects caused by faulty workmanship and materials for 2 years from the date of purchase. During this warranty period Holman will replace any defective product.

In the event of a product being replaced during the warranty period, the warranty on the replacement product will expire 2 years from the purchase date of the original product, not 2 years from the date of replacement.

To the extent permitted by law and without limiting the consumer guarantee, this Holman Replacement Warranty only covers products that have been put to domestic use, and excludes liability for consequential loss or any other loss or damage caused to property of persons arising from any cause whatsoever. It also excludes defects caused by the product not being used in accordance with instructions, accidental damage, misuse, or being tampered with by unauthorised persons, excludes normal wear and tear and does not cover the cost of claiming under the warranty or transporting the goods to and from the place of purchase.

Should you suspect your product may be defective and need some advice, visit Holman Industries website: support.holmanindustries.com.au.

If you consider that this warranty covers your defective product, present your defective product and your receipt as proof of purchase to the place of purchase, where the retailer will replace the product for you on our behalf.

Thanks for being a #SMARTGARDENER

We really appreciate having you as a customer, and would like to say thank you for choosing us.

We recommend registering your new product on our website. This will ensure we have a copy of your purchase and activate an extended warranty. Keep up to date to with relevant product information and special offers available through our newsletter.

www.holmanindustries.com.au/product-registration/

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