HOLMAN

H E L I O S : WI-FI DATA IN YOUR OWN GARDEN
Wi-Fi Weather Station

www.holmanindustries.com.au

User Guide

For additional support, please visit
www.holmanindustries.com.au/WS5095W
or scan this QR code!

Contents

Precautions

🛈 Read through these instructions in their entirety before attempting to setup up your **Helios Wi-Fi Weather Station**

🛈 Do not subject the unit to excessive force, shock, dust, temperature or humidity

🛈 Do not cover the ventilation holes with any items such as newspapers, curtains etc.

🛈 Do not immerse components in water

🛈 If you spill liquid over any indoor components, dry immediately with a soft, lint-free cloth

🛈 Do not clean the unit with abrasive or corrosive materials

🛈 Do not tamper with the units internal components to avoid invalidating your warranty

🛈 Placement of this product on certain types of wood may result in damage to its finishing for which Holman Industries will not be responsible

🛈 Only use fresh non-rechargeable alkaline batteries. Do not mix new and old batteries

🛈 Risk of explosion if the battery is replaced by an incorrect type

🛈 Disposal of a batteries into fire or a hot oven, or mechanically crushing or cutting of batteries can result in an explosion

🛈 Leaving batteries in an extremely high temperature surrounding environment can result in an explosion or the leakage of flammable liquid or gas

🛈 Batteries subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas

🛈 Only use genuine **HOLMAN** attachments or accessories available at www.holmanindustries.com.au to ensure your warranty stays valid

🛈 Dispose of used batteries according your local recycling regulations

🛈 Ensure your **Display Panel** is installed near your power outlet and is easily accessible

🛈 The contents of this manual may not be reproduced without the permission of **Holman Industries**

🛈 Technical specifications and user manual contents for this product are subject to change without notice. We advise checking www.holmanindustries.com.au for the latest information

🛈 This product is not a toy. Keep out of the reach of children

🛈 The **Display Panel** is intended to be used only indoors

🛈 Only use the supplied power adaptor to power your **Display Panel**

⚠ **Risk of explosion if battery is replaced by an incorrect type**

Overview

Live Data Display Panel

- Dimensions (W × H × D): 215 × 173 × 30mm
- Weight: 630g
- Input Power: DC 5V, 1.2A adaptor
- Backup Battery: 3 × AAA size, 1.5V Alkaline, non-rechargeable (not included)
- Wi-Fi Standard: 802.11 b/g/n
- Wi-Fi Operating Frequency: 2.4GHz
- Supported Router Security Type: WPA/WPA2, OPEN, WEP
- Backlight: White LED
- Graphic History: Indoor/Outdoor Temperature, Indoor/Outdoor Humidity, Rainfall, Barometer
- Low Battery Indicator: Indoor/Outdoor
- Outdoor Sensor RF Frequency: 917MHz
- Outdoor Sensor RF Range: 100m line-of-sight
- Time Display: HH:MM:SS
- Time Alarm: Dual with 5 minute snooze
- Hour Format: 12hr AM/PM or 24 hr
- Date Display: Day, Month and Day of Week
- Time Synchronisation: Internet time server
- Time Zone: +12 ~ -12 hour
- Barometer Units: hPa, inHg and mmHg
- Barometer Measuring Range: 850 ~ 1050hPa (accuracy ±5hPa)

- Weather Forecast: Sunny, Partly Sunny, Cloudy, Rainy, Storm
- Temperature Units: °C and °F
- Indoor Temperature Range: -10°C ~ 50°C (±1°C accuracy)
- Temperature Alarm: High/Low temperature alert for Indoor and Outdoor
- Humidity Units: %
- Humidity Range: 20% ~ 95% (accuracy ±5%)
- Wind Speed Units: km/h, mph
- Wind Speed Display Range: 0 ~ 215km/h (accuracy: ±10%)
- Wind Direction Display Mode: 16 directions
- Rainfall Units: mm and in
- Rainfall Display Mode: Today (as of 9am), Yesterday, Total (0-999.9mm, accuracy <15mm: ±10%, accuracy 15-999.9mm: ±7%)
- UV Index Display Range: 0 ~ 16
- Light Intensity Display Range: 0 ~ 130klx
- Sunshine Time: hr/day
- Moon Phases: Full Moon, Waning Gibbous, Last Quarter, Waning Crescent, New Moon, Waxing Crescent, First Quarter, Waxing Gibbous
- Sunrise/Sunset: 176 cities
- Weather Index Modes: Feels Like (-65°C ~ 50°C) / Wind Chill (-65°C ~ 18°C) / Heat Index (26°C ~ 50°C) / Dew Point (-20°C ~ 60°C), out of display range will read LL (low) or HH (high)

Outdoor Sensor

- Dimensions (W × H × D): 396 × 313 × 151mm
- Weight: 890g
- Connection Frequency: RF 917MHz

- Connection Range: 100m line-of-sight
- Operating Temperature Range -40°C ~ 70°C (+/-1°C accuracy)
- Input Power: Solar with rechargeable Li-ion battery, 3.7V, 5000mAh

Overview (continued)

Package Contents

1. All-in-One *Outdoor Sensor* with solar panel
2. Live Data *Display Panel*
3. Stainless steel mounting pole (fasteners included)
4. 3.7V, 5000mAh Li-ion rechargeable battery
5. Battery charger
6. Power cable for *Display Panel*

Model no: WS5095W

Overview (continued)

Live Data Display Panel

BARO WIND LIGHT/SNOOZE INDEX RAINFALL

OUTDOOR
26.2°C 60% MAX

IND 23.2°C 68% MAX

TIME 20:15⁵⁹

SUNRISE 8:00 SUNSET 20:00

DATE 3.4.WED

FORECAST WIND

MOON PHASE

INDEX UV INDEX 2.8

RAIN 5.2 mm

BARO 1009 hPa

GRAPH
BAROMETER

HOLMAN
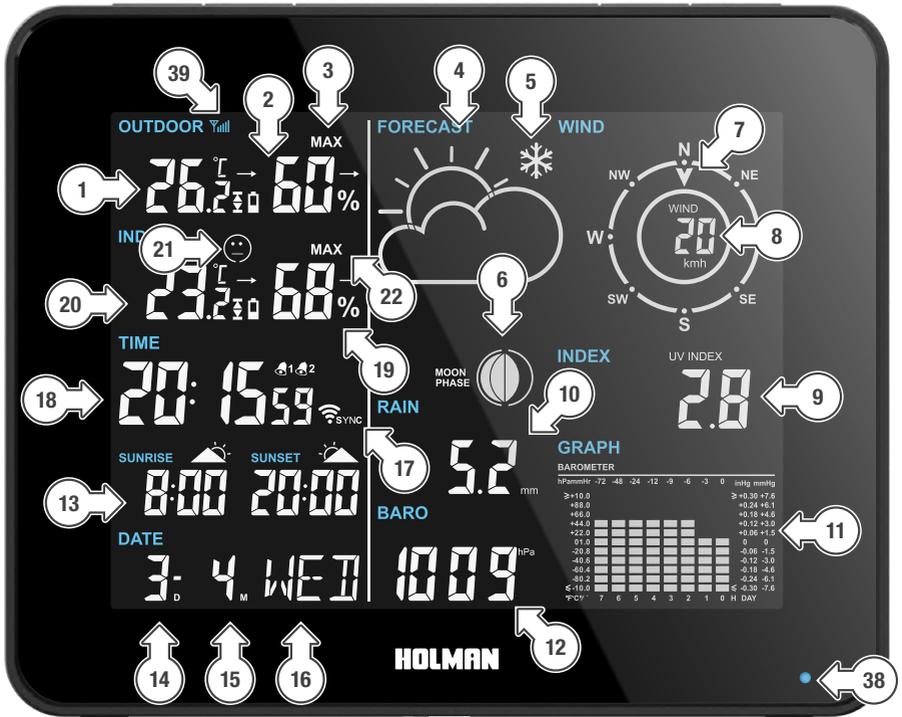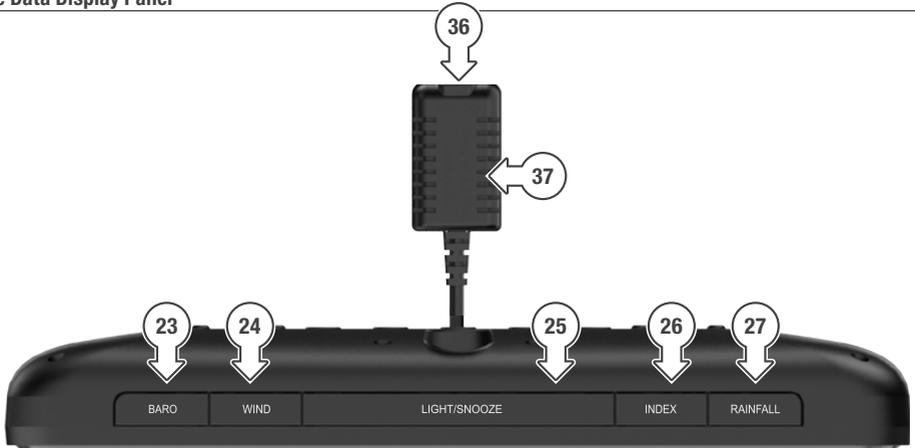
Overview (continued)

1. Outdoor Sensor temperature with trend, alert, and battery indicator
2. Outdoor humidity with trend
3. Outdoor min/max indicator
4. Forecast indicator
5. Frost indicator
6. Moon phase indicator
7. Wind direction indicator
8. Wind speed
9. Weather index
10. Rainfall
11. Graphic history
12. Air pressure/sunshine
13. Sunrise/sunset times
14. Date
15. Month
16. Day
17. Time sync and Wi-Fi indicator
18. Time with alarm indicators
19. Indoor humidity with trend
20. Indoor Sensor temperature with trend, alert, and battery indicator
21. Comfort indicator
22. Indoor min/max indicator
23. **BARO**
24. **WIND**
25. **LIGHT/SNOOZE**
26. **INDEX**
27. **RAINFALL**
28. **WIFI** connection on/off
29. **MODE**
30. **+**
31. **—**
32. **GRAPH**
33. **SEARCH**
34. Stand
35. AAA battery compartment
36. 5.0V, 1.2A power jack
37. Hygro-thermo detector
38. Wi-Fi indicator LED
39. RF connection indicator
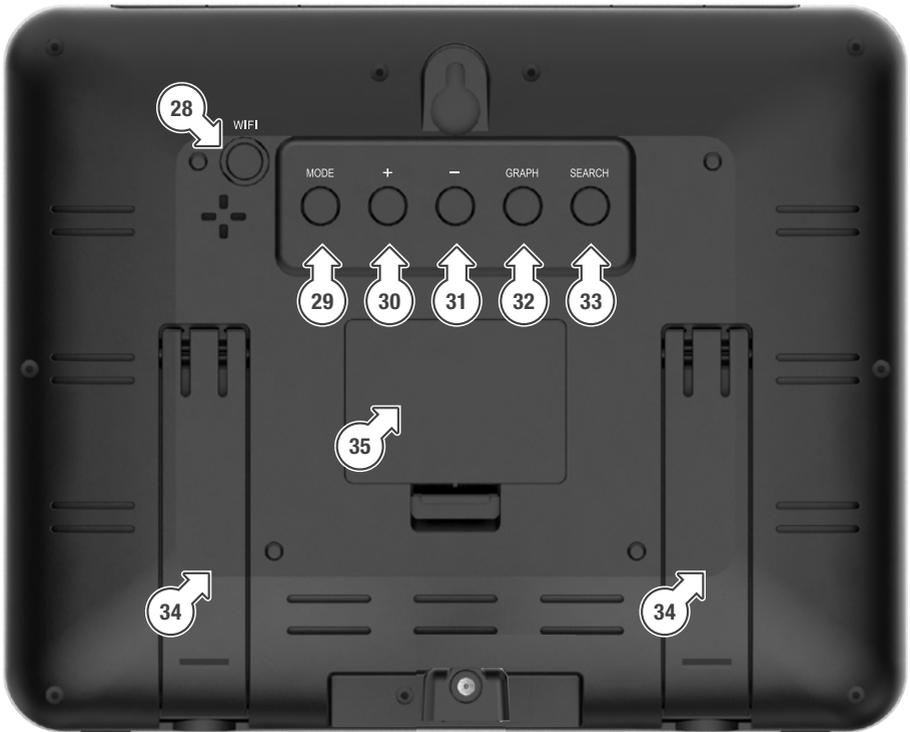
Overview (continued)

Outdoor Sensor

1. Wind vane
2. Wind speed sensor
3. Hygro-Thermo sensor
4. Stainless steel pole
5. RF indicator LED
6. Sync button
7. Rainfall sensor access screw

8. Rainfall sensor
9. Battery compartment
10. Balance spirit level
11. Rain gauge cup
12. UV and sunshine sensor
13. Solar panel

ℹ Rainfall sensor (8) can be removed periodically for cleaning purposes

⚠ **Do not carry by the wind vane or wind speed sensors**
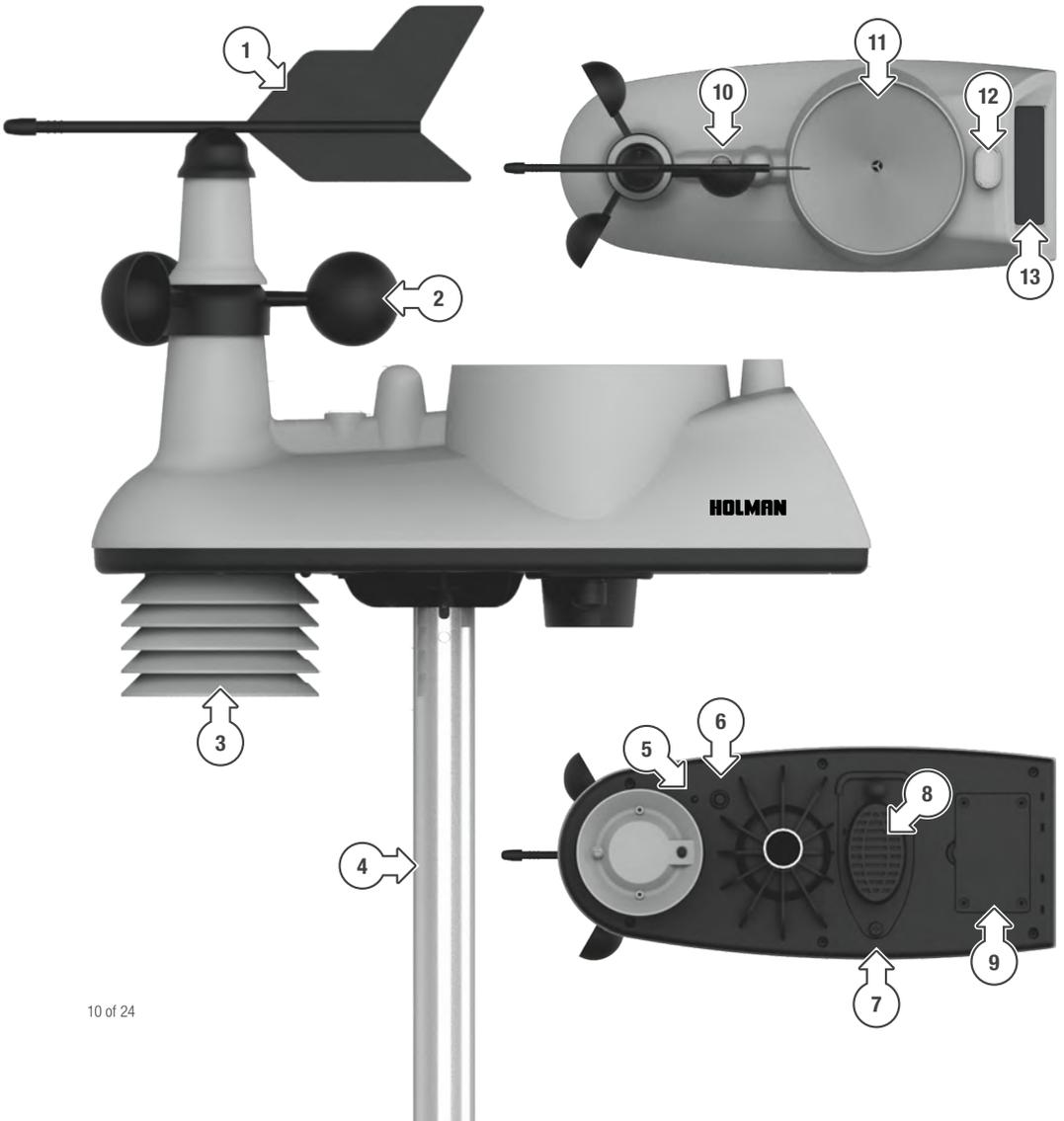
Installation and Setup

Setup Summary

ⓘ The following summary outlines the key setup steps for your **Helios Wi-Fi Weather Station**

ⓘ Refer to the following sections in this manual for more details on each setup step

STEP i: Charge and set up the **Outdoor Sensor**
STEP ii: Set up your **Display Panel** and connect to your **Outdoor Sensor**
STEP iii: Connect your **Weather Station** to **Holman Home**
STEP iv: Mount your **Outdoor Sensor**
STEP v: Set your **CITY** for sunrise and sunset times, and other custom time settings

STEP i: Outdoor Sensor Setup

Charging the Battery

1. Fully charge the battery using the supplied charger before setting up the outdoor sensor

2. Observe the ✚ and ➖ polarity when installing the battery into the charger (a)

3. The red light will turn on during the charging process (b)

4. The light will turn green when the battery is full (c)

ⓘ This should take no longer than 10 hours

Installing the Battery

1. Unscrew the battery cover (d) and insert the battery with the correct ✚ and ➖ polarity (e)

2. Observe the red LED light near the Hygro-Thermo sensor (f)
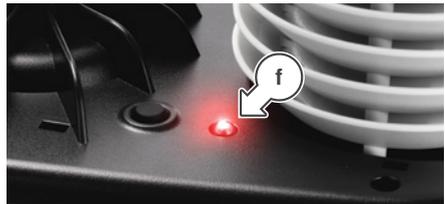
ⓘ This will flash every minute when transmitting RF signal to the **Display Panel**

3. Close the battery cover and replace the screws

ⓘ The solar charging system should maintain the battery long-term without replacement

Installation and Setup (continued)

STEP ii: Display Panel Setup and Connection

1. Open the battery cover located at the back of the *Display Panel* and insert **AAA** batteries (a) at the correct ✚ and ━ polarity

ℹ️ These batteries protect data in the case of a power outage

ℹ️ The LCD on the *Display Panel* will activate and then return blank–press **LIGHT/SNOOZE** to reactivate

2. The **RF CONNECTION INDICATOR** 📶 will flash for 3 minutes once battery power is established to enable connection to your outdoor sensor

ℹ️ Ensure the *Outdoor Sensor* is powered within this time frame for easy connection

3. Connect the *Display Panel* to mains power using the supplied 5.0V, 1.2A adaptor

ℹ️ The LCD on the *Display Panel* will activate

ℹ️ The **RF CONNECTION INDICATOR** 📶 will be stable when RF connection has succeeded

ℹ️ Once RF connection is successful, outdoor temperature and humidity readings should be available

ℹ️ In case of connection failure, hold **SEARCH** at the back of the *Display Panel* for 5 seconds to try again

⚠️ When the batteries are replaced without AC power, the *Display Panel* will lose all weather data and settings, and will need to be resynchronised to the *Outdoor Sensor*

STEP iii: Connecting to Holman Home

Installing Holman Home

1. Download *Holman Home* to your mobile device via the *App Store* or ▷ *Google Play*

⚠️ All app processes may change with software and OS updates on your device

ℹ️ Visit our website for up-to-date details www.holmanindustries.com.au/holman-home/

2. Open *Holman Home* on your mobile device

3. You may be prompted to allow notifications–the app can still function if you choose to opt out

4. Tap **SIGN UP**

5. Read our User Agreement and Privacy Policy and tap **AGREE** if you wish to proceed

6. Follow the prompts to register a *Holman Home* account with your email address

⚠️ Ensure your country details are correct at this stage

⚠️ You may be prompted to allow access your location. This is required for your weather station to work correctly

ℹ️ We recommend having Bluetooth® active on your device before proceeding

For more features, like **SMART AUTOMATIONS**, check out www.holmanindustries.com.au/WS5095W or scan this QR code!

Installation and Setup (continued)

Adding your Weather Station to Holman Home

1. Access the **HOME** screen for *Holman Home* as shown

2. Ensure the Wi-Fi indicator LED on the *Display Panel* (bottom right) is flashing red quickly

ℹ If this LED is not flashing, press and hold **WIFI** at the back of the *Display Panel* until the front LED starts flashing red quickly

3. Tap ➕ (a) or **ADD DEVICE** (b)

4. Follow the prompts within *Holman Home* to work through the Wi-Fi connection setup

Accessing Weather Data

1. Once linked to *Holman Home*, you can tap the *Helios* icon (c) on the **HOME** screen

2. Tap to open the **TODAY** screen for your Helios Weather station
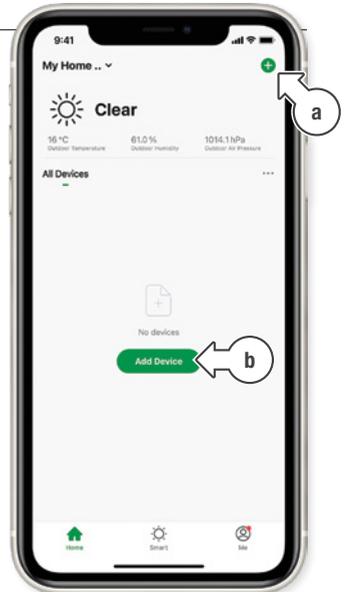
3. This screen displays the following information:
   d. Your *Weather Station* name, which can be changed by tapping ⚙
   e. Your *Weather Station* location
   f. Live sensor data from your *Outdoor Sensor* and *Display Panel*
   g. Additional weather data

ℹ You may need to scroll down to access the additional weather information

4. For additional weather controls, use the navigation menu at the bottom to access:
   h. **TODAY** screen for your Helios Weather Station
   i. **ALARMS** for time alarms
   j. **ALERTS** for temperature based alerts
   k. **HISTORY** for historical weather data based on your sensor readings
   l. **UNITS** to set measurement units for your weather data readings

Installation and Setup (continued)

STEP iii: Connecting to Holman Home (continued)

Setting Time Alarms

1. From the **TODAY** screen, tap **ALARMS** (i) in the bottom navigation bar

2. Tap one of the existing alarms (m) to access their settings

3. Toggle the alarm time as desired (n) and tap **SAVE** (o) to confirm

ⓘ Active alarms are indicated with 🔔**1** and/or 🔔**2** next to the time on the *Display Panel*

ⓘ Alarms will sound from the *Display Panel* for 2 minutes unless a button is pressed

ⓘ When an alarm sounds, press **LIGHT/SNOOZE** to snooze the alarm for 5 minutes

ⓘ Snooze can be disabled by pressing any other button on the *Display Panel*

Setting Weather Alerts

1. From the **TODAY** screen, tap **ALERTS** (j) in the bottom navigation bar

2. Tap **INDOOR** (p) or **OUTDOOR** (q) as desired to set the alert conditions

ⓘ This will open alert settings to set the maximum and minimum temperature alerts

3. Once you have set the desired alert settings (r), tap **SAVE** (s) to confirm

ⓘ When a maximum or minimum temperature has been reached, the *Display Panel* will sound 5 beeps every minute until the temperature either drops or rises back within the range of the alert settings.

ⓘ The *Display Panel* will flash 🔺 or 🔻 against the relevant temperature reading

Installation and Setup (continued)

STEP iv: Mounting the Outdoor Sensor

1. For accurate readings, the metal pole should be securely mounted on a horizontal surface, at least 1.5 m above ground in an open area

2. To ensure your *Outdoor Sensor* points in the correct direction, use a compass to establish North

3. Align the *Outdoor Sensor* solar panel (b) to face the same direction

4. Hold the direction vane in line with the solar panel as shown (c) and wait for one minute

5. Review *Holman Home* or the *Display Panel* and the wind direction should report as North

ⓘ If the vane does not report exactly North, adjust the *Outdoor Sensor* angle accordingly

6. Ensure the **BALANCE SPIRIT LEVEL** (a) is centred before finalising mounting

ⓘ Avoid trees and other obstacles where rainfall, wind speed or sunlight may be affected

ⓘ Try to install as close as possible to your indoor *Display Panel*

ⓘ Concrete walls and floors, and electronic devices can reduce transmission distance between the *Outdoor Sensor* and the *Display Panel*
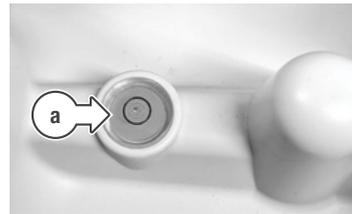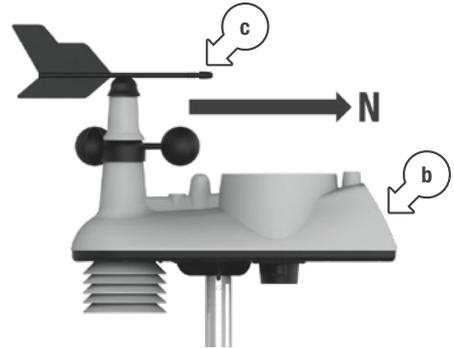
Installation and Setup (continued)

STEP v: Manual Time Setup

- ⓘ Your **Display Panel** is in **Time Display** mode by default

- ⓘ Once your **Display Panel** is connected to **Holman Home**, settings labelled with 🌐 below will be overridden by synchronised internet data–skip adjusting these settings if you intend to connect to **Holman Home**

- ⓘ Your **Display Panel** should time sync every hour and display the correct date/time

- ⓘ Your **Display Panel** will revert back to **Time Display** if no keys are pressed for 20 seconds

1. Press and hold **MODE** for three seconds to enter **Setup Mode**

2. The 12/24 hour indicator will flash; use ➕ and ➖ to select between 12 hour or 24 hour time, and **MODE** to confirm

3. **TIME ZONE** 🌐 will flash; use ➕ and ➖ to adjust accordingly, and **MODE** to confirm

4. **DM/MD** will flash in the **DATE** section; use ➕ and ➖ to toggle between **MD** (month/day) or **DM** (day/month) and press **MODE** to confirm

5. The **YEAR** 🌐 will flash; use ➕ and ➖ to adjust, press **MODE** to confirm

6. The **MONTH** 🌐 will flash; use ➕ and ➖ to adjust, press **MODE** to confirm

7. The **DATE** 🌐 will flash; use ➕ and ➖ to adjust, press **MODE** to confirm

8. The hour will flash in the **TIME** 🌐 section; use ➕ and ➖ to adjust, press **MODE** to confirm

9. The minutes will flash in the **TIME** 🌐 section; use ➕ and ➖ to adjust, press **MODE** to confirm

10. The **CITY** will flash; use ➕ and ➖ to select from 176 worldwide cities–your **Display Panel** uses this to provide sunrise and sunset times–press **MODE** to confirm

- ⓘ Refer to the following list for available **CITY** configurations in Australia and New Zealand

- ⓘ If your city is not available, please choose the nearest city in your time zone

Australia		
1	Sydney	**SYD**
2	Melbourne	**MEL**
3	Hobart	**HBA**
4	Adelaide	**ADL**
5	Perth	**PER**
6	Darwin	**DRW**
7	Canberra	**CBR**
8	Townsville	**TSV**
9	Alice Springs	**ASP**
10	Cairns	**CNS**
11	Broome	**BME**
12	Geraldton	**GER**
13	Newcastle	**NCL**
14	Rockhampton	**ROK**
15	Mackay	**MKY**
16	Carnarvon	**CAR**
17	Esperance	**EPR**
18	Albany	**ALB**
19	Mt. Gambier	**MGM**
20	Warrnambool	**WMB**
21	Albury–Wodonga	**AL**
22	Brisbane	**BRS**
New Zealand		
23	Auckland	**AKL**
24	Wellington	**WLG**
25	Christchurch	**CHC**
26	Dunedin	**DUD**

Mounting the Display Panel (Optional)

- ⓘ The **Display Panel** can be placed onto any flat surface, wall mounted at the desired location using mounting hole

- ⓘ Ensure the **Display Panel** has easy to access AC power when installing

Operation and Settings

Temperature Units °C/°F Selection

ℹ️ When in *Time Display*, press ➖ to toggle the temperature units between °C or °F

Daily Max/Min

ℹ️ When in *Time Display*, your *Display Panel* will show live indoor/outdoor temperature and humidity data

1. Press ➕ to display the current day maximum temperature and humidity

ℹ️ Hold ➕ for more than three seconds to clear the maximum daily records

2. Press ➕ again to display the current day minimum temperature and humidity

ℹ️ Hold ➕ for more than three seconds to clear the minimum daily records

Temperature and Humidity Trends

ℹ️ Current temperature and humidity trends are indicated by arrows next to the relevant readings in the **INDOOR** and **OUTDOOR** sections on the *Display Panel*, as follows:

    Trending up

    Stable

    Trending down

Frost Conditions

ℹ️ In temperatures between -1°C ~+1°C, the frost icon ❄ will flash in the **FORECAST** section

ℹ️ In temperatures below -1.1°C, the frost icon ❄ will display stable in the **FORECAST** section

Air Pressure

ℹ️ Air pressure can be displayed in **hPa** ,**inHg**, or **mmHg** in the **BARO** section on the *Display Panel*

ℹ️ When in *Time Display*, press **BARO** button to cycle through the available air pressure units

Sunshine Time

ℹ️ **SUNSHINE TIME** is the time in the day between *sunrise* and *sunset*

ℹ️ *Sunrise* is defined as the instant in the morning under ideal meteorological conditions, with standard refraction of the sun's rays, when the upper edge of the sun's disk is coincident with an ideal horizon

ℹ️ *Sunset* is defined as the instant in the evening under ideal meteorological conditions, with standard refraction of the sun's rays, when the upper edge of the sun's disk is coincident with an ideal horizon

ℹ️ **SUNSHINE TIME** can be displayed as **KLux** or **H/Day**

1. When in *Time Display*, press **BARO** three times to cycle past the air pressure data and show the illuminance under **SUNSHINE** as **KLux**

2. Press **BARO** again to show the **SUNSHINE TIME** as **H/Day**

Wind Speed and Direction

ℹ️ Press **WIND** to toggle the wind speed between **km/h** and **mph** as desired

ℹ️ Wind speed and direction data is updated once every minute

Operation and Settings (continued)

Rainfall

ⓘ When in *Time Display*, press **RAINFALL** to cycle through the available data readings: **TODAY** (as of 9 am), **YESTERDAY** (as of 9 am) and **TOTAL**

ⓘ After displaying TOTAL, pressing RAINFALL again can toggle the RAIN units from **mm** to **in** and vice versa

ⓘ If any reading exceeds the maximum of 999.9mm, the **RAIN** display will flash

ⓘ Hold **RAINFALL** for more than three seconds when displaying any of the above readings to reset the data as desired–this is recommended when the maximum rainfall is exceeded or when using **TOTAL** to measure rainfall across a custom period of time

Index

ⓘ When in *Time Display*, press **INDEX** to cycle through the available weather indexes: **UV INDEX**, **FEEL LIKE** in °C, **DEW POINT** in °C, **WIND CHILL** in °C, and **HEAT INDEX** in °C

ⓘ If **INDEX** temperatures read **HH.H** or **LL.L**, the current reading is outside of the allowable **INDEX** range

Backlight

ⓘ When in *Time Display*, press **LIGHT/SNOOZE** to toggle the display on/off

ⓘ When plugged in to AC power, the display will be on by default

ⓘ When relying solely on battery power, the display will be off by default

Humidity Index

ⓘ When in *Time Display*, your *Display Panel* will show a comfort indicator based on the **INDOOR** humidity as shown:

Comfortable   Dry   Humid

Graph

ⓘ When in *Time Display*, press **GRAPH** to cycle through the available data graphs: **BAROMETER**, **TEMPERATURE IN**, **TEMPERATURE OUT**, **HUMIDITY IN**, **HUMIDITY OUT** and **RAINFALL**

ⓘ Graph data can take up to 72 hours (temperature, humidity, air pressure) or 7 days (rainfall) to be accurate after initial setup

ⓘ **0 Hr** is the current baro/temp/humid reading which constantly updates every 15 minutes

ⓘ For example, if the time is 11:25 am, the reading at **0 Hr** is from 11:15 am.

ⓘ **-3 Hr** is the baro/temp/humid reading from 3 hours earlier, **-6 Hr** is from 6 hours earlier, and so on

ⓘ For example, if the current time is 12.XXpm, **-3 Hr** and **-6 Hr** readings will be for 9:00 am and 6:00 am respectively

Moon Phase

ⓘ The **MOON PHASE** will be indicated as follows:

Full Moon	Waning Gibbous	Waning Gibbous	Third Quarter
Waning Crescent	Waning Crescent	New Moon	Waxing Crescent
Waxing Crescent	First Quarter	Waxing Gibbous	Waxing Gibbous

Operation and Settings (continued)

Adjusting the Barometric Pressure Reading

ⓘ The barometric pressure has been configured
to the average altitude in Australia

To adjust the Barometric Pressure:

1. Hold **LIGHT/SNOOZE** for three
    seconds when in ***Time Display***

2. The current air pressure offset will flash;
    use ✚ and ▬ to adjust accordingly

ⓘ Each multiple of 10 will change the barometric
pressure reading by approximately 1 hPa

3. When the desired offset is showing,
    press **LIGHT/SNOOZE** to confirm

4. The **FORECAST** icon for the selected rating will now
    flash; use ✚ or ▬ to cycle through the five forecast
    options: Sunny, Partly Cloudy, Cloudy, Rain, Storm

5. When the desired **FORECAST** icon is showing,
    press **LIGHT/SNOOZE** to confirm

ⓘ Your ***Display Panel*** will now be in back
in the default ***Time Display*** mode

Maintenance

Low Batteries

Indoor Display Panel:

ⓘ The batteries in your **Display Panel** protect the settings and data in the case of a power outage

ⓘ Be sure to use non-rechargeable alkaline batteries

ⓘ The **Display Panel** will highlight its own low battery with 🔋 in the **INDOOR** section of the display

ⓘ **Holman Home** will indicate the **Display Panel** battery status with the following:
　🔋 Good battery
　🔋 Low battery

Outdoor Sensor:

ⓘ The **Display Panel** will highlight the status of the **Outdoor Sensor** Li-ion battery with 🔋 in the **OUTDOOR** section of the display–this means it will need to be recharged using the supplied charger

ⓘ **Holman Home** will indicate the **Outdoor Sensor** battery status with the following:
　🔋 Good battery
　🔋 Low battery

ⓘ If this battery is indicated as low, it will need to be recharged immediately

ⓘ Follow the Outdoor Sensor Setup instructions on page 11 to charge this battery

ⓘ You may also need to follow the Display Panel Setup and Connection instructions on page 12 to re-establish a connection between your Display Panel and Outdoor Sensor after the Li-ion battery has been charged

Outdoor Sensor Checks

ⓘ As your **Outdoor Sensor** is exposed to the elements, we recommend wiping any dust off the solar panel and UV sensor to ensure they are receiving adequate sunlight

ⓘ We also highly recommend checking the rainfall and hygro-thermo sensors twice a year; once after winter and once after summer

Rainfall Sensor Access

1. To access the rainfall sensor, first locate the access screw (a) on the underside of your **Outdoor Sensor**

2. Remove the rainfall sensor (b) and set aside

3. Clear any debris from inside the **Outdoor Sensor** and also within the rainfall sensor

4. Replace the rainfall sensor and access screw before re-mounting your **Outdoor Sensor**
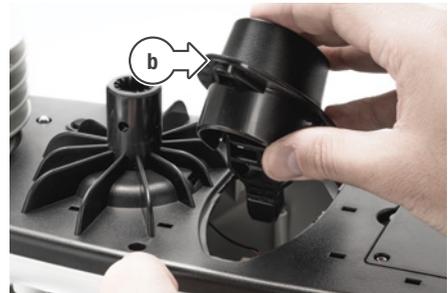
Maintenance (continued)

Hygro-Thermo Sensor Access

1. To access the hygro-thermo sensor, locate the Stevenson house (c) underneath your *Outdoor Sensor*

2. Unscrew the Stevenson house using a screwdriver (d)

ⓘ Each layer of the Stevenson house is separate; be sure not to drop these when removing

3. Remove the Stevenson house (e) from the *Outdoor Sensor* and set aside

4. Clear any debris from around the hygro-thermo sensor (f) and between the Stevenson house layers

⚠ **Do not use liquid to clean this—a soft brush, dry cloth or canned air would be suitable**

5. Replace the Stevenson house and screws before re-mounting your *Outdoor Sensor*
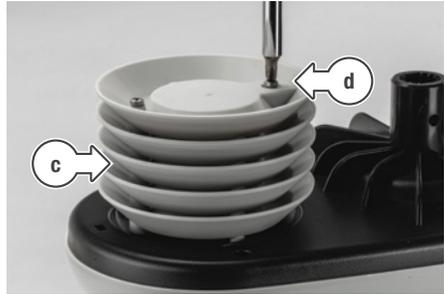
Troubleshooting

Question	Answer
Why is my *Display Panel* blank?	☑ Press **LIGHT/SNOOZE** on the *Display Panel* to activate ☑ Double check AC power is still connected to the *Display Panel* ☑ It isn't possible to run the activated screen for very long from batteries alone
Why is data from the *Outdoor Sensor* blank on my *Display Panel*?	☑ Check for the **RF CONNECTION INDICATOR** ⅄ı┃┃┃–if this is missing it means the connection to the *Outdoor Sensor* is broken ☑ Press **SEARCH** at the back of the *Display Panel* for 5 seconds to re-establish the connection
Why is the humidity **INDEX** face not showing on my *Display Panel*?	☑ The happy face (comfortable) will only show when the humidity is between 40%-70% and the temperature is between 20-28°C ☑ The straight face (dry) will only show when the humidity is below 40% at any temperature ☑ The sad face (wet) will only show when the humidity is between 70%-90% at any temperature
Why don't my *Outdoor Sensor* readings seem accurate?	☑ Placement and levelling of your *Outdoor Sensor* is very important–if it is unbalanced or obstructed, weather readings will not be correct
Why are some temperature readings showing as **HH.H** or **LL.L**?	☑ Weather Index Modes such as Feels Like (-65~50°C) / Wind Chill (-65~18°C) / Heat Index (26~50°C) / Dew Point (-20~60°C) have limited ranges ☑ If the temperatures fall outside the range listed above, they will report as **LL.L** (low) or **HH.H** (high)
Why is *Holman Home* listing my location as a foreign city?	☑ Check your mobile device settings to ensure location access has been granted to Holman Home ☑ This is required for your weather station to work correctly
Why does my barometric pressure seem inaccurate?	☑ As your barometric pressure is dependent on your altitude, you may need to adjust your Barometric Pressure Offset ☑ Refer to Adjusting the Barometric Pressure Reading on page 19 for more information
Why are **MONTH** and **WEEK** graphs blank in *Holman Home*?	☑ **MONTH** and **WEEK** graphs in *Holman Home* display average data over the given time period, with the exception of **RAINFALL**, which displays the total for each day ☑ **MONTH** and **WEEK** data in graphs does not include the current day ☑ **MONTH** and **WEEK** graphs require at least 2 days to be able to plot data into a graph–at the start of each **MONTH** or **WEEK**, no data will be shown until data has been logged for the first 2 days ☑ This means no data will be shown until the 3rd of each **MONTH**, or until Wednesday each **WEEK**
Why is data from the *Outdoor Sensor* blank on my display panel?	☑ Press **SEARCH** on the back of the *Display Panel* to reconnect the *Outdoor Sensor* ☑ If **SEARCH** doesn't reconnect the *Outdoor Sensor*, press **SYNC** on the *Outdoor Sensor* followed by **SEARCH** on the *Display Panel*, to have both units searching and broadcasting
How can I turn off time **ALARMS** and weather **ALERTS**?	☑ **ALARMS** and **ALERTS** can be turned on and off from the *Display Panel* ☑ Remove **ALARMS**: press **MODE** on the back of the *Display Panel* to access the 🔔1 and 🔔2 time **ALARMS** ☑ Press ▬ on back of *Display Panel* to remove **ALARMS** (the 🔔 icon will disappear) ☑ The *Holman Home* alarms will also be disabled ☑ Remove **ALERTS**: press **MODE** on the back of the *Display Panel* to cycle through **ALARMS** and access the max. ▲ and min. ▼ outdoor weather **ALERTS** ☑ Press ▬ on back of display panel to remove outdoor weather **ALERTS** (the ▲ or ▼ icon will disappear) ☑ If there are indoor weather **ALERTS** to remove, press **MODE** and repeat step above for indoor weather **ALERTS** ☑ The *Holman Home* alerts will also be disabled

Warranty

3 Year Replacement Guarantee

Holman offers a 3 year replacement guarantee with this product.

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.

As well as your statutory rights referred to above and any other rights and remedies you have under any other laws relating to your Holman product, we also provide you with a Holman guarantee.

Holman guarantees this product against defects caused by faulty workmanship and materials for 3 years domestic use from the date of purchase. During this guarantee period Holman will replace any defective product. Packaging and instructions may not be replaced unless faulty.

In the event of a product being replaced during the guarantee period, the guarantee on the replacement product will expire 3 years from the purchase date of the original product, not 3 years from the date of replacement.

To the extent permitted by law, this Holman Replacement Guarantee 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 clarification or advice please contact us directly:

1300 716 188
support@holmanindustries.com.au
11 Walters Drive, Osborne Park 6017 WA

If you are certain your product is defective and is covered by the terms of this warranty, you will need to present your defective product and your purchase receipt as proof of purchase to the place you purchased it from, where the retailer will replace the product for you on our behalf.

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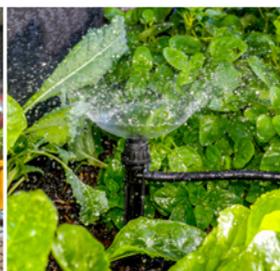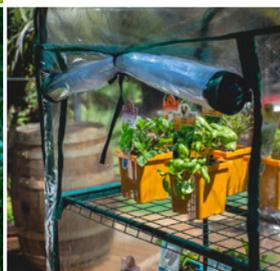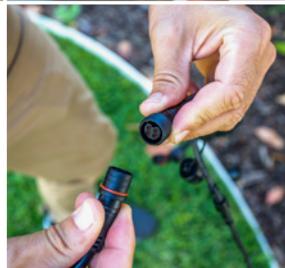
We really appreciate having you as a customer, and would like to say thank you for choosing us.

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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