HOLMAN

WX1 SOLAR

Wi-Fi Tap Timer

Instruction Manual

SKU: WX1STT | IS1188 REV –

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

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Safety Warnings

⚠ Contents contains Lithium-ion Batteries

Usage

⚠ Due to the danger of physical injury, the battery may not be used as an energy source for other appliances

⚠ Protect the Tap Timer against heat and fire. Do not place on radiators or expose to intense sunlight for long periods. Only use and charge the battery in ambient temperature between 5°C and 45°C

Storage

⚠ Store Tap Timer in a cool, dry place, away from direct sunlight, and avoid prolonged exposure to extreme temperatures (above 45° C)

⚠ Do not store the Tap Timer in places with static electricity

Safety Warnings

Charging

- ⚠ Never charge on soft or combustible surfaces: This includes beds, couches, carpets, acids or flammable materials
- ⚠ Only use a charger provided by a reputable manufacturer, do not charge from other electronic devices such as laptops, docking stations or power banks
- ⚠ Do not overcharge: Stop charging once the device is fully charged, and avoid leaving the charger plugged in for extended periods
- ⚠ Over voltage can destroy the battery and the charger. Observe correct mains voltage
- ⚠ The charging cable must be inspected regularly for signs of damage and aging (brittleness) and may only be used in perfect condition

Safety Warnings

Handling

- ⚠ Do not disassemble, crush, or puncture the Tap Timer: This can cause internal shorts and potential fire
- ⚠ Avoid exposing Tap Timer to excessive shock or vibration: This can damage the battery and lead to safety issues

Inspection

- ⚠ Regularly check the Tap Timer's condition: Look for signs of swelling, bulging, leakage, or extreme heat
- ⚠ Do not use damaged Tap Timer: If you notice any damage, stop using the battery immediately and dispose of it properly

Disposal

- ⚠ Never dispose of Tap Timer in regular household waste. Recycle them at a designated recycling centre or follow local regulations

Safety Warnings

Warning Signs

- ⚠ Extreme heat: If the Tap Timer feels extremely hot to the touch, it could be defective and at risk of fire
- ⚠ Swelling or bulging: If the Tap Timer changes shape, swells, or has any lumps or bulges, stop using it immediately
- ⚠ Hissing or cracking sounds can be indicators of a failing battery
- ⚠ If you notice a strange odour, discontinue use immediately

Additional Tips

- ⚠ Keep batteries away from children: This is crucial to prevent accidental damage or misuse
- ⚠ If you have any questions or concerns about lithium-ion battery safety, consult with a qualified professional or refer to the manufacturer's instructions

Specifications

WX1STT Tap Timer	
Working Pressure	50–800kPa (7–116psi)
Ambient Working Temp.	3–50°C (37°F–122°F)
Max Flow Rate	35L/min (10 Gal/min)
Waterproof	IP54 (for general outdoor use)
Water lnlet	20/25mm BSP (¾" or 1") Tap
Water Outlet	12mm snap-on hose fitting on 20mm BSP (¾") outlet
Timer Powered By	0.5W Solar Panel or Type-C charge port on the bottom
Lithium Battery	1*18650 with 2600mAh, 3.7V, 9.62Wh

Overview

Components

a. 20/25mm BSP reducing bush

b. 25mm BSP tap nut inlet

c. 12mm snap-on hose fitting on 20mm BSP outlet

d. Manual watering button and LED indicator light

e. 0.5W solar panel

f. USB-C cable port and power button (underneath)

ⓘ For charging rechargeable li-ion battery

g. USB-A to USB-C cable

Overview

WX1STT Tap Timer Features

- 2.4GHz Wi-Fi connection only
- Manually turn on/off watering and set watering time
- No. of starts per program: 3
- Rain delay: Manual rain delay function
- Indoor power source: Rechargeable Li-ion Battery
- Outdoor power source: 0.5W Solar Panel
- Two watering modes: Water and Mist

WX1STT Tap Timer LED Status

LED PATTERN	MEANING
White/Red: Alternate flash 5 times	Start up pattern (recognition of batteries/power)
White: Flashes quickly	Pairing state
White: Flashes for 3 seconds	Watering
Red: Solid	Powering down
Red: Flashes every 1 second	Water leakage alarm
Red: Flashes every 4 seconds	Low battery warning — charge batteries

Setup

Installing Holman Home

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

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

3. Tap **SIGN UP**
4. Read our User Agreement and Privacy Policy and tap **AGREE** if you wish to proceed
5. 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 allows the app to show weather information-it will still function if you choose to opt out

Connect your garden with HOLMAN HOME
Wi-Fi connection and automation

Download on the App Store

GET IT ON Google Play

Control your garden from anywhere in the world, day or night, with Holman Home Wi-Fi control. Enjoy complete control of your irrigation and garden lighting, wherever internet access is available.

SCAN FOR MORE INFO

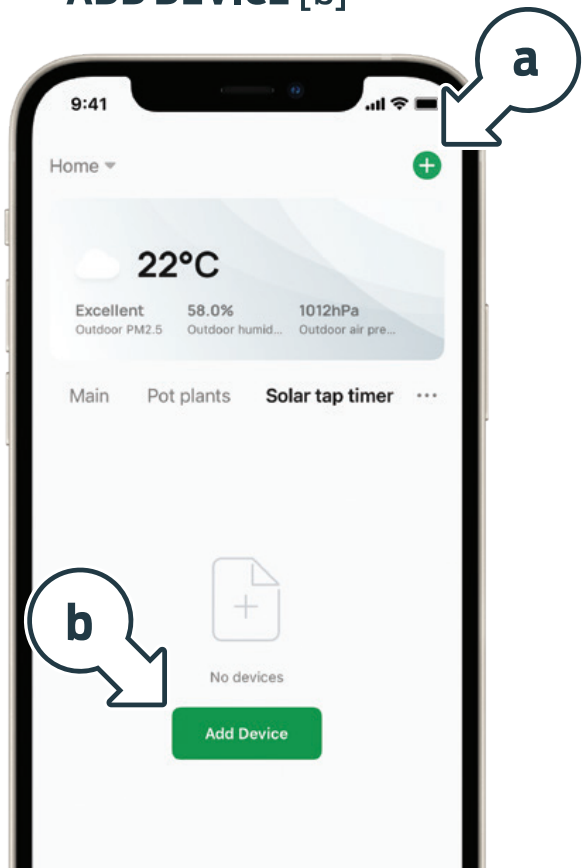
Setup

Add WX1STT to Holman Home

1. Ensure your ***Tap Timer*** is close to your router and fully charged

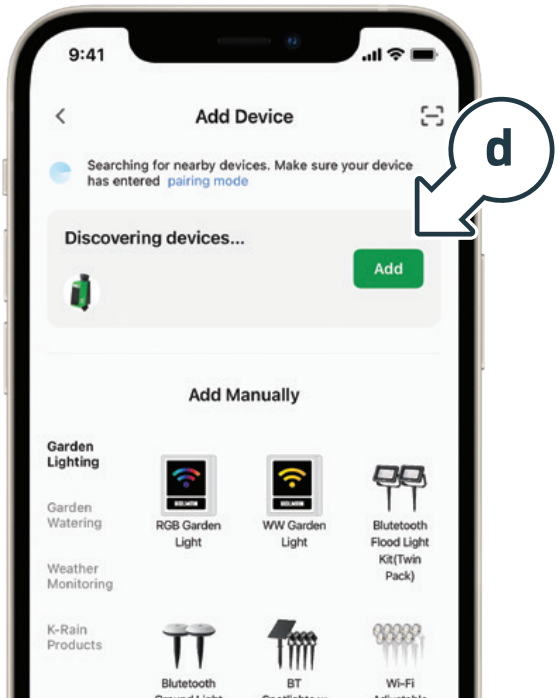
ⓘ For quick charging, connect cable to the port on the underside of your ***Tap Timer*** and an indoor outlet

2. Using ***Holman Home***, go to the **HOME** screen and tap ⊕ [a] and tap **ADD DEVICE** [b]



3. Put your ***Tap Timer*** into pairing mode by holding down the button until the LED flashes quickly [c]

4. Once your ***WX1STT Tap Timer*** is discovered, tap **ADD** [d]



Setup

Add WX1STT to Holman Home (continued)

5. Enter the SSID [e] and password for your router

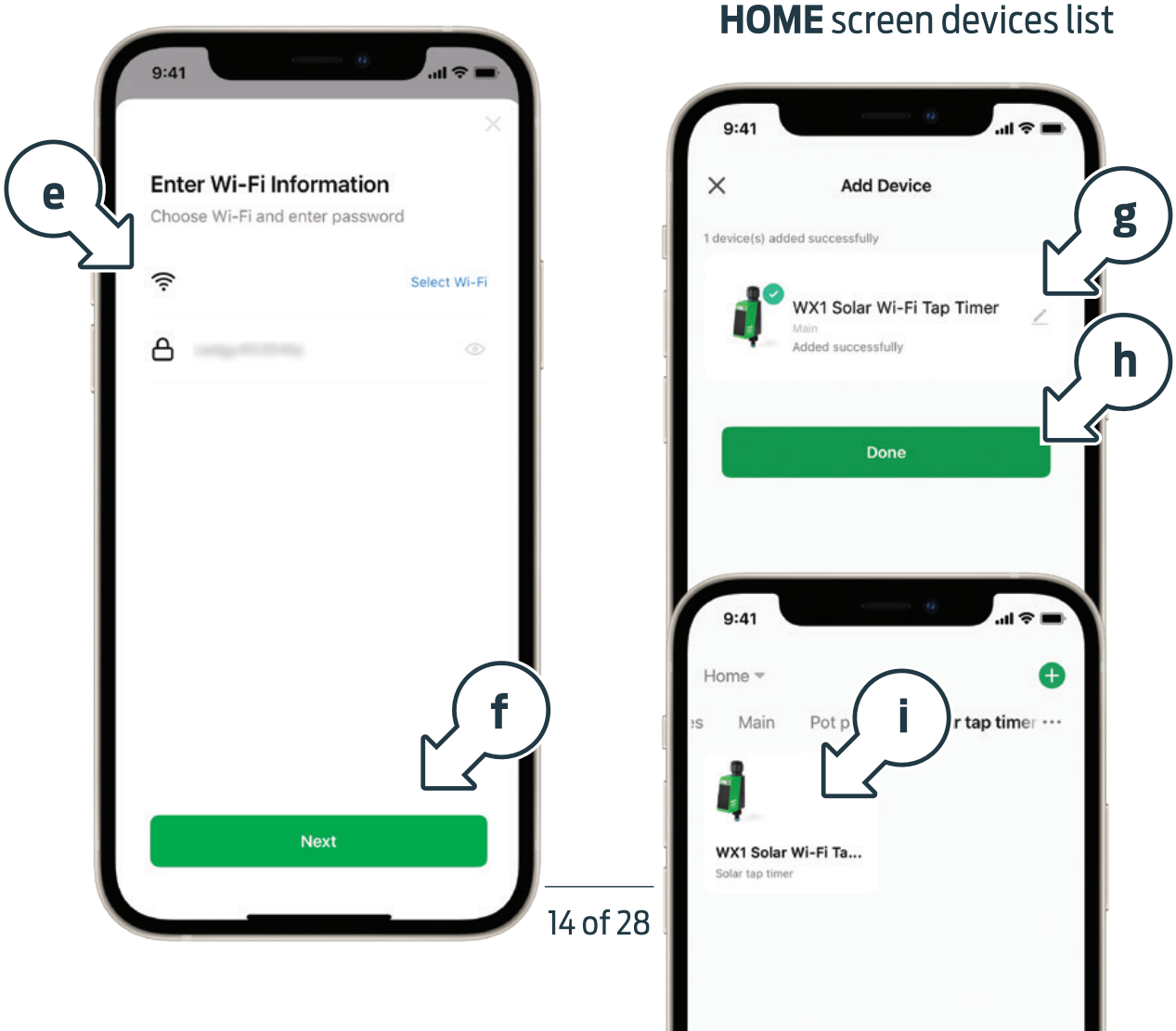
ℹ 2.4GHz Wi-Fi networks only

6. Press **NEXT** [f], wait for the pairing process to complete

ℹ Optionally, tap ✎ [g] to rename the device and assign it to a room

7. Tap **DONE** [h]

8. After the connection is successful, ***WX1STT Tap Timer*** [i] on the **HOME** screen devices list



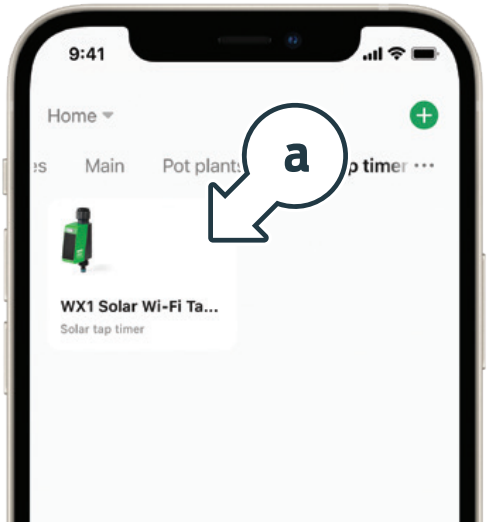
Operation

WX1STT Tap Timer Status

1. Attach your ***WX1STT Tap Timer*** to a garden tap and connect to a drip irrigation system or garden hose

ℹ Hand tighten only

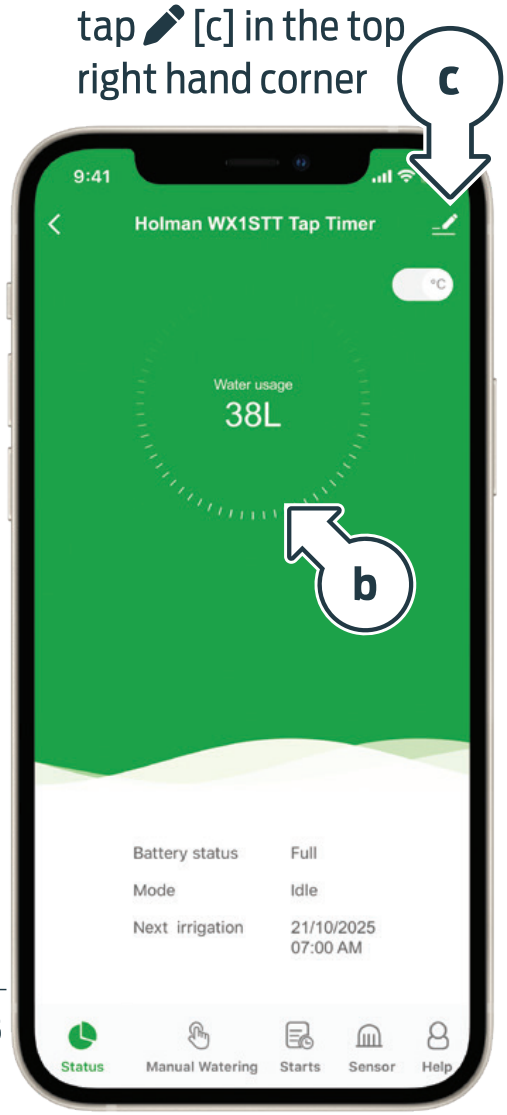
2. Tap ***WX1STT Tap Timer*** [a] on the **HOME** screen devices list



ℹ This displays ***WX1STT Tap Timer*** controls and settings

3. **LAST WATER USAGE** [b] uses built-in flow meters within your ***WX1STT Tap Timer***

4. For additional information about your ***WX1STT Tap Timer***, tap ✎ [c] in the top right hand corner

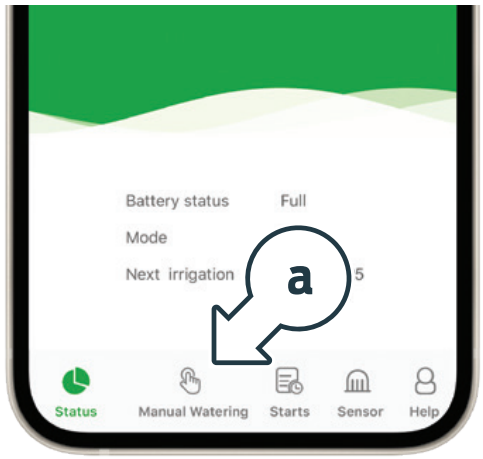


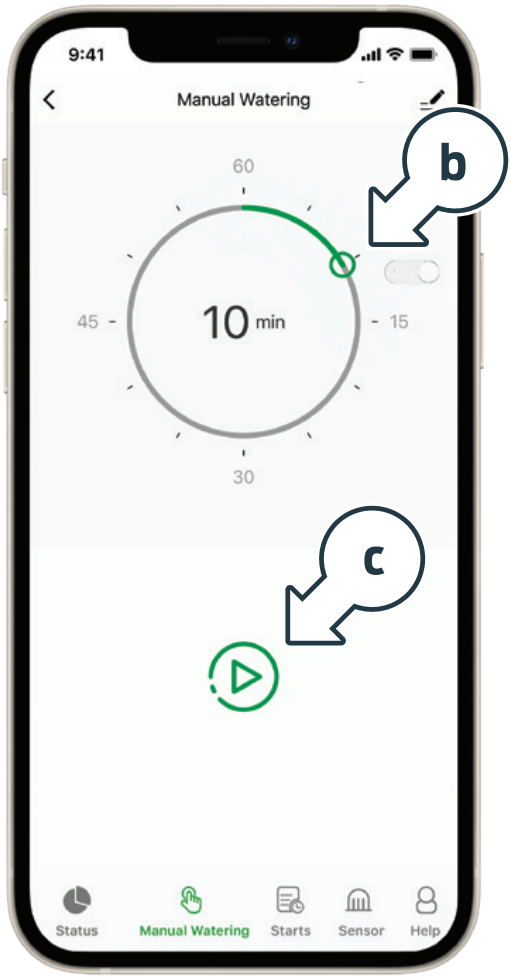
Operation

WX1STT Tap Timer Manual Controls

MANUAL WATERING
is for one-off watering durations

1. Within the ***WX1STT Tap Timer*** controls, tap **MANUAL WATERING** [a] to access manual watering controls
2. Move the hollow green circle [b] on the dial to set the desired watering duration
3. Press ▶ [c] to start watering and ❚❚ to stop





Operation

Watering Schedule by Time

1. Within the ***WX1STT Tap Timer*** controls, tap **STARTS** [a]

ℹ This displays the **STARTS** screen for watering schedules

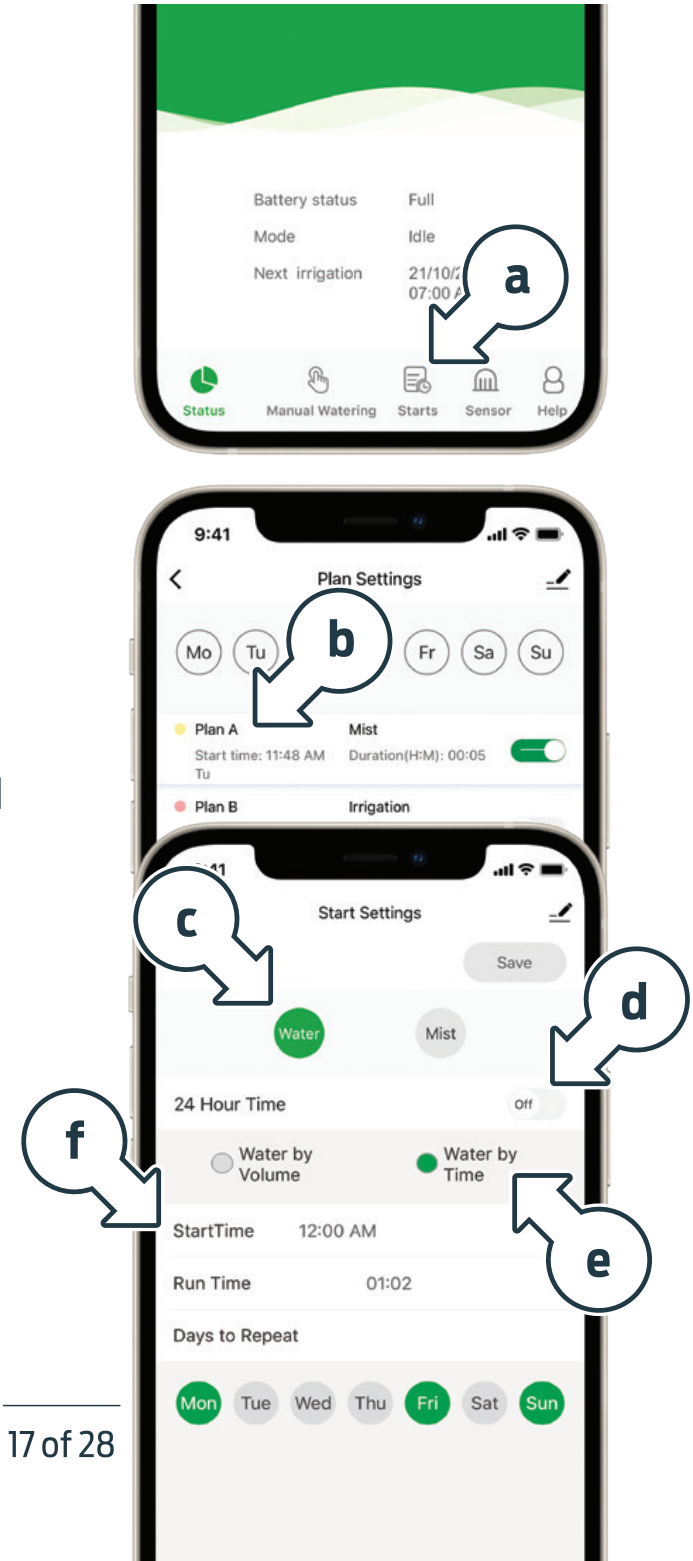
2. Tap **START A** [b] to set one of three schedules as desired

ℹ This reveals **START SETTINGS** in **WATER** [c] mode by default

3. Toggle between 24hr and AM/PM time with the **24 HOUR TIME** switch [d]

4. Choose **WATER BY TIME** [e] to schedule watering by time duration

5. Tap **START TIME** [f] to open the clock and set a start time



Operation

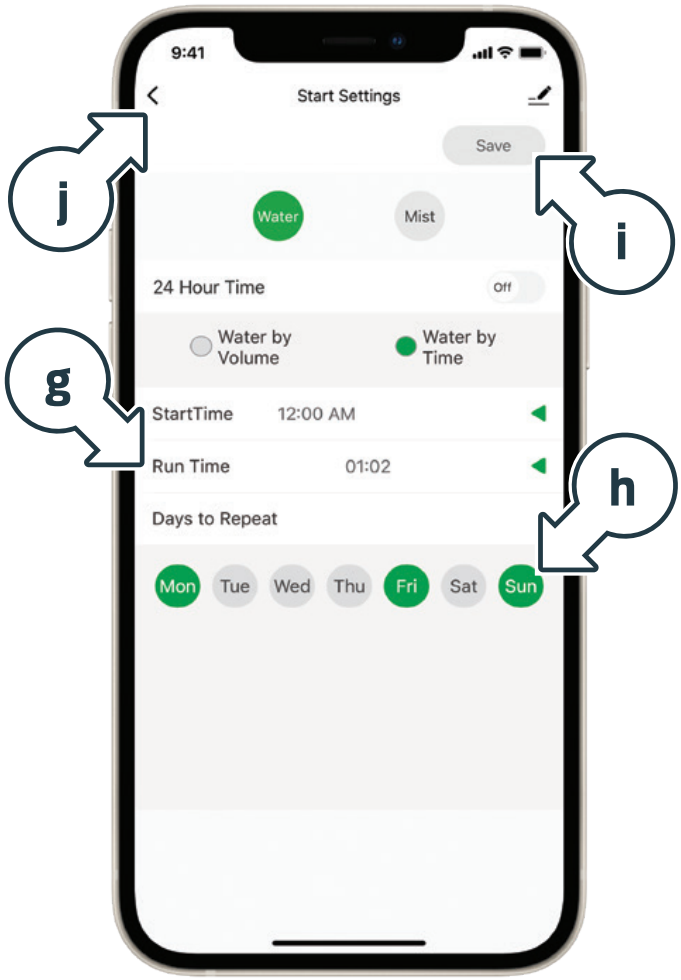
Watering Schedule by Time (continued)

6. Tap **RUN TIME** [g] to open the timer and set a watering duration

ℹ Choose from 0hr, 0min to 11 hrs, 59min

7. Tap each of the days [h] as required to toggle watering days on or off

8. Tap **SAVE** [i] to set the desired schedule or < [j] to return without saving



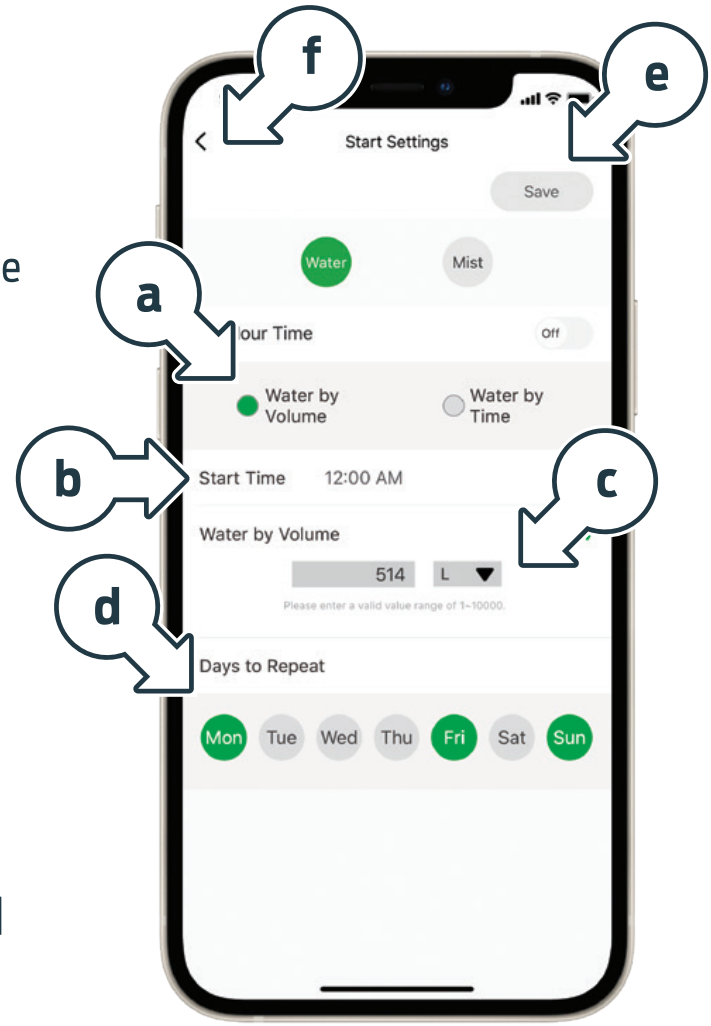
Operation

Watering Schedule by Volume

1. Follow steps 1–3 from previous section
2. Choose **WATER BY VOLUME** [a] to schedule watering by litres
3. Tap **START TIME** [b] to open the clock and set a start time
4. Click to select **WATER BY VOLUME** [c] to set the continuous watering volume

ⓘ Choose from 1–10,000L

5. Tap each of the days [d] as required to toggle watering days on or off
6. Tap **SAVE** [e] to set the desired schedule or < [f] to return without saving



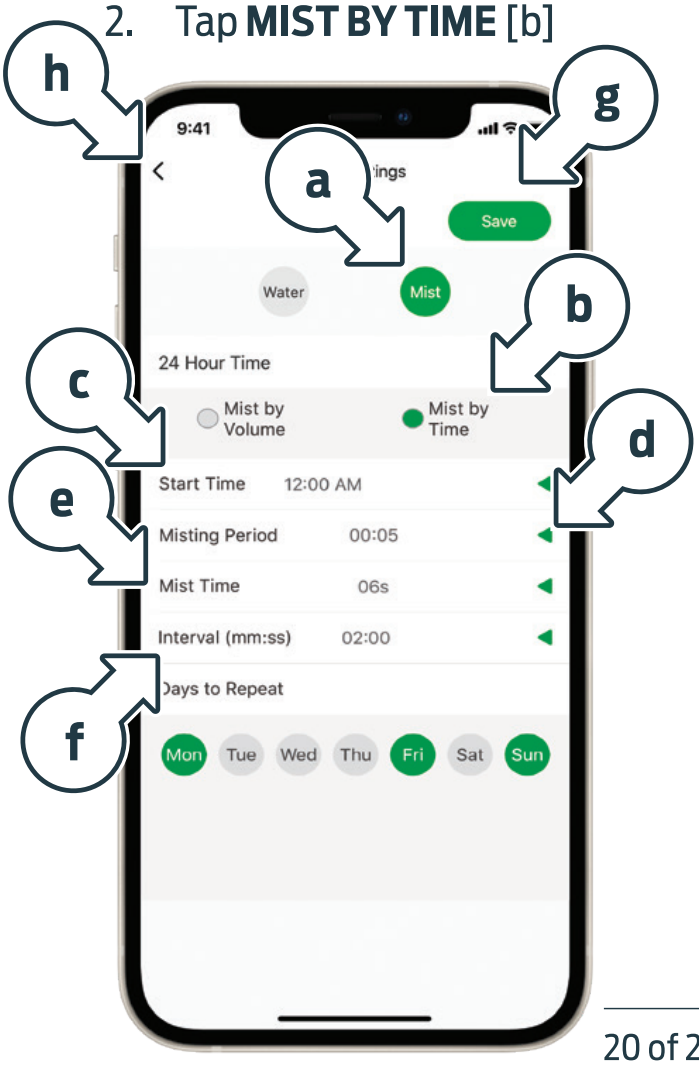
Operation

Misting Schedule by Time

1. Within **START SETTINGS**, tap **MIST** [a] for shorter burst intervals

ℹ This displays **MIST** timing

2. Tap **MIST BY TIME** [b]



3. Tap **START TIME** [c] to open the clock and set a start time

4. Tap **MISTING PERIOD** [d] to set the overall duration of the misting program

ℹ Choose from 0hr, 0min to 11 hrs, 59min

5. Use **MIST TIME** [e] to set the duration for each burst of misting

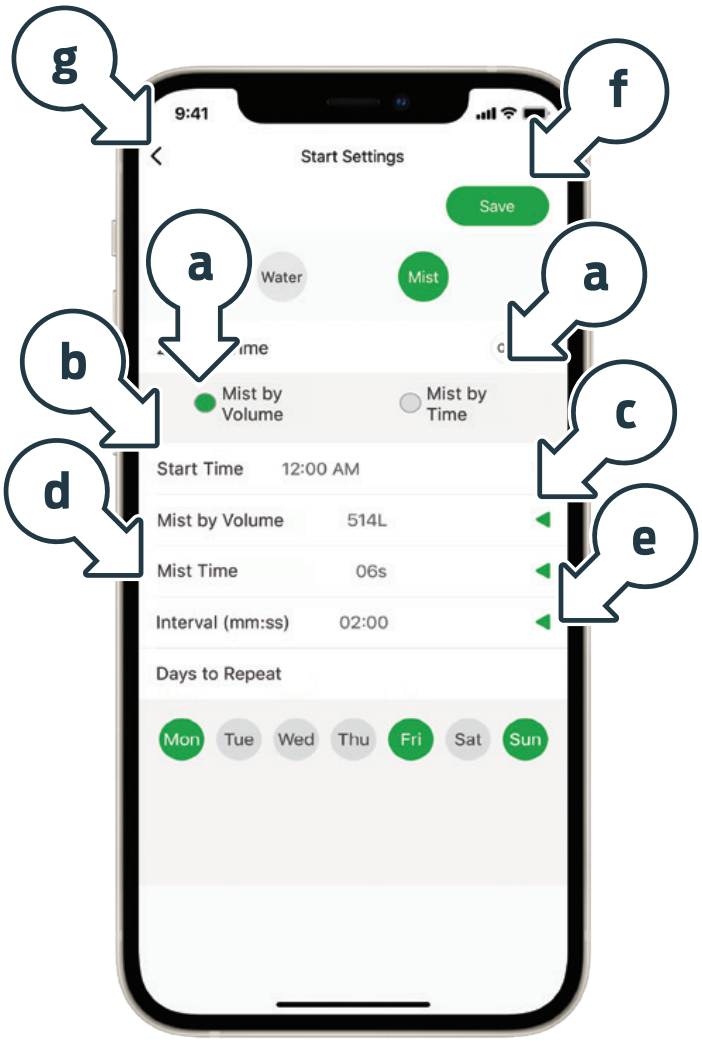
6. Use **INTERVAL** [f] to set the amount of time between each burst

7. Tap **SAVE** [g] to set the desired schedule and return to the **STARTS** screen, or tap < [h] to return without saving

Operation

Misting Schedule by Volume

1. Follow steps 1–2 from previous section
2. Tap **MIST BY VOLUME** [a]



3. Tap **START TIME** [b] to open the clock and set a start time
4. Tap **MIST BY VOLUME** [c] to set overall water volume of the misting program

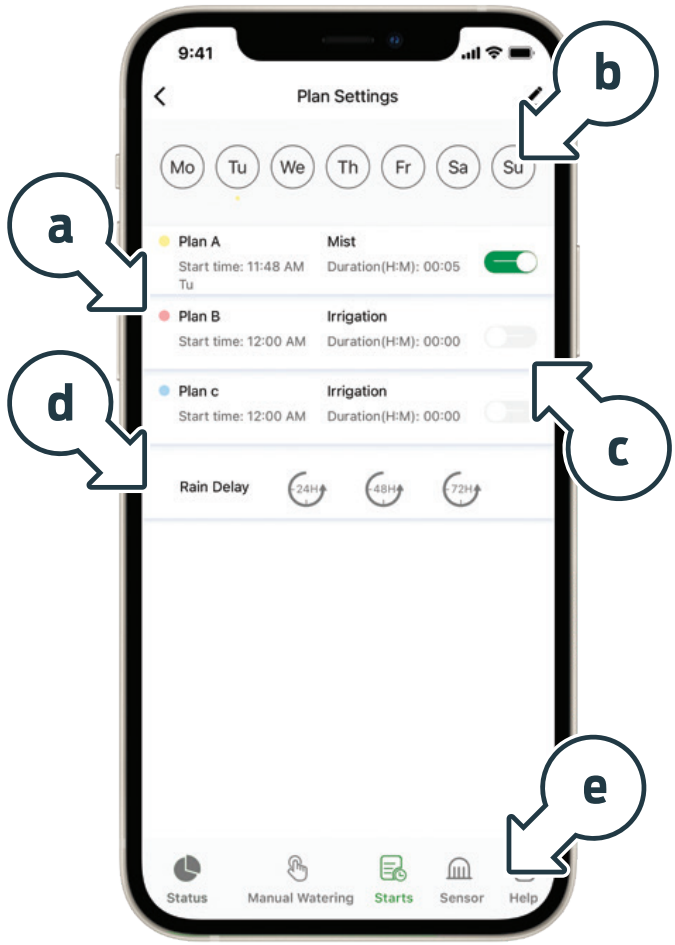
ⓘ Choose from 1–10,000L

5. Use **MIST TIME** [d] to set the duration for each burst of misting
6. Use **INTERVAL** [e] to set the amount of time between each burst
7. Tap **SAVE** [f] to set the desired schedule and return to the **STARTS** screen, or tap < [g] to return without saving

Operation

WX1STT Tap Timer Additional Scheduling

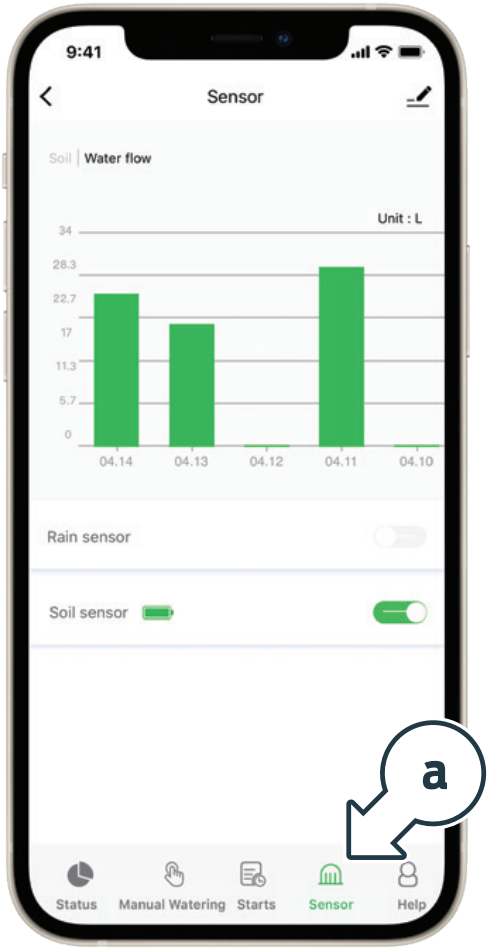
1. Set additional **STARTS** for **B** and **C** [a] as desired
2. As **START SETTINGS** are saved, scheduled times will show on each **START**
3. Watering days are indicated at the top of the screen [b]
4. To manually toggle each **START** switch [c] on or off as desired
5. Suspend watering by tapping **24H**, **48H** or **72H** under **RAIN DELAY** [d] as desired



For additional support, tap **HELP** [e] or visit support.holmanindustries.com.au

Operation

Water Flow Data View



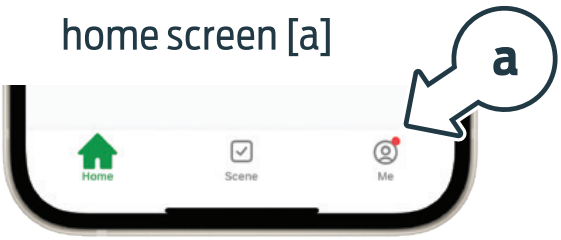
1. Within the ***WX1STT Tap Timer*** controls, tap **SENSOR** [a] to access water flow data

- Your ***WX1STT Tap Timer*** has built in a water flow meter
- It will show you the daily water consumption in the last few days and help you quantify the daily water consumption to save water

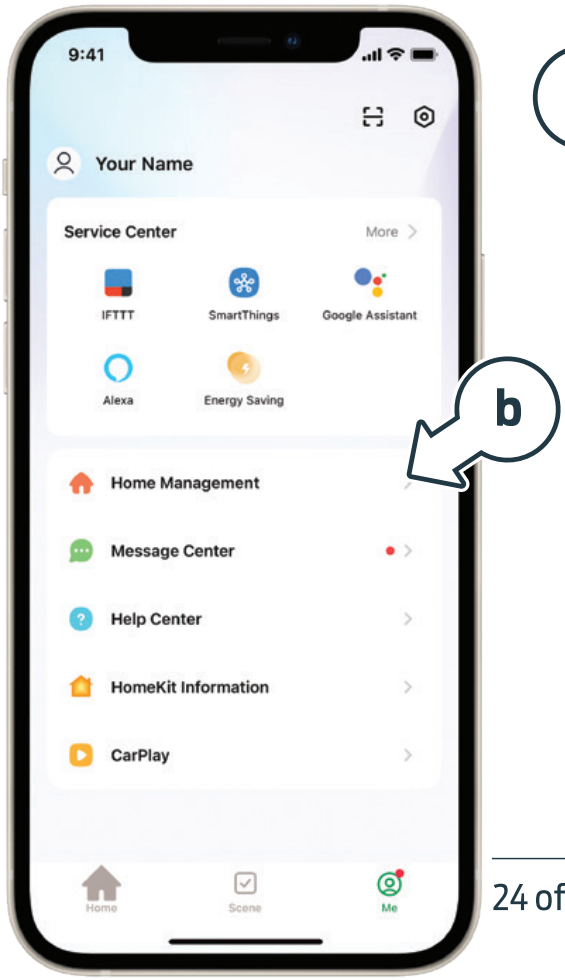
Programming

Home Management

1. Tap **ME** at the bottom of ***Holman Home*** home screen [a]

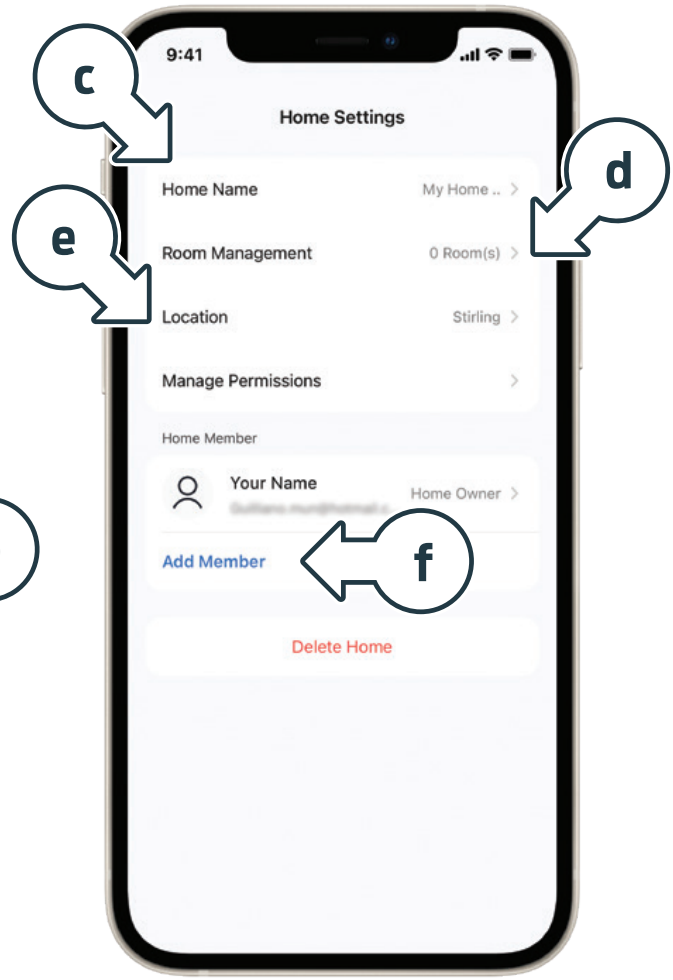


2. Tap **HOME MANAGEMENT** [b]



3. Under **HOME SETTINGS**, customise:

- Home Name [c]
- Room Management [d]
- Home Location [e]
- Add Family Members [f]



Maintenance

Powering Down

- Off button located next to the USB port, used to fully shut down the device when storing (e.g. winter)
- Hold button down for 5 seconds to power down Tap Timer. The LED will go solid red, then off
- To power on, hold down watering button for 5 seconds

General Use

- For outdoor use only, place your ***WX1STT Tap Timer*** in a sheltered spot to prolong its life
- To avoid damage, please tighten without using tools
- ⚠ Don't subject your ***Tap Timer*** to extreme force and shock
- ⚠ Never immerse the product in water

Cold Weather

- Remove from the tap and store away during winter if temperatures reach below 4ºC
- ⚠ Keep your tap timer out of freezing conditions as this can damage internal components

Troubleshooting

Issue	Possible Cause	Possible Solution
Can't turn on/off the valve	▪ Low battery ▪ Impurities in water inlet ▪ Unstable network or delayed response	▪ Replace with fresh batteries ▪ Regularly clean the filter of impurities to avoid disruptions in use ▪ Wait a while and try again
Inaccurate Water Flow Meter	▪ Inaccurate statistics due to tilted mounting angle ▪ Low or erratic water pressure from the tap	▪ The timer needs to be installed perpendicular to the ground and it is not recommended that it is installed at any other angles to avoid affecting the water count ▪ Normal error values for water counts +/-5%
WX1STT Tap Timer won't connect	▪ Unstable Wi-Fi network ▪ Long distance from the Wi-Fi	▪ Check that the Wi-Fi network environment is working ▪ Reset the timer—press and hold the timer button until the white light flashes quickly to indicate pairing mode (or remove the device from the home page and reconnect)

Troubleshooting

Issue	Possible Cause	Possible Solution
Plan not executed on time	▪ Impurities in water inlet filter ▪ Rain delay is set ▪ In low power, the timer goes into a low power protection state and does not execute the schedule ▪ Watering duration/period is not set within schedule	▪ Inlet impurities need to be cleared regularly so that they do not clog up and interfere with the watering program ▪ Check that the rain delay parameters are not set ▪ Replace with fresh batteries ▪ Check that the watering duration/period is set within schedule (note: 12H/24H)

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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For the #SMARTGARDENER