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› SASWELL SAS980SWT-7-Z01 ZigBee Programmable Irrigation Water Timer User Manual

SASWELL SAS980SWT-7-Z01

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USER MANUAL

1. Product Overview

The SASWELL SAS980SWT-7-Z01 is a smart, programmable irrigation water timer designed to automate watering for your garden, lawn, or drip irrigation system. It features ZigBee connectivity for remote control and integration with smart home systems, offering convenience and efficient water management. Key features include voice control, remote programming, and a rain delay function.



Image: The SASWELL water timer connected to a faucet, illustrating its main features through icons.

2. Setup and Installation

2.1 Battery Installation

1. Slide down the cover of the battery compartment.
2. Gently pry open the battery compartment.
3. Insert two AA batteries, ensuring correct polarity.

Easily install the batteries



Image: Visual guide for installing AA batteries into the water timer.

2.2 Physical Installation

- Connect the water timer to your outdoor faucet. Ensure a tight fit to prevent leaks.
- Attach your garden hose or drip irrigation system to the outlet of the water timer.

2.3 ZigBee Gateway Connection

The water timer requires a ZigBee gateway for smart functionality. Connect the gateway to your home Wi-Fi router. The ZigBee gateway acts as a central hub, allowing the water timer to communicate with your smartphone app and other smart devices. If the distance between the water timer and the gateway is too far, a ZigBee repeater can be used to extend the communication range.

CONTROL MORE

One gateway can control multiple water timers

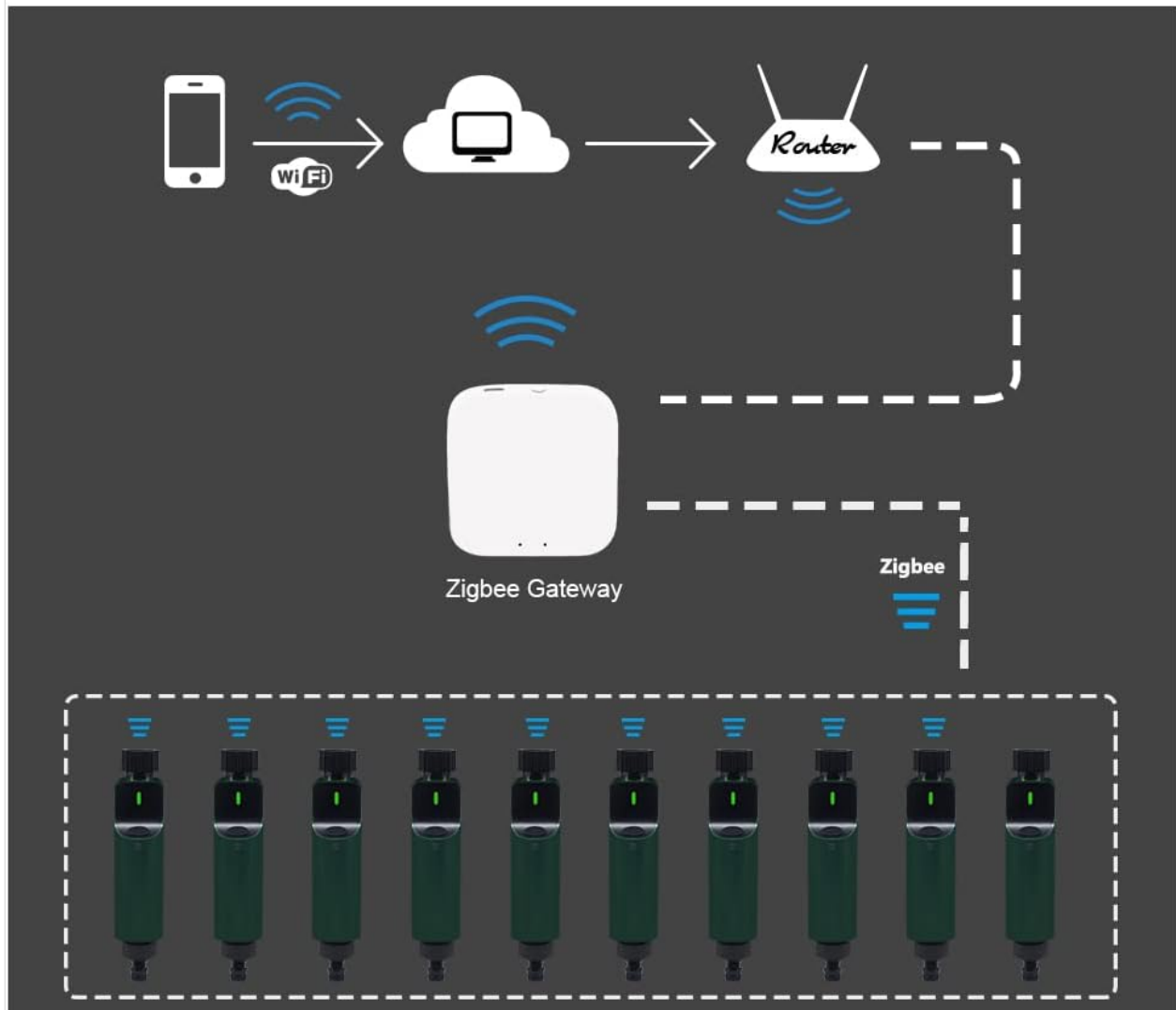


Image: Illustration of a ZigBee gateway connecting to a router and controlling multiple water timers.

3. Operating Instructions

3.1 App Control and Programming

Utilize the dedicated smartphone application (e.g., Tuya Smart app) to control and program your water timer remotely. This allows you to manage your watering schedule from anywhere, ensuring your plants are cared for whether you are home or away.

REMOTE CONTROL

Control the watering anywhere and anytime



Image: Remote control of the water timer via a smartphone app.



Support programming

Enable you to water at a specified time or repeat irrigation by your smartphone. No worry of your plants anymore.

Image: Programming schedules on the app, highlighting the convenience for various daily activities.

- **Setting Schedules:** The app allows you to define daily, multi-day, or weekly watering cycles. You can set up to 4 program segments simultaneously.
- **Manual Control:** You can manually turn the water on or off through the app at any time.

3.2 Rain Delay Function

The water timer can integrate with third-party weather data via the cloud platform. Based on current weather conditions, you can manually set a rain delay for 24, 48, or 72 hours. During this delay period, any pre-set watering schedules will be automatically canceled to prevent overwatering.

3.3 Voice Control

By connecting to Amazon Alexa or Google Assistant voice speakers, you can control the watering function using voice commands. For example, you can say, "Alexa, open the water timer."

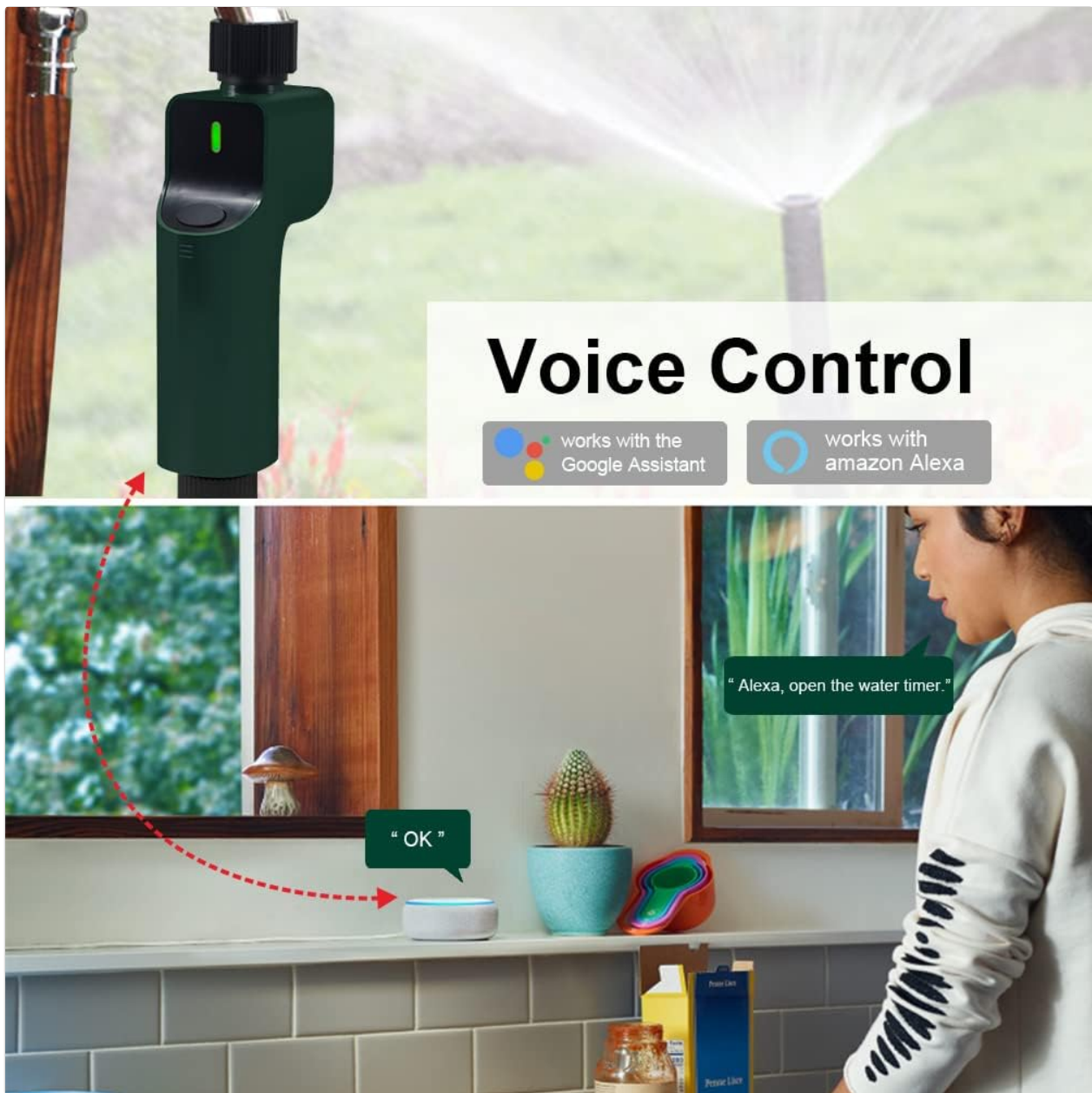


Image: Demonstrating voice control functionality with smart assistants.

4. Maintenance

- **Battery Replacement:** Replace batteries when the low power alarm is triggered or approximately every 6-12 months, depending on usage. Refer to section 2.1 for battery installation steps.
- **Cleaning:** Periodically clean the exterior of the timer with a damp cloth. Do not submerge the device in water.
- **Winterization:** In freezing conditions, disconnect the timer from the faucet and store it indoors to prevent damage from ice expansion.

5. Troubleshooting

- **Timer not connecting to gateway:** Ensure the gateway is powered on and within range. If the distance is significant, consider using a ZigBee repeater.
- **Water not flowing:** Check battery levels. Ensure the faucet is fully open. Verify that the timer is correctly installed and not obstructed.

- **App connectivity issues:** Ensure your smartphone has a stable internet connection and the ZigBee gateway is connected to your Wi-Fi. Restart the app and the gateway if necessary.
- **Flow rate not reported:** Some users have reported that the flow meter function may not always report values, especially when integrated with third-party smart home systems outside of the native Tuya app. The on/off function should still operate correctly.
- **Auto-off timer:** If the timer automatically turns off unexpectedly, note that there might be an auto-off timer setting. This setting is typically configurable via the Tuya gateway and app.

6. Specifications

Feature	Detail
Brand	SASWELL
Model	SAS980SWT-7-Z01
Color	Green
Material	Plastic, Metal
Item Weight	474 Grams
Package Dimensions	21.4 x 10 x 9.3 cm
Number of Settings	4 (program segments)

7. Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or contact SASWELL customer service directly. Keep your proof of purchase for warranty claims.