Haozee YCF-Zigbee-WT-2 OUTLET

Haozee Smart Irrigation Computer YCF-Zigbee-WT-2 OUTLET User Manual

Intelligent Water Timer for Garden Hoses with Tuya Zigbee Hub Support

1. INTRODUCTION

The Haozee Smart Irrigation Computer YCF-Zigbee-WT-2 OUTLET is an intelligent watering timer designed for garden hoses. It features two independent water outlets and can be controlled remotely via an application when connected to a Tuya Zigbee Hub. This manual provides instructions for setup, operation, and maintenance to ensure optimal performance of your device.

Figure 1: Haozee Smart Irrigation Computer and its mobile application interface.

2. SAFETY INFORMATION

- Read all instructions carefully before use.
- This device is designed for outdoor use with garden hoses.
- Do not immerse the device in water. The device has an IPX5 waterproof rating, meaning it is protected against low-pressure water jets from any direction, but not submersion.
- Ensure all connections are secure to prevent leaks.
- Keep out of reach of children. Contains small parts that may pose a choking hazard.
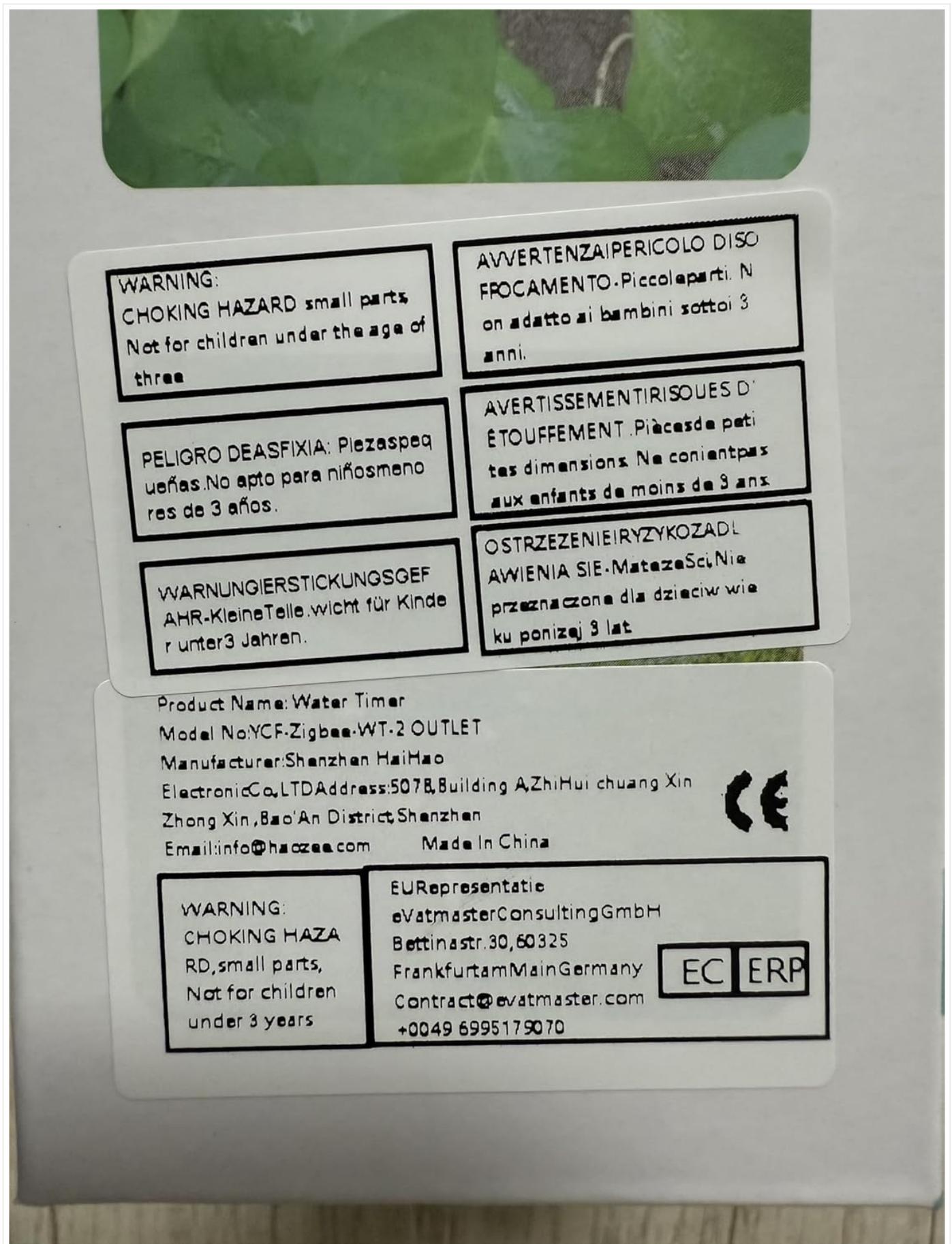- Use only the specified battery type (check device for markings).

WARNING:
CHOKING HAZARD small parts
Not for children under the age of
three

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Product Name: Water Timer
Model No:YCF-Zigbee-WT-2 OUTLET
Manufacturer:Shenzhen HaiHao
ElectronicCo,LTDAddress:507B,Building A,ZhiHui chuang Xin
Zhong Xin ,Bao'An District,Shenzhen
Email:info@haoczea.com   Made In China

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WARNING:
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RD,small parts,
Not for children
under 3 years

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| EC | ERP |

Figure 2: Product label showing safety warnings regarding small parts and choking hazards.

3. PACKAGE CONTENTS

Verify that all components are present:

- Haozee Smart Irrigation Computer (YCF-Zigbee-WT-2 OUTLET)
- User Manual (this document)
- *Note: Tuya Zigbee Hub and batteries are not included and must be purchased separately.*

4. SETUP

4.1. Battery Installation

1. Locate the battery compartment on the device.
2. Open the battery compartment cover.
3. Insert the required batteries (e.g., AA or AAA, check device for specific type) ensuring correct polarity.
4. Close the battery compartment cover securely.

4.2. Physical Installation

1. Attach the Haozee Smart Irrigation Computer to a standard outdoor faucet. Ensure the connection is tight to prevent leaks.
2. Connect your garden hoses to the two independent water outlets at the bottom of the device. The connections are made of 30% reinforced nylon fiber material for durability.

Zone 1 & Zone 2 Simultaneously
Customize 10 programs for each zone without interfering the other

Zone 1 - Plan A
Start Time: 6:30 am
How Long: 30min
How Often: Odd day

Zone 2 - Plan B
Start Time: 8:45 am
How Long: 45min
How Often: Mon, Wed, Fri, Sun

Figure 3: Device connected to a faucet with two hoses, illustrating independent zone control.

4.3. Connecting to Tuya Zigbee Hub and App

The Haozee Smart Irrigation Computer requires a Tuya Zigbee Hub for remote control functionality. Ensure your Zigbee Hub is set up and connected to your home network according to its own instructions.

1. Download the Tuya Smart or Smart Life application from your mobile device's app store.
2. Register or log in to your account.
3. Add your Tuya Zigbee Hub to the application if you haven't already.
4. Follow the in-app instructions to add the Haozee Smart Irrigation Computer to your Zigbee network via the Tuya Zigbee Hub.
5. Once paired, you can manage the device remotely.

Figure 4: Remote control of the irrigation timer via the mobile application.

5. OPERATING INSTRUCTIONS

5.1. Independent Water Outlets

The device features two independent water outlets, each with its own switch. This allows for separate watering schedules and durations for different areas of your garden, such as flower beds, lawns, or vegetable gardens.

Figure 5: Illustration of two independent watering zones with distinct schedules.

5.2. Watering Modes

The Haozee Smart Irrigation Computer supports various watering modes accessible through the mobile application:

- **Manual Control:** Turn the device on or off instantly as needed directly from the app.
- **Timed Mode:** Set specific start and end times for watering to maintain consistent garden humidity.
- **Cyclic Mode:** Configure watering to repeat within a set period of time, allowing for interval-based irrigation.
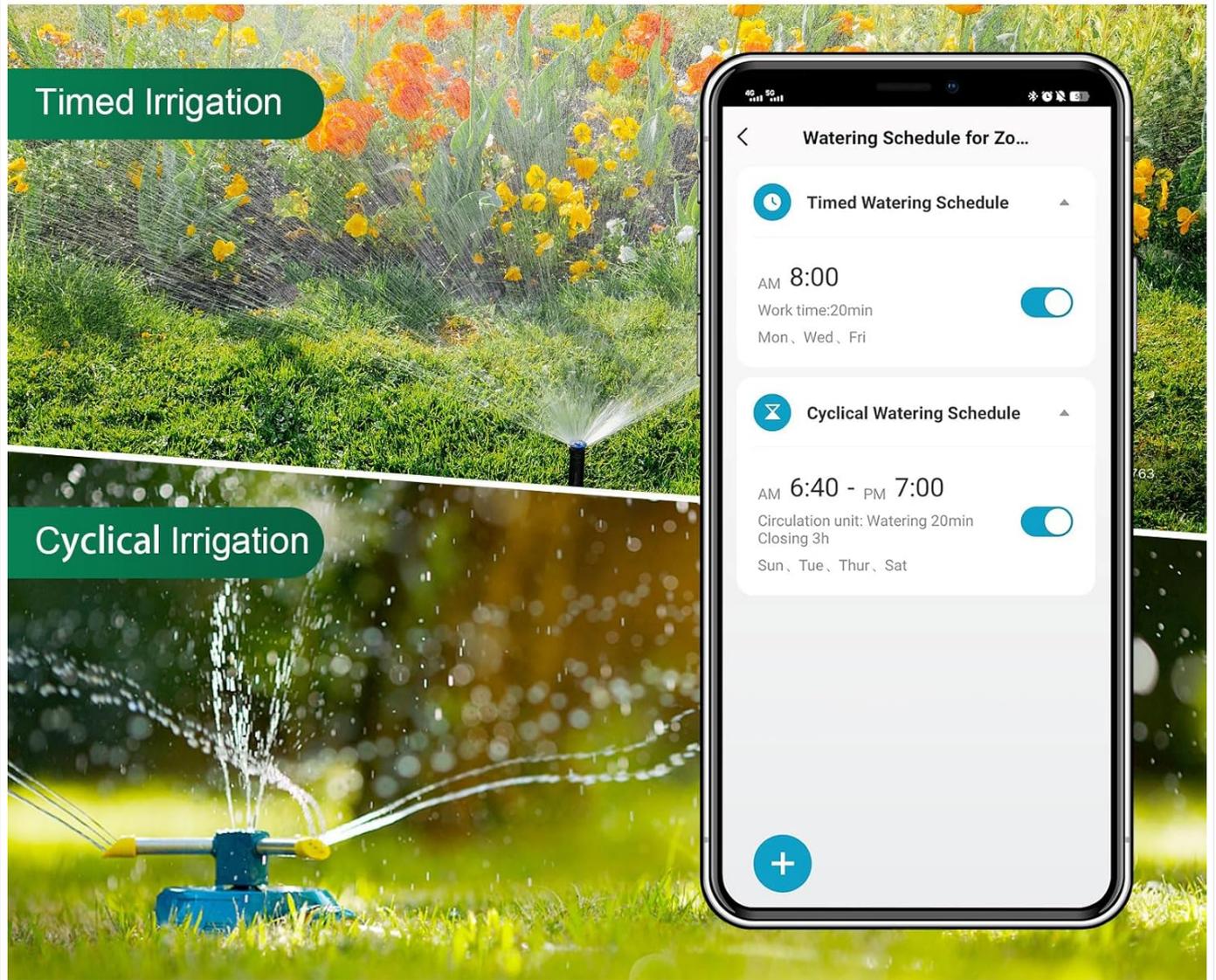
Figure 6: Application interface for setting timed and cyclical watering schedules.

5.3. Rain Delay Function

To prevent overwatering during rainy periods, the device offers a Rain Delay mode. You can manually set a delay from 1 to 7 days based on real-time weather forecasts available in the mobile application. This feature helps conserve water and protects your plants from excessive moisture.
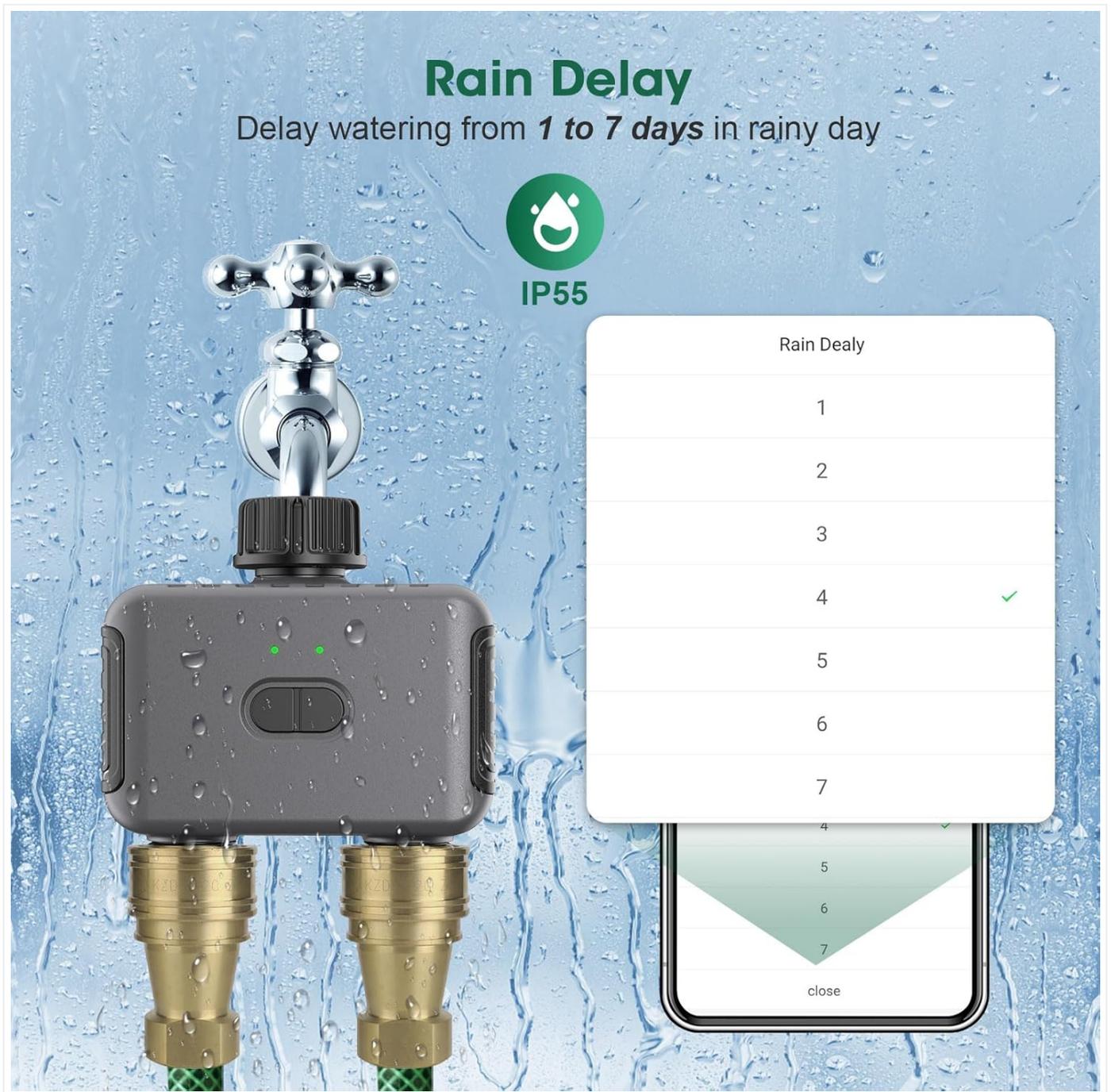
Figure 7: Rain Delay feature selection in the mobile application.

5.4. Voice Control Integration

The Haozee Smart Irrigation Computer supports voice control through Amazon Alexa and Google Assistant. After linking your Tuya account with your voice assistant, you can issue commands such as "Alexa, open the Smart Dual Water Timer" to manage your watering schedules.
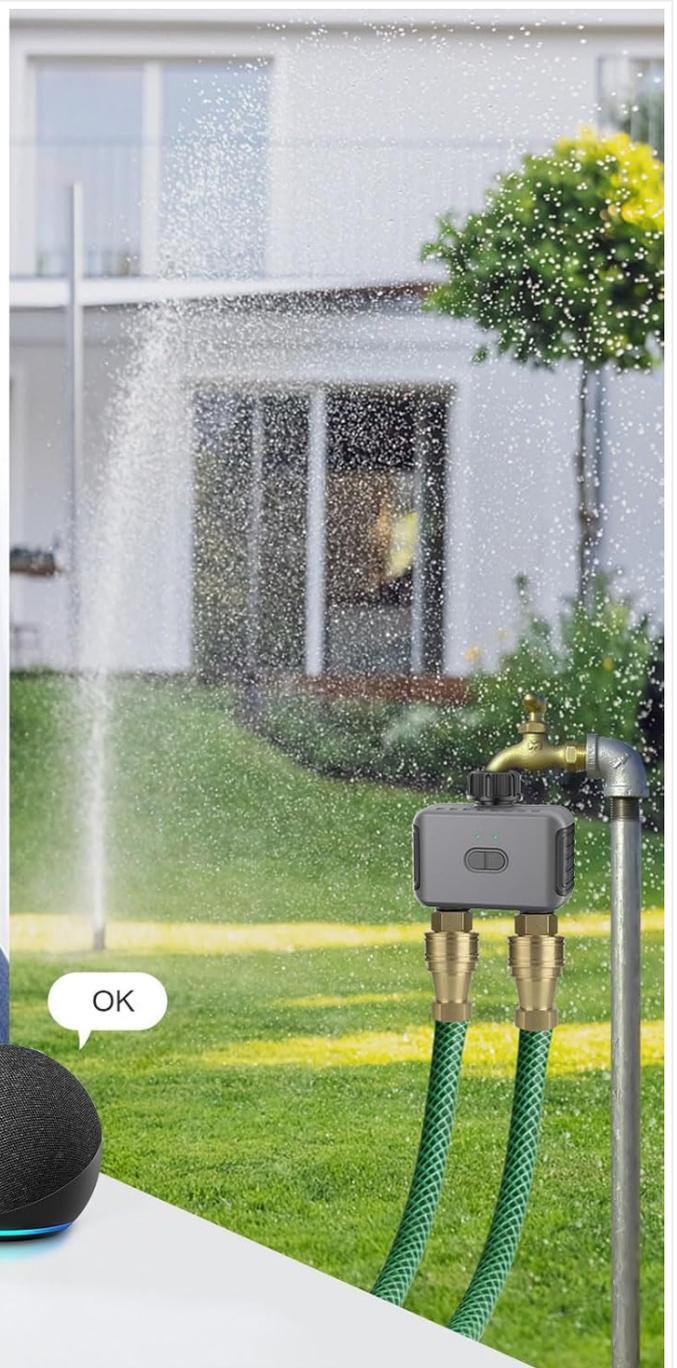
Figure 8: Voice control functionality with Amazon Alexa and Google Assistant.

5.5. Home Assistant and Zigbee2mqtt Support

For advanced users, the Haozee Smart Irrigation Computer supports integration with Home Assistant via Zigbee2mqtt. This allows for linking with other Tuya sensors, such as soil temperature and humidity sensors, to create a more comprehensive smart irrigation system.

Figure 9: Integration with Home Assistant and Zigbee2mqtt for advanced automation.

6. MAINTENANCE

- **Battery Replacement:** Replace batteries when the low battery indicator appears in the app or on the device.
- **Cleaning:** Periodically wipe the exterior of the device with a damp cloth. Do not use abrasive cleaners or solvents.
- **Winterization:** In freezing climates, disconnect the device from the faucet and store it indoors to prevent damage from ice expansion.
- **Connection Check:** Regularly inspect hose connections for wear or leaks and tighten as necessary.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Device not responding in app	- Low batteries - Zigbee Hub disconnected or out of range - Device not properly paired	- Replace batteries. - Check Zigbee Hub connection and ensure it's within range of the timer. - Re-pair the device with the Tuya Zigbee Hub via the app.
Water not flowing	- Faucet turned off - Hose kinked or blocked - Watering schedule not active - Rain Delay active	- Ensure the outdoor faucet is fully open. - Check hoses for obstructions or kinks. - Verify the watering schedule in the app or manually activate. - Check if Rain Delay is active in the app and disable if necessary.
Leaks at connections	- Loose connections - Damaged washers	- Tighten all connections securely. - Inspect and replace rubber washers if damaged.

8. SPECIFICATIONS

Model Number	YCF-Zigbee-WT-2 OUTLET
Brand	Haozee
Product Dimensions	12D x 12W x 6H centimetres
Item Weight	0.43 Kilograms
Waterproof Rating	IPX5
Number of Settings	4 (referring to watering modes/schedules)
Batteries Required	Yes (type not specified, typically AA or AAA)
Connectivity	Zigbee (requires Tuya Zigbee Hub)
UPC	640712053590

9. WARRANTY AND SUPPORT

The Haozee Smart Irrigation Computer is manufactured with high-quality materials and undergoes rigorous testing. While specific warranty details are not provided in this manual, please refer to the product packaging or the retailer's website for warranty information.

For technical support or inquiries, please contact your retailer or the manufacturer, Haozee. Contact information may be available on the product packaging or the official Haozee website.