Hombli HBWC-0100

Hombli Smart Water Controller

Model: HBWC-0100

1. INTRODUCTION

The Hombli Smart Water Controller is designed to automate your garden watering, ensuring your plants receive optimal hydration while conserving water. This intelligent system allows you to manage watering schedules, monitor consumption, and utilize smart features like rain delay, all from your smartphone or tablet. The system comprises a controller and a gateway, working together to provide seamless control over your garden's watering needs.

Image 1.1: The Hombli Smart Water Controller main unit, a compact grey device with a black knob at the top and a threaded connector at the bottom, designed for outdoor use.

2. SAFETY INFORMATION

- Read all instructions carefully before installation and operation.

- This device is designed for outdoor use and is IP54 waterproof, resistant to sunlight and dust. However, it is not intended for submersion.

- To prevent damage, **remove the Smart Water Controller from the tap in sub-zero temperatures** Store it indoors during winter months.

- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel.

- Keep out of reach of children and pets.

- Ensure all connections are secure to prevent leaks.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- Hombli Smart Water Controller (main unit)

- Hombli Gateway

- Power Adapter for Gateway

- User Manual (this document)

4. PRODUCT FEATURES

- **Effortless Garden Maintenance:** Manage your garden's watering schedule precisely. Adjust when, how long, and how often your garden is watered so your plants thrive.

- **Monitor Water Consumption:** Keep track of your water consumption by checking consumption in real-time with the free Hombli app. Adjust consumption through custom schedules or use the pulse function to save water and reduce costs.

- **Rain Delay & Timer:** Prevent overwatering by setting timers or schedules. The Smart Water Controller automatically turns off at the time you set, configurable via the Hombli app. The rain delay stops watering when rain is detected.

- **Smartphone Control:** Activate or disable your Smart Water Controller, adjust settings, and monitor water consumption from anywhere via the intuitive Hombli app. Enjoy full control of watering your garden.

- **Weather Resistant Design:** The Smart Water Controller is built to withstand the elements. It is IP54 waterproof and resistant to sunlight and dust, ensuring functionality in various conditions.

5. SETUP GUIDE

5.1. Download the Hombli App

The Hombli Smart Water Controller requires the Hombli app for full functionality. Download the app from your smartphone's app store:

Download on the App Store

Get it on Google Play

Image 5.1: The Hombli Smart Water Controller packaging, displaying the product alongside logos for the App Store and Google Play, indicating where to download the companion application.

5.2. Install the Gateway

1. Plug the Hombli Gateway into a power outlet indoors, within Wi-Fi range.

2. Ensure the gateway is connected to your home Wi-Fi network via the Hombli app. Follow the in-app instructions for pairing.

5.3. Install the Smart Water Controller

1. Screw the Smart Water Controller onto any standard outdoor tap. Ensure it is tightened securely to prevent leaks.

2. Connect your garden hose to the bottom outlet of the controller.

3. Open the tap fully. The controller will regulate the water flow.

4. Pair the controller with the gateway using the Hombli app. The app will guide you through the process.

Image 5.2: The Hombli Smart Water Controller securely attached to an outdoor water tap, with a garden hose connected to its lower outlet, ready for operation.

6. OPERATING INSTRUCTIONS

6.1. Scheduling Watering

Use the Hombli app to create custom watering schedules:

- Open the Hombli app and select your Smart Water Controller.
- Navigate to the 'Schedule' section.
- Set desired start times, duration, and frequency for each watering zone.
- Save your schedule. The controller will automatically follow these settings.

6.2. Manual Control

You can manually start or stop watering at any time via the app:

- From the main controller screen in the app, tap the 'On/Off' button.

- You can also set a temporary manual watering duration.

6.3. Rain Delay Function

The rain delay feature prevents unnecessary watering during or after rainfall:

- Enable the rain delay feature in the Hombli app settings for the controller.

- The system uses local weather data to automatically pause watering when rain is detected.

- You can also manually set a rain delay for a specific duration (e.g., 24, 48, 72 hours).

6.4. Water Consumption Monitoring

Monitor your water usage in real-time through the Hombli app:

- Access the 'Consumption' or 'Statistics' section within the controller's app interface.

- View daily, weekly, or monthly water usage data.

- Use this data to optimize your watering schedules and conserve water.

6.5. Voice Control Integration

The Hombli Smart Water Controller is compatible with voice assistants like Google Assistant and Amazon Alexa, allowing for convenient voice commands.
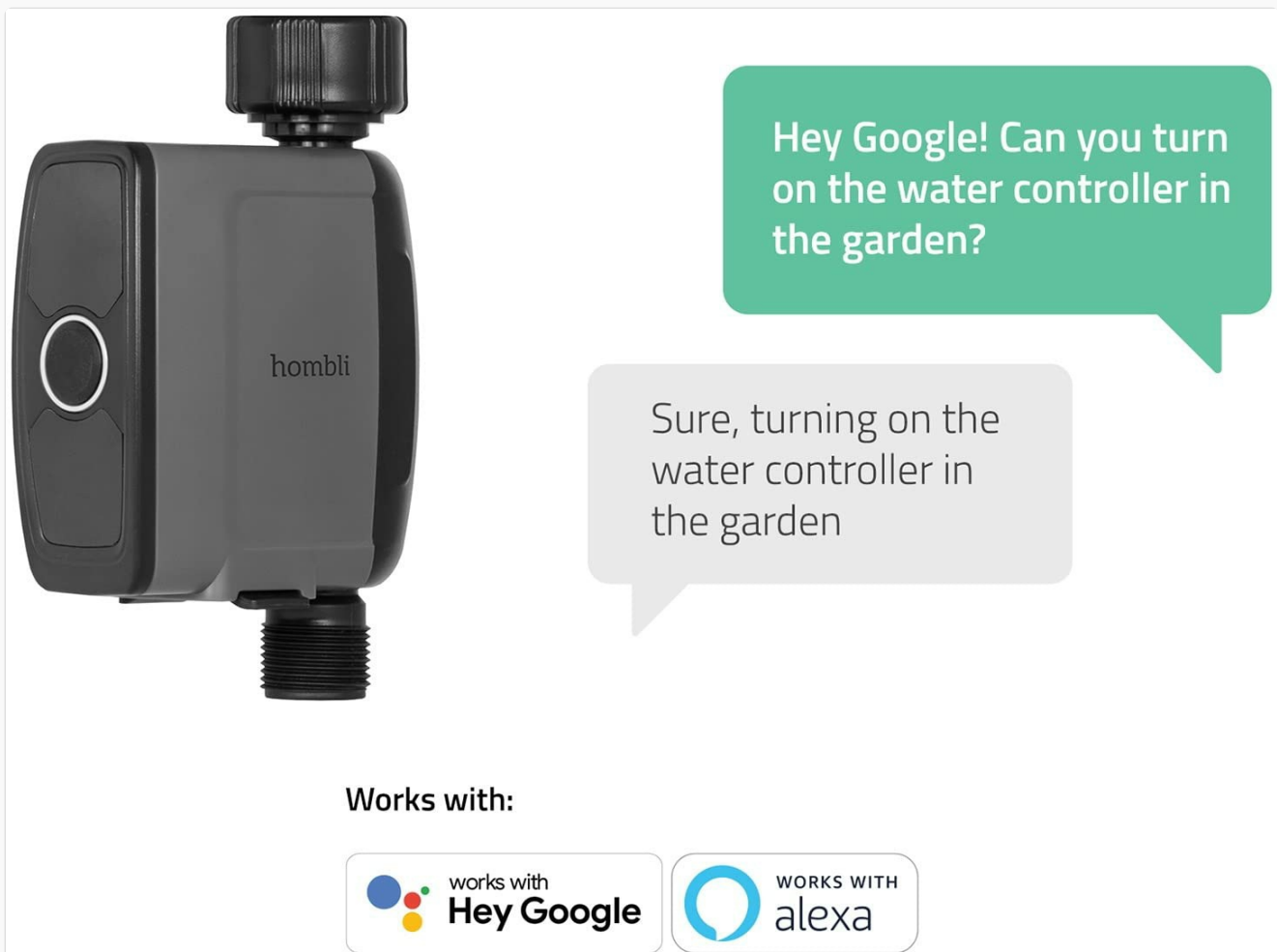

Image 6.1: The Hombli Smart Water Controller shown with speech bubbles illustrating a voice command interaction, demonstrating compatibility with Google Assistant and Amazon Alexa for hands-free control.

7. MAINTENANCE

- **Cleaning:** Wipe the exterior of the controller with a damp cloth as needed. Do not use harsh chemicals or abrasive cleaners.
- **Winterization:** Before the first frost, disconnect the Smart Water Controller from the tap. Drain any remaining water and store the unit indoors in a dry, protected area where temperatures will not drop below freezing.
- **Battery Replacement:** The Smart Water Controller operates on batteries (type and quantity specified in specifications). When the battery indicator in the app shows low power, replace the batteries promptly to ensure continuous operation.

8. TROUBLESHOOTING

8.1. Connectivity Issues

- **Controller not connecting to Gateway:** Ensure the gateway is powered on and within range of the controller. Check the gateway's Wi-Fi connection. Try restarting both the gateway and the controller.
- **Gateway not connecting to Wi-Fi:** Verify your Wi-Fi network is 2.4GHz (5GHz networks are often not supported by smart home devices). Check your Wi-Fi password. Move the gateway closer to your router. Some users have reported issues with specific regional power plugs for the gateway; ensure you have the correct adapter for your region.
- **App not responding:** Close and reopen the Hombli app. Ensure your smartphone has a stable internet connection.

8.2. Watering Issues

- **No water flow:** Ensure the outdoor tap is fully open. Check if the controller's batteries are depleted. Verify that no rain delay is active. Inspect the hose for kinks or blockages.
- **Watering not stopping:** Check the schedule in the app for correct end times. Ensure the rain delay is not malfunctioning. If issues persist, manually stop watering via the app and contact support.
- **Inaccurate water consumption readings:** Ensure the controller is installed correctly and there are no leaks before or after the unit.

9. SPECIFICATIONS

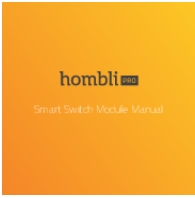| Attribute	Value
Brand	Hombli
Model Number	HBWC-0100
Product Dimensions	6.69 x 4.13 x 1.97 inches (17 x 10.5 x 5 cm)
Item Weight	11.39 ounces (323 Grams)
Color	Black
Waterproof Rating	IP54
Connectivity	Wi-Fi (via Gateway)
Power Source (Controller)	Batteries (not specified, typically AA or AAA)

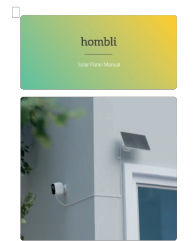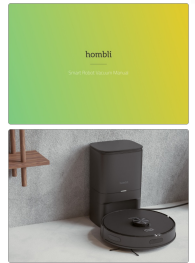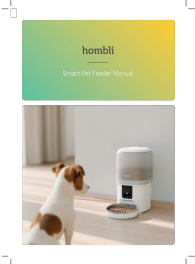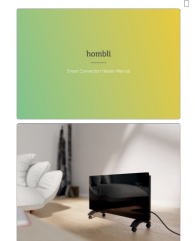| Power Source (Gateway)	AC Power Adapter

Image 9.1: The Hombli Smart Water Controller with its key dimensions labeled: 16.5 cm (height), 10 cm (width), and 4 cm (depth), providing a clear understanding of its physical size.

10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please visit the official Hombli website or contact Hombli customer service directly. Keep your proof of purchase for warranty claims.
Official Hombli Website: **www.hombli.com**

Related Documents - HBWC-0100

	[Hombli PRO Smart Switch Module Manual: Installation and Setup Guide](#) This manual provides comprehensive instructions for installing, wiring, and setting up the Hombli PRO Smart Switch Module. Learn how to integrate it with the Hombli app and voice assistants for a smarter home.
	[Hombli Smart Pet Fountain: Veelgestelde Vragen en Informatie](#) Ontdek alles over de Hombli Smart Pet Fountain met antwoorden op veelgestelde vragen over functies, gebruiksgemak, onderhoud en voordelen voor uw huisdier.
	[Hombli Solar Panel Manual: Installation and Usage Guide](#) Comprehensive manual for the Hombli Solar Panel, covering installation, maintenance, troubleshooting, and safety instructions. Learn how to power your Hombli Battery Cam and other USB-C devices.
	[Hombli Smart Robot Vacuum Manual - User Guide](#) Comprehensive user manual for the Hombli Smart Robot Vacuum, covering installation, setup, app connection, cleaning modes, mopping, maintenance, troubleshooting, and safety instructions.
	[Hombli Smart Pet Feeder HBPF-0109 User Manual and Guide](#) Comprehensive user manual for the Hombli Smart Pet Feeder (Model HBPF-0109). Learn how to set up, operate, schedule feedings, use the Hombli app, and troubleshoot common issues for your smart pet feeder.
	[Hombli Smart Convection Heater 1008-CRP-MC Product Overview](#) Product information for the Hombli Smart Convection Heater, model 1008-CRP-MC, including key identifiers and a link to official resources.