



[Manuals.plus](#) /

› [GoveeLife](#) /

› GoveeLife LoRa WiFi Water Leak Detector User Manual

GoveeLife H5043+H5058

GoveeLife LoRa WiFi Water Leak Detector User Manual

Model: H5043+H5058

1. INTRODUCTION

Welcome to the GoveeLife LoRa WiFi Water Leak Detector user manual. This guide provides detailed instructions on how to set up, operate, maintain, and troubleshoot your new smart water leak detection system. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

2. SAFETY INFORMATION

To prevent damage to the product or injury to yourself and others, please observe the following safety precautions:

- Do not disassemble or modify the device.
- Keep the device away from extreme temperatures, direct sunlight, and open flames.
- Ensure the gateway is plugged into a standard power outlet.
- Dispose of batteries properly according to local regulations.
- This device is designed for indoor use in areas prone to water leaks.

3. PRODUCT OVERVIEW

3.1 Package Contents

- GoveeLife LoRa Gateway (H5043)
- GoveeLife Water Leak Sensors (H5058) x 3
- AAA Batteries (pre-installed or included)
- User Manual

3.2 Device Components

The GoveeLife water leak detection system consists of a central gateway and multiple water leak sensors. The gateway connects to your home Wi-Fi network and communicates with the sensors using LoRa technology, providing long-range coverage.



This image displays the GoveeLife LoRa WiFi Water Leak Detector system, including the main gateway unit and three individual water leak sensors. The gateway connects to a power outlet, and the sensors are compact, white devices.

4. SETUP GUIDE

4.1 Before You Begin

- Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. The gateway only supports 2.4GHz Wi-Fi.
- Download the Govee Home app from the App Store (iOS) or Google Play (Android).
- Have your Wi-Fi network name and password ready.

4.2 Step-by-Step Installation

1. **Download Govee Home App:** Search for "Govee Home" in your app store and install it.
2. **Plug in Gateway:** Plug the GoveeLife LoRa Gateway (H5043) into a power outlet within range of your Wi-Fi router. The indicator light will flash.
3. **Add Gateway to App:** Open the Govee Home app, tap the "+" icon in the top right corner, and search for model H5043. Follow the in-app instructions to connect the gateway to your 2.4GHz Wi-Fi network.

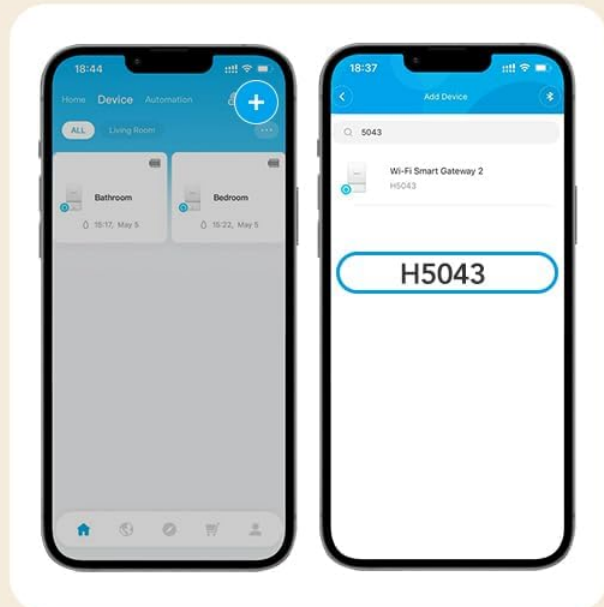
4. **Pair Sensors:** Once the gateway is connected, tap "Add a new sub-device" in the app. Long press the button on each water leak sensor (H5058) for 3 seconds until its indicator light flashes, then tap the "+" icon in the app to pair it. Name each sensor according to its location (e.g., "Basement", "Kitchen Sink").

Connecting to Wi-Fi Gateway & Sensor

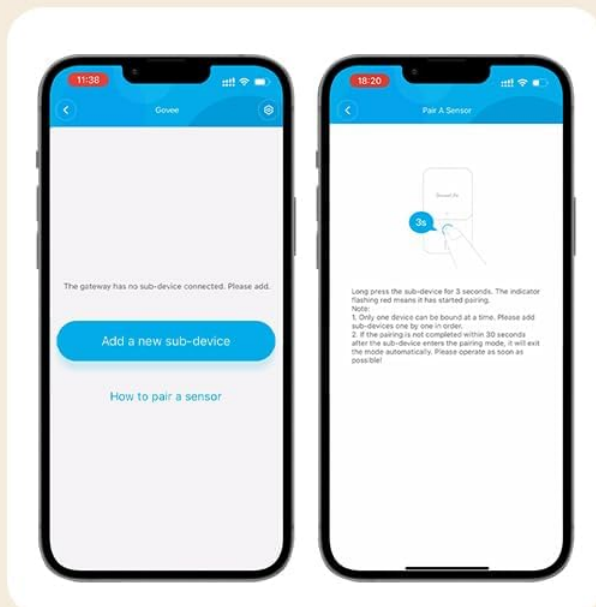
*Only Support 2.4G Wi-Fi



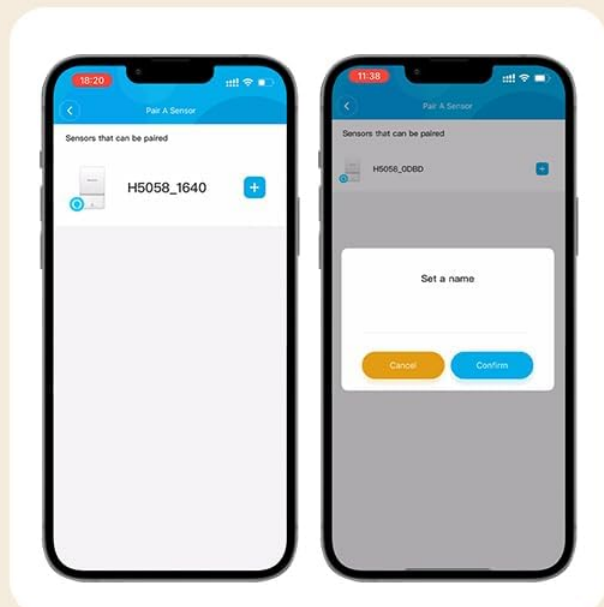
- 1 Download GoveeHome App and plug in the gateway.



- 2 Add the gateway model H5043 and connect to Wi-Fi.



- 3 Tap "Add a new sub- Device" and Long press 3 seconds to start pairing.



- 4 Tap the "+" icon and enter a name.

This visual guide illustrates the process of setting up your GoveeLife system. It shows downloading the Govee Home app, plugging in the H5043 gateway, adding the gateway to the app, and then pairing the H5058 sensors by long-pressing the button and naming them within the application.

5. OPERATING INSTRUCTIONS

5.1 Sensor Placement

Place the water leak sensors in areas where water leaks are likely to occur. The sensors are equipped with both top and bottom probes for detecting drips and leaks.

- **Basements:** Near sump pumps, water heaters, or foundation walls.
- **Kitchens:** Under sinks, near dishwashers, or refrigerators with ice makers.
- **Bathrooms:** Near toilets, bathtubs, showers, or under sinks.
- **Laundry Rooms:** Behind or next to washing machines.
- **Other Areas:** Near aquariums, pipes, or any appliance connected to a water line.

Drip and Leak Alerts

Extra sensitive probes with faster alert times



This image demonstrates the GoveeLife water leak sensor's ability to detect both dripping and leaking water. It shows the sensor placed on a surface, with visual indicators for 'Leaking' (water covering the top probes) and 'Dropping' (water touching the bottom probes).

5.2 Receiving Alerts

When a water leak is detected, the system will trigger multiple alerts:

- **Audible Alarm:** The sensor will emit an alarm up to 100dB.

- **App Notifications:** You will receive instant notifications on your smartphone via the Govee Home app.
- **Email Alerts:** The system can send email notifications to your registered email address.

Suport Connects Up to 100 Sensors

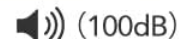
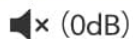
Name each sensor to easily monitor water leaks

1 Smart Gateway

100 Water Sensors



Adjustable Volume Alerts



This image shows a user receiving real-time alerts on their smartphone and via email, indicating a water leak detected by the GoveeLife system. This highlights the remote monitoring capability, allowing users to be informed even when away from home.

5.3 Voice Assistant Integration

The GoveeLife system is compatible with popular voice assistants, allowing for convenient voice reminders:

- **Amazon Alexa:** Enable the Govee skill in the Alexa app.
- **Google Assistant:** Link your Govee account in the Google Home app.
- Receive voice notifications about detected leaks from your smart speakers.

Voice Assistant Reminder

Know right away when water leaks happen

works with alexa | works with Hey Google | Works with IFTTT | APP

15:53:23, 6/7/2023
Leakage alert: "Kitchen Sink" has detected water leakage. Check the area as soon as possible.

Water detected in kitchen sink.

This image depicts a user interacting with a voice assistant device (like Amazon Echo Dot) that is announcing a water leak detected in the

kitchen sink. This illustrates the voice assistant reminder feature, providing hands-free alerts.

6. MAINTENANCE

6.1 Battery Replacement

The water leak sensors are powered by AAA batteries, which can last for over 5 years under normal usage conditions. When the battery is low, the Govee Home app will notify you. To replace the batteries:

1. Gently open the battery compartment on the sensor.
2. Remove the old AAA batteries.
3. Insert new AAA batteries, ensuring correct polarity.
4. Close the battery compartment securely.

6.2 Cleaning

To ensure optimal performance, periodically clean the sensors and their probes. Use a soft, dry cloth to wipe away any dust or debris. Do not use harsh chemicals or abrasive cleaners.

6.3 Waterproof Rating

The GoveeLife water leak sensors have an IP66 waterproof rating, meaning they are protected against powerful water jets and can withstand use in humid or wet environments. However, they are not designed for continuous submersion.

IP66 Waterproof and Durable

Allows for extended use in humid areas



IP66 Waterproof



2-Year Battery Life



This image highlights the durability of the GoveeLife water leak sensor, emphasizing its IP66 waterproof rating and a stated 2-year battery life. The sensor is shown partially submerged in water, illustrating its water resistance.

7. TROUBLESHOOTING

If you encounter issues with your GoveeLife water leak detection system, refer to the following common problems and solutions:

- **Gateway not connecting to Wi-Fi:** Ensure your Wi-Fi is 2.4GHz. Check Wi-Fi password. Move gateway closer to router.
- **Sensors not pairing:** Make sure the gateway is connected to Wi-Fi. Long press the sensor button for 3 seconds until it flashes. Ensure sensors are within LoRa range of the gateway.
- **No alerts received:** Check app notification settings on your phone. Verify email spam folder. Ensure sensors have sufficient battery.
- **False alarms:** Ensure sensors are placed on a dry, stable surface. Clean the sensor probes to remove any residue that might mimic water.
- **Short battery life:** Ensure you are using high-quality AAA batteries. Extreme temperatures can affect battery performance.

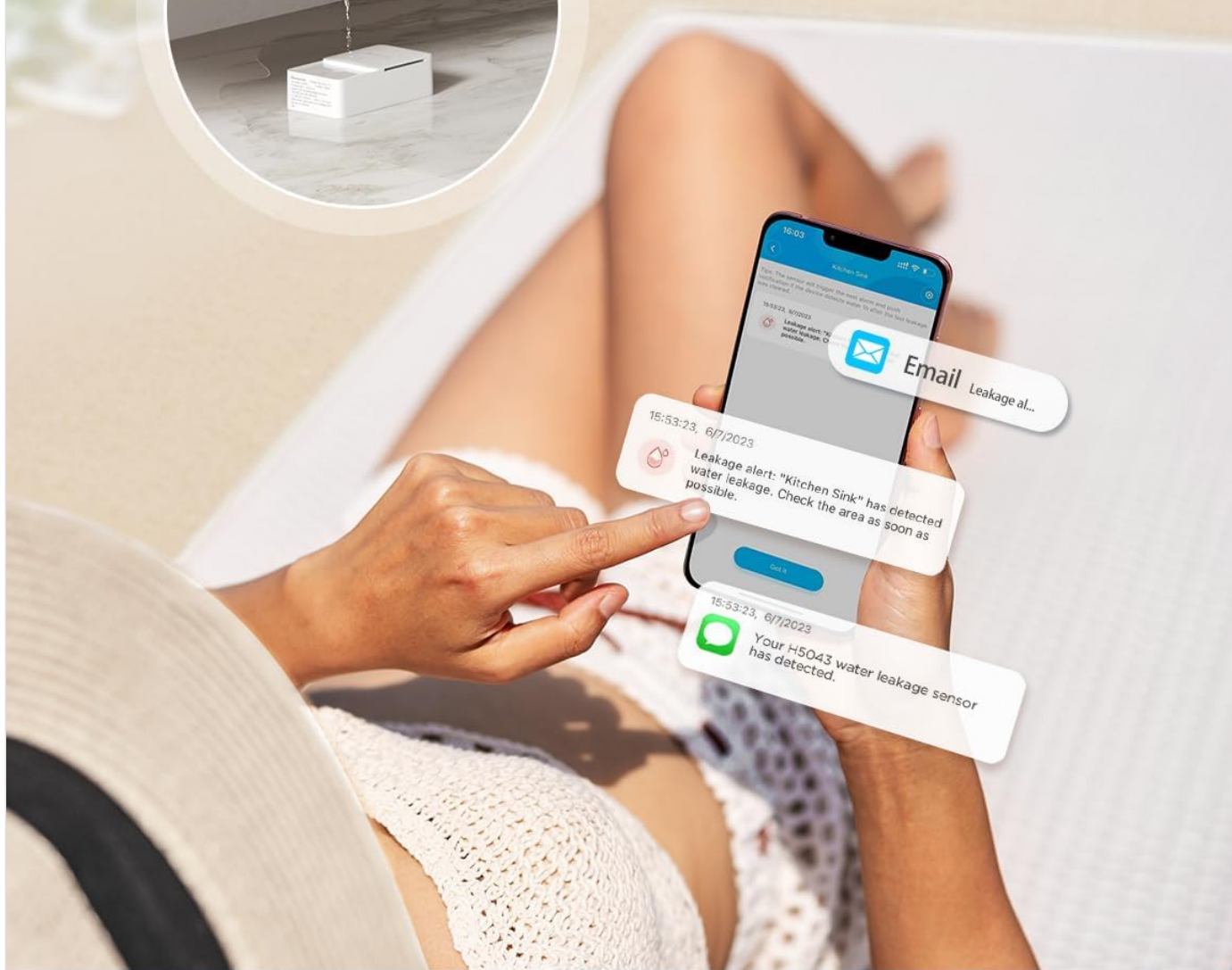
8. SPECIFICATIONS

Feature	Detail
Model	H5043 (Gateway) + H5058 (Sensor)
Power Source	Battery-powered (6 AAA batteries included)
Voltage	1.5 Volts (DC)
Sound Level	100 dB (Adjustable)
Control Method	Application (Govee Home)
Max Range (LoRa)	600m / 1968 feet (open air)
Sensor Technology	LoRa
Dimensions (Gateway)	8.2 x 5 x 3.3 cm
Material	ABS + Polycarbonate
Waterproof Rating	IP66
Sensor Battery Life	Over 5 years (typical use)
Supported Sensors	Up to 100
Connectivity	LoRa, 2.4G WiFi, Bluetooth

Protect Your Home

Monitor for water leaks remotely even while away

*Only Support 2.4G Wi-Fi



This image provides a comparison between the GoveeLife B5043 (new model) and B5040 water leak detectors. It highlights key differences such as supported sensor quantity (100 vs 10), battery life (5 years vs 1 year), support distance (600m/1968ft vs 60m/197ft), and connected methods (LoRa, 2.4G WiFi, Bluetooth vs 2.4G WiFi, 433).

Monitor 1968ft Range

Connect with the latest GoveeLife **LoRa** wireless technology



GoveeLife **LoRa** Sensor
600m/1968ft Range*

Zigbee

150m/492ft Range*

Bluetooth

60m/196ft Range*

LoRa Gateway

*Under open-air and optimal conditions with no repeaters or boosters

This diagram visually represents the impressive 1968ft (600m) range of the GoveeLife LoRa sensor, showing it can cover multiple houses. It contrasts this with the shorter ranges of Zigbee (150m/492ft) and Bluetooth (60m/196ft), emphasizing the long-range capability of the LoRa gateway.

Comparing B5043 and B5040

B5043



New

VS

B5040



Support Sensor Quantity

100

Battery Life

5 years

Support Distance

600m/1968ft

Connected Method

LoRa, 2.4G WiFi, Bluetooth

Support Sensor Quantity

10

Battery Life

1 year

Support Distance

60m/197ft

Connected Method

2.4G WiFi, 433

This image demonstrates the scalability of the GoveeLife system, showing a single smart gateway capable of connecting to up to 100 water sensors distributed throughout a large building. It also indicates adjustable volume alerts from 0dB to 100dB.

9. WARRANTY INFORMATION

GoveeLife products typically come with a limited warranty. Please refer to the warranty card included in your product packaging or visit the official GoveeLife website for the most up-to-date warranty terms and conditions. Keep your

purchase receipt as proof of purchase for warranty claims.

10. CUSTOMER SUPPORT

For technical support, troubleshooting assistance, or any questions regarding your GoveeLife LoRa WiFi Water Leak Detector, please contact GoveeLife customer support through the following channels:

- **Govee Home App:** Access the 'Feedback' or 'Help' section within the app.
- **Official Website:** Visit the GoveeLife official website for FAQs, support articles, and contact forms.
- **Email:** Refer to the contact information provided on the GoveeLife website or in your product packaging.