

YoLink YS4103

YoLink Smart Sprinkler Hose Timer (YS4103) Instruction Manual

1. INTRODUCTION

The YoLink Smart Sprinkler Hose Timer (Model YS4103) is designed to automate irrigation for gardens, lawns, and small farms. This device integrates a flow meter and auto-shutoff capabilities, offering precise control over watering schedules and water usage. It operates as a single-zone timer with a 3/4" GHT connection, utilizing the YoLink app for scheduling and monitoring. A YoLink Hub (sold separately) is required for full smart features and remote access.

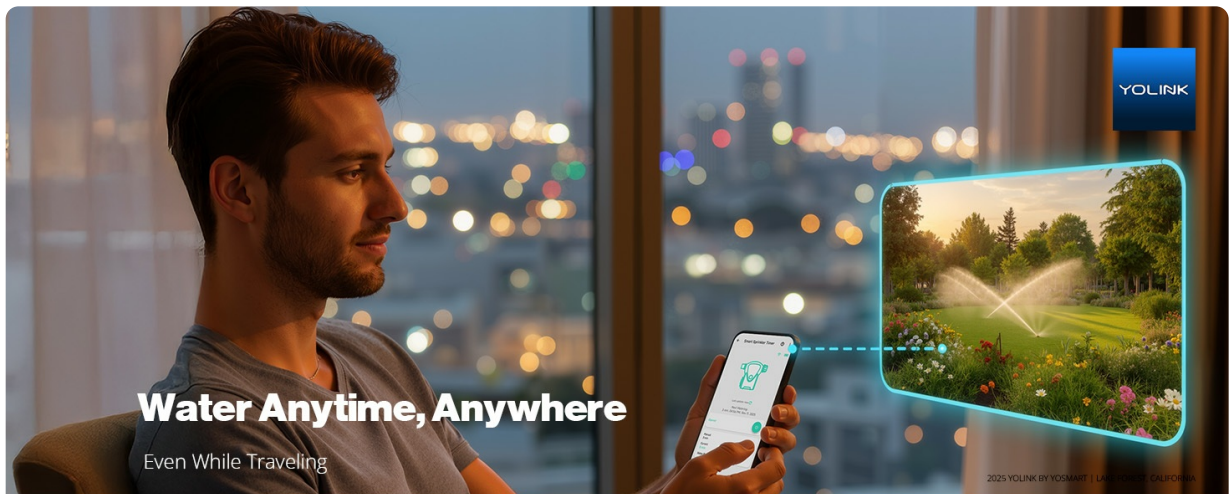


Image: A user remotely controlling their sprinkler system via the YoLink app, demonstrating the ability to manage watering schedules from any location.

2. SETUP

2.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Inspect the sprinkler timer for any visible damage. Ensure all parts are present before proceeding with installation.

2.2 Physical Installation

1. **Attach to Faucet:** Connect the YoLink Smart Sprinkler Hose Timer directly to your outdoor faucet (3/4" GHT). Ensure a tight, leak-free connection.
2. **Connect Hose:** Attach your garden hose to the outlet of the sprinkler timer.

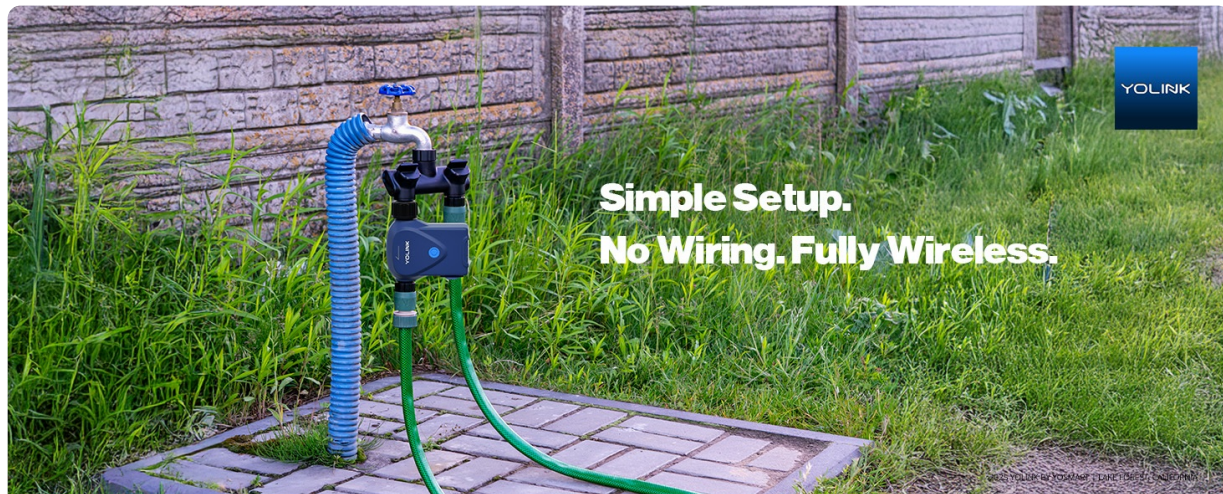


Image: The YoLink Smart Sprinkler Hose Timer installed on an outdoor faucet, illustrating its simple, wireless setup.

2.3 YoLink Hub Requirement

The YS4103 requires a YoLink Hub (sold separately) to enable app features, automation, and smart alerts. The hub provides long-range LoRa connectivity for reliable communication with the timer.

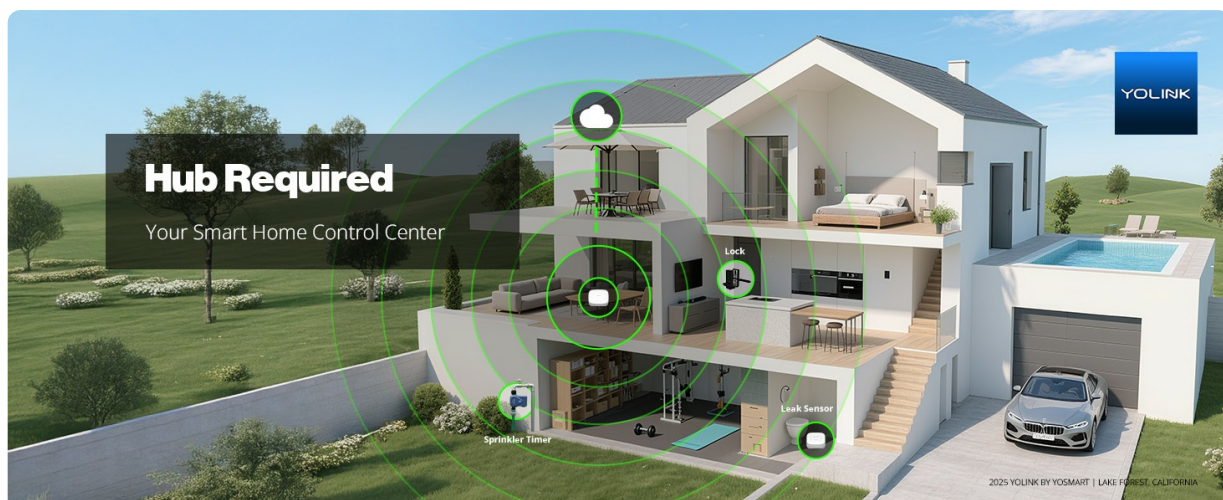


Image: An illustration depicting the necessity of a YoLink Hub for integrating the sprinkler timer into a smart home system.

2.4 App Pairing

1. **Download YoLink App:** Download and install the YoLink app from your device's app store.
2. **Create Account:** Register for a YoLink account or log in if you already have one.
3. **Add Device:** Follow the in-app instructions to add your YS4103 Sprinkler Hose Timer to your YoLink system. This typically involves scanning a QR code on the device or manually entering its Device ID.

3. OPERATION

3.1 Watering Modes

The YS4103 offers two primary watering modes:

- **Duration Mode:** Water for a specified period (e.g., 15 minutes). Ideal for general watering needs.
- **Volume Mode:** Deliver a precise amount of water (e.g., 5 gallons). Useful for plants requiring exact water quantities.

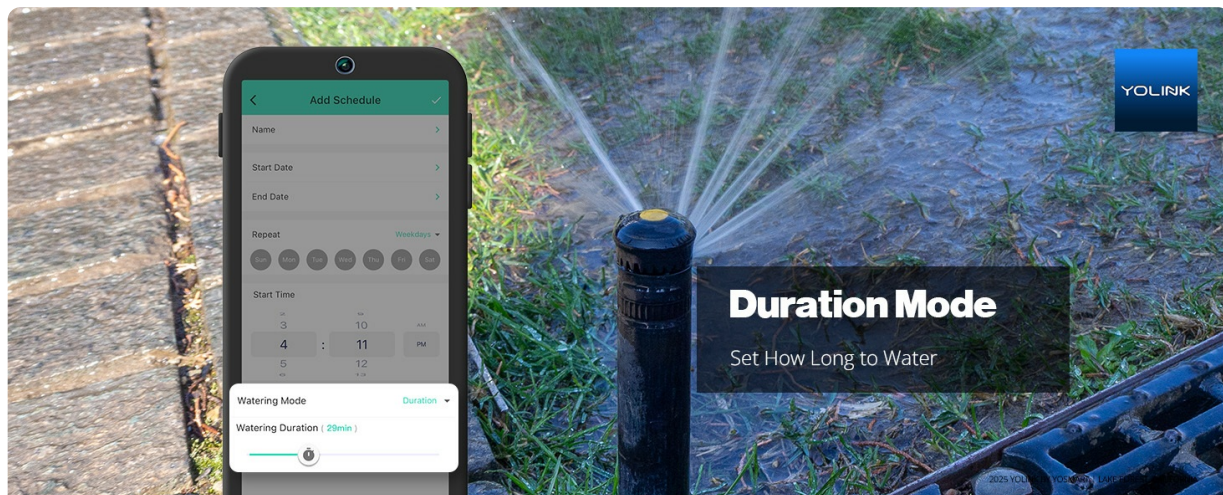


Image: The YoLink app interface demonstrating how to set a watering duration for the sprinkler timer.

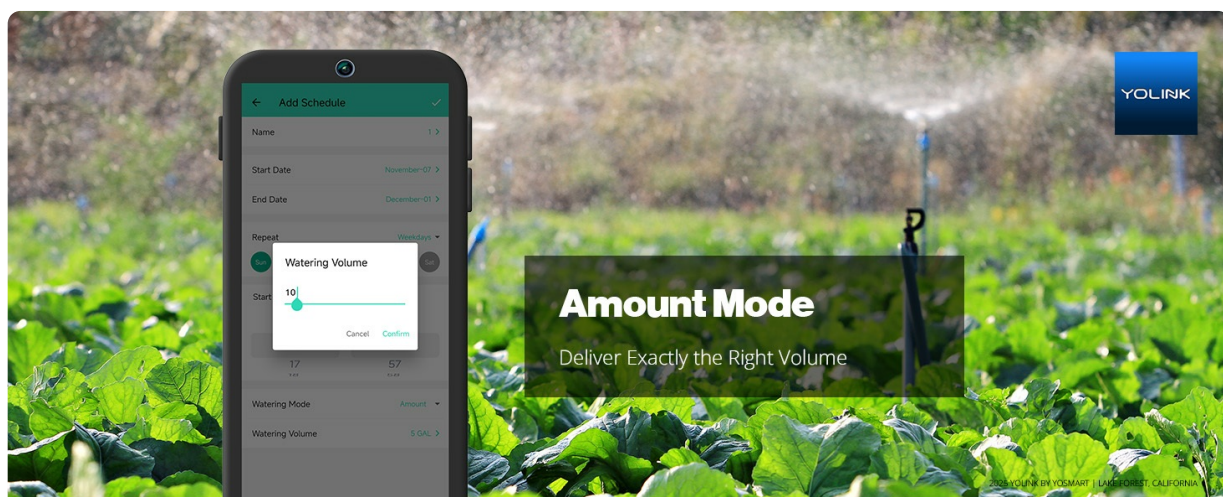


Image: The YoLink app interface illustrating the setting of a specific water volume for irrigation.

3.2 Scheduling

Create customized watering schedules through the YoLink app. Options include:

- Daily, weekly, or specific days of the week.
- Odd/even day cycles.
- Custom cycles (e.g., every two days).

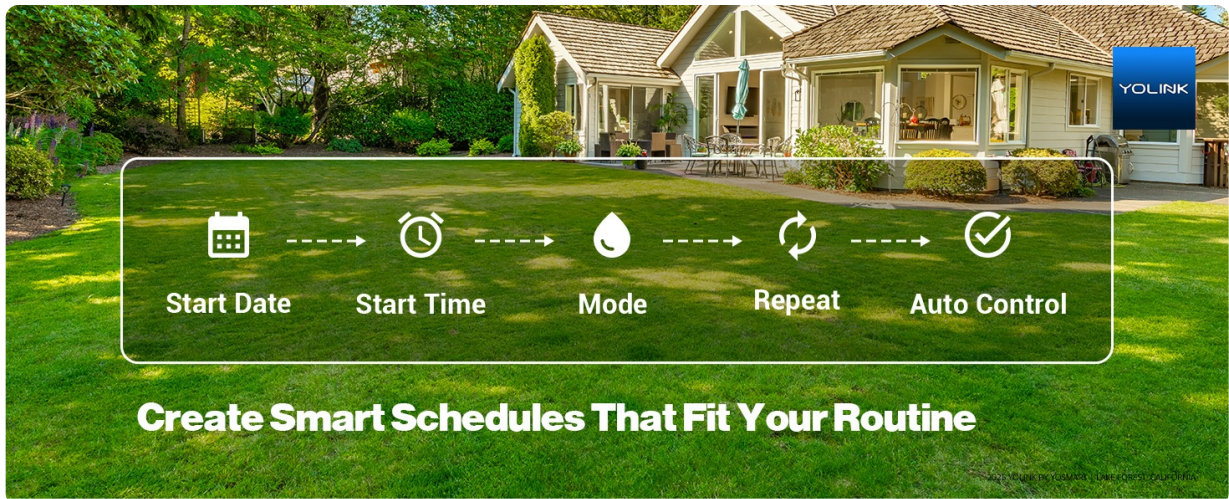


Image: A visual representation of the steps involved in setting up a smart watering schedule within the YoLink app.

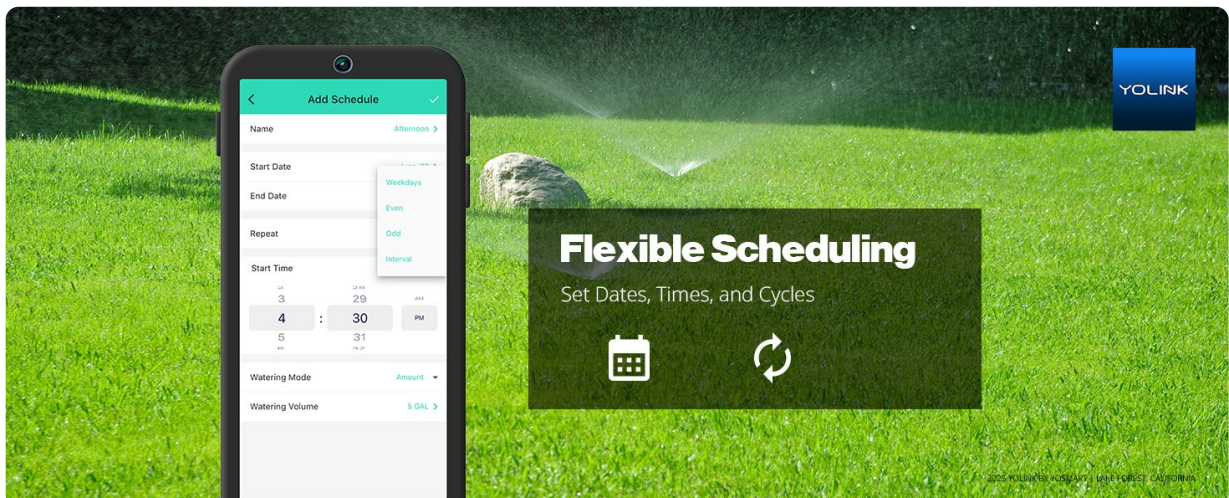


Image: The YoLink app displaying various options for flexible scheduling, including setting dates, times, and repeat cycles.

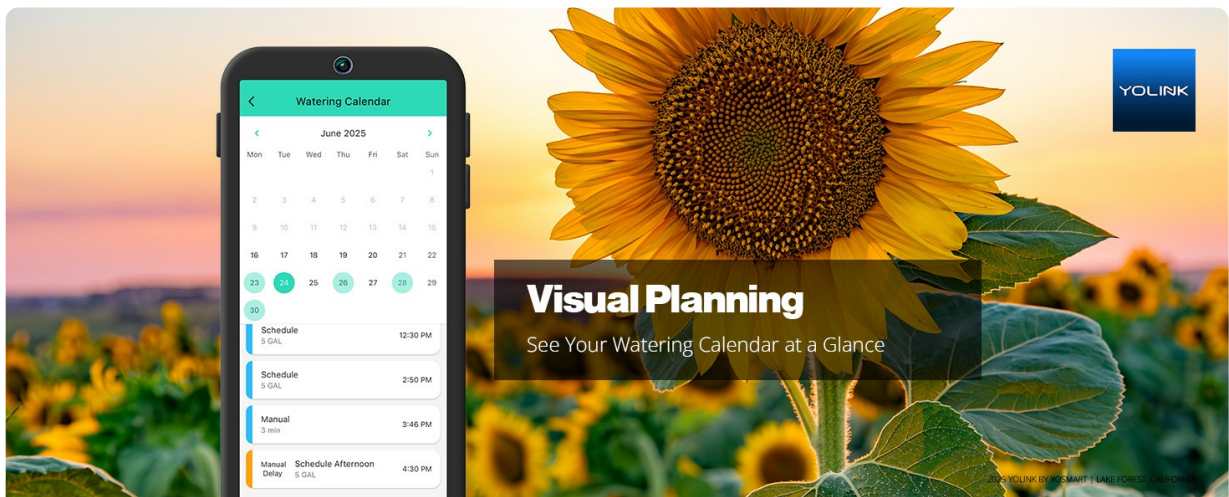


Image: A calendar view within the YoLink app, providing an overview of planned watering events.

3.3 ECO Mode (Weather-Smart Delay)

Activate ECO Mode to conserve water. The timer uses real-time weather data to automatically delay watering during rainy conditions. Watering resumes automatically when the weather clears, preventing overwatering and waste.

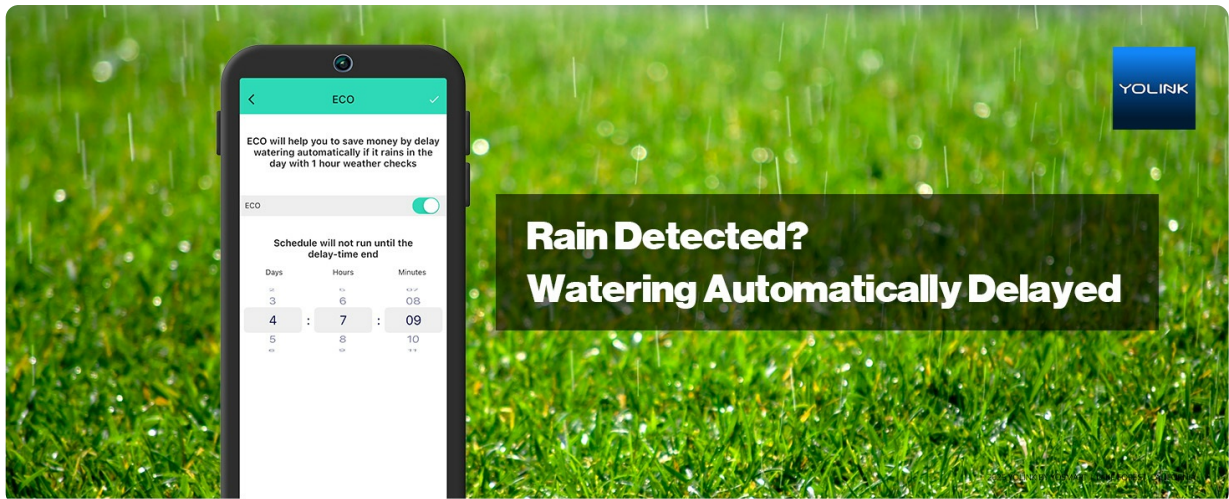


Image: The YoLink app interface showing ECO Mode enabled, with a notification indicating watering has been automatically delayed due to rain.

3.4 Built-in Flow Meter

The integrated flow meter measures real-time water flow and total usage. This data is accessible in the YoLink app, allowing you to monitor water consumption, optimize irrigation, and detect potential leaks.

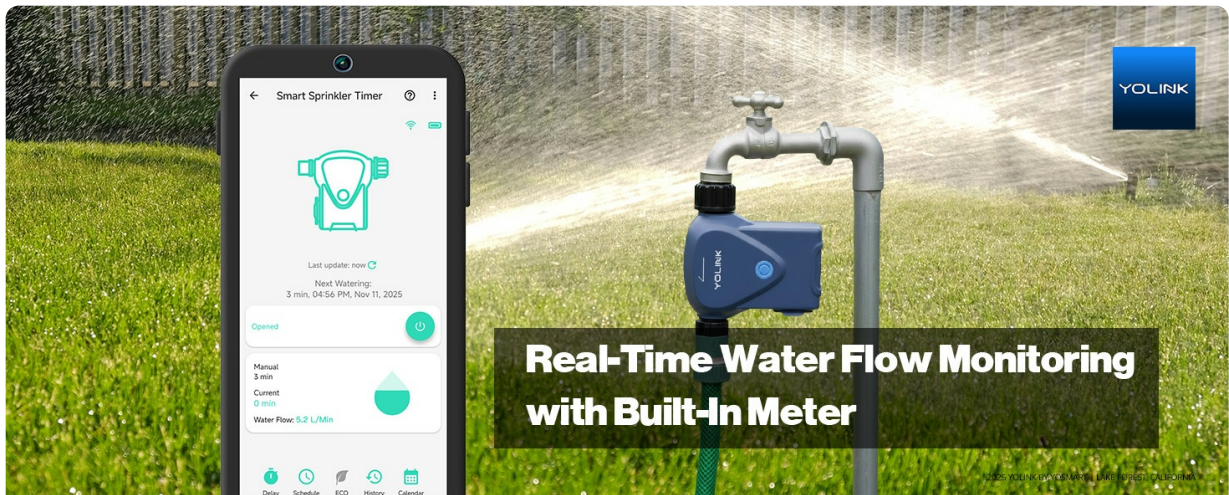


Image: The YoLink app displaying real-time water flow data from the sprinkler timer, with the device shown connected to a hose.

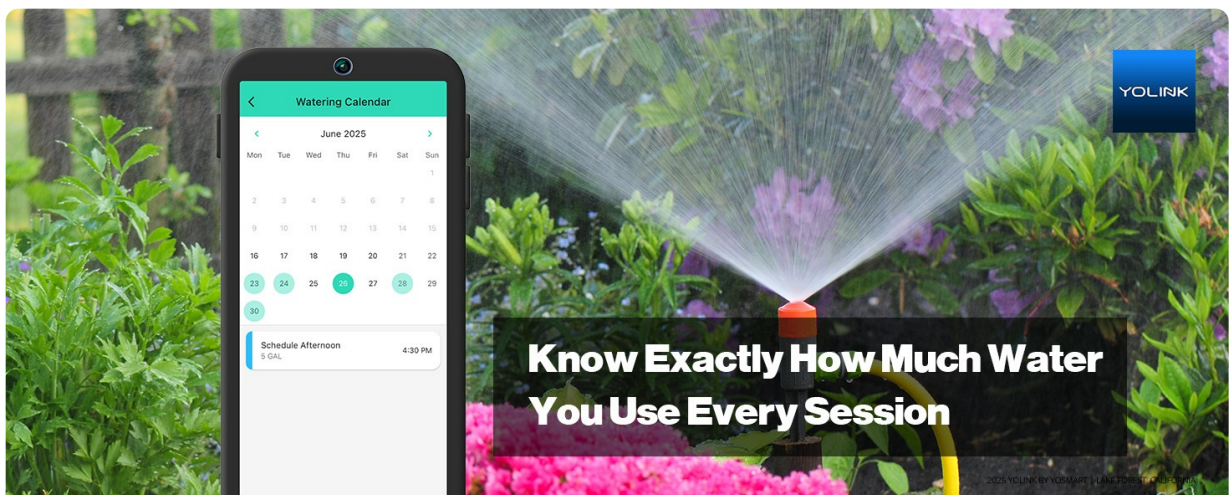


Image: The YoLink app interface providing a detailed history of water usage for the sprinkler timer.

3.5 Remote and Local Control

- **YoLink App:** Control your sprinkler timer from anywhere using the YoLink app.
- **Device Button:** Use the physical button on the device for quick manual control.

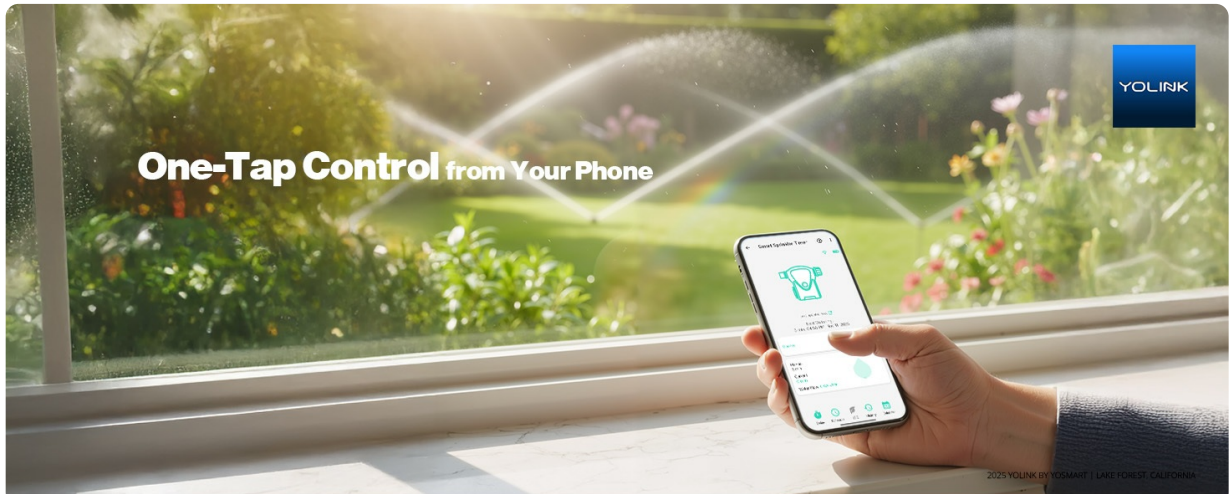


Image: A hand holding a smartphone displaying the YoLink app, highlighting the ease of one-tap control for the sprinkler.



Image: A hand holding a YoLink remote control, demonstrating local access for immediate control of the sprinkler.

3.6 Smart Scenes and Automation

Integrate the YS4103 with other YoLink devices to create smart scenes and automated routines. For example, link it with a soil moisture sensor to water only when needed.



Image: A diagram illustrating how the YoLink sprinkler timer can be automated through smart scenes with other devices.

4. CONNECTIVITY AND SMART HOME INTEGRATION

4.1 LoRa Long Range Technology

The YS4103 utilizes LoRa technology, providing reliable wireless coverage up to 1/4 mile in open air. This ensures connectivity for large gardens, backyards, or farms without relying on Wi-Fi for the device itself.



Image: An aerial view demonstrating the extensive 1/4 mile range provided by the YoLink LoRa technology from a central hub.

4.2 Smart Home Compatibility

The YoLink system, including the YS4103, is compatible with popular smart home platforms such as Alexa, IFTTT, and Home Assistant, allowing for voice control and advanced automation.



Image: Logos indicating compatibility with YoLink app, Alexa, Google Assistant, IFTTT, and Home Assistant for smart home integration.

5. MAINTENANCE

5.1 General Care

Keep the sprinkler timer clean and free from debris. Periodically check connections for tightness to prevent leaks. Store the device indoors during freezing temperatures to prevent damage.

5.2 Battery Replacement

The YS4103 is battery-powered. When the battery level is low, you will receive an alert via the YoLink app. Replace batteries promptly to ensure continuous operation. Refer to the device's battery compartment for specific battery type and replacement instructions.

6. TROUBLESHOOTING

6.1 Common Issues

- **No Water Flow:** Check that the faucet is fully open, the hose is not kinked, and the timer's battery is not depleted. Ensure the timer is not in a delayed state due to ECO Mode.
- **Device Offline:** Verify that your YoLink Hub is powered on and connected to the internet. Ensure the sprinkler timer is within range of the hub.
- **Leaks:** Tighten all connections at the faucet and hose. Check for damaged washers and replace if necessary.

6.2 Alerts and Notifications

The YoLink app provides alerts for low battery, device offline status, and other operational issues. Configure notification settings within the app to receive timely updates.

7. SPECIFICATIONS

| Feature | Detail |
|-----------------------------|--|
| Brand | YoLink |
| Model Number | YS4103 |
| Color | Blue |
| Material | Plastic |
| Item Dimensions (L x W x H) | 2 x 5.7 x 5 inches |
| Connection Type | 3/4" GHT |
| Wireless Technology | LoRa |
| Wireless Range | Up to 1/4 mile (open air) |
| Smart Home Compatibility | YoLink App, Alexa, Google Assistant, IFTTT, Home Assistant |
| UPC | 810121542767 |
| GTIN | 810121542767 |

8. SUPPORT AND WARRANTY

8.1 Expert Support

For immediate assistance with setup or operational questions, contact YoLink's knowledgeable support team via phone or email. Refer to the YoLink website for contact details.

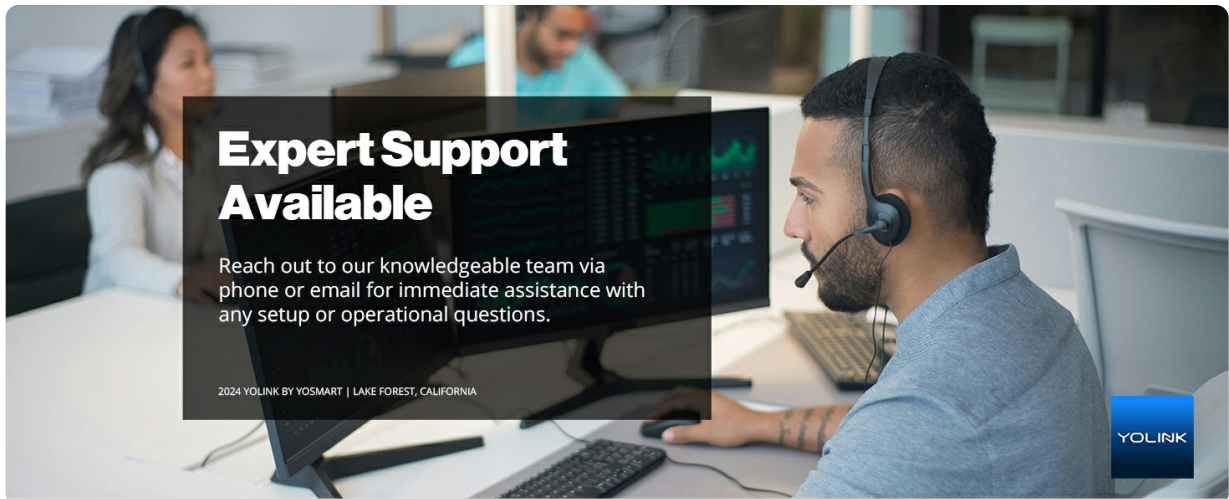


Image: A customer support representative ready to assist with product inquiries.

8.2 Online Resources

Access detailed FAQs, troubleshooting guides, and user manuals anytime on the YoLink support site: www.yosmart.com/support-and-service.

Comprehensive Online Resources

Access detailed FAQs, troubleshooting guides, and user manuals anytime on our support site.
<http://www.yosmart.com/support-and-service>



FAQ



Troubleshooting



User manual

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Image: Icons representing available online resources: FAQ, Troubleshooting, and User Manual.

8.3 Warranty Information

For specific warranty terms and conditions, please refer to the official YoLink website or the documentation included with your product. YoLink typically offers a limited warranty against defects in materials and workmanship.

9. APPLICATIONS

The YoLink Smart Sprinkler Hose Timer is versatile and suitable for various watering applications:

- **Lawns, Gardens, and Raised Beds:** Automated and precise watering for healthy plant growth.
- **Greenhouses & Seedling Trays:** Consistent drip/mist scheduling for sensitive plants.
- **Orchards, Hedges, and Trees:** Deep soaking without overwatering.
- **Rooftop & Urban Farming:** Container irrigation at scale.
- **Public Landscapes & Streetscapes:** Reliable, unattended schedules.
- **Outdoor Patios & Mist Cooling:** Timed comfort during hot hours.

- **Nurseries & Plant Yards:** Precise volume for sensitive stock.
- **Event Venues & Resorts:** Misting lines on a schedule.
- **Sports Corners & Practice Areas:** Spot watering for wear zones.
- **Construction & Hardscape Curing:** Scheduled moisture control.

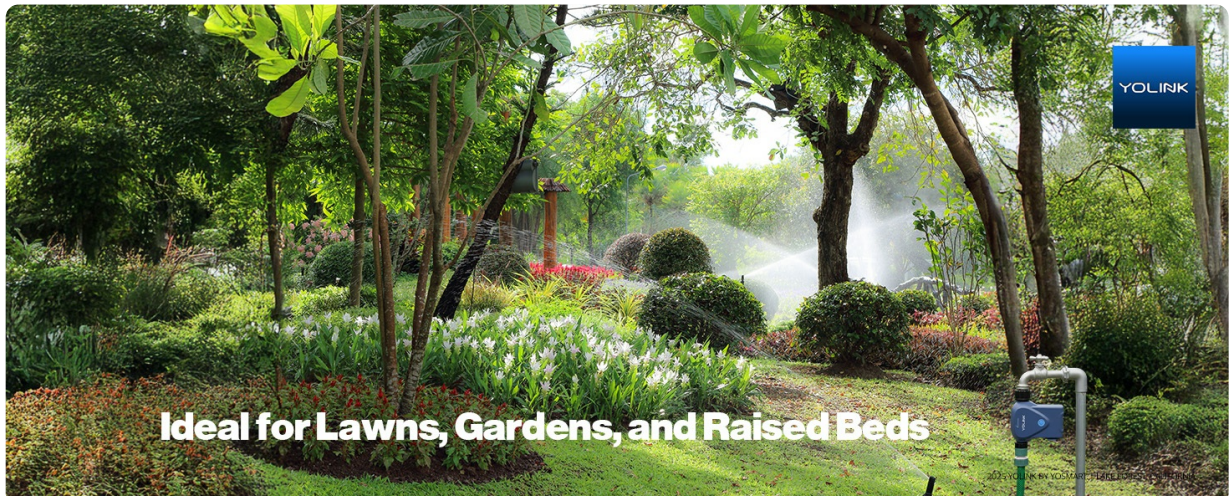


Image: A well-maintained lawn being watered by sprinklers, demonstrating an ideal application for the timer.



Image: Greenhouses utilizing a misting system for seedling trays, highlighting precise watering for sensitive plants.

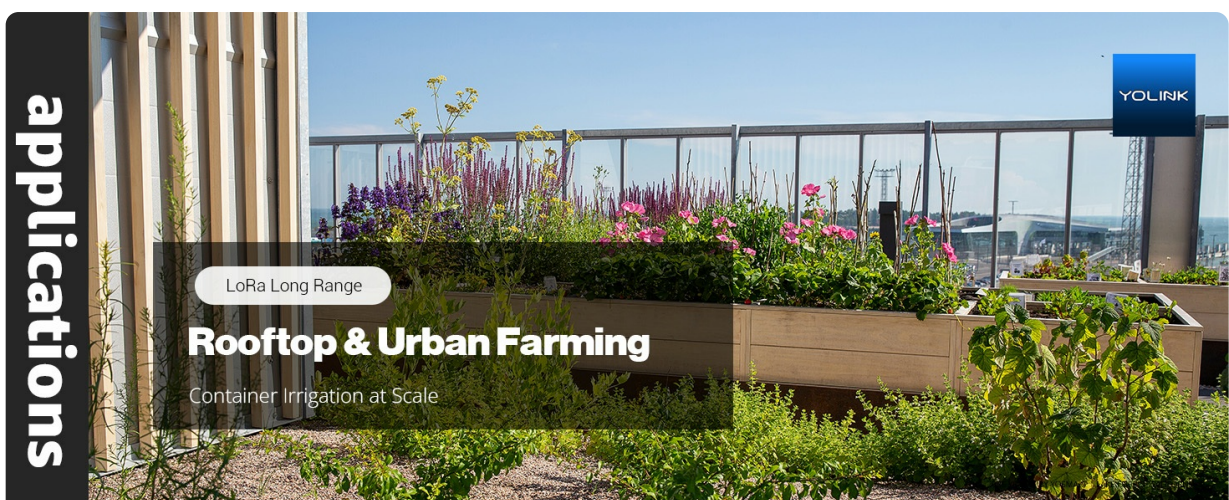


Image: A drip irrigation system providing water to the base of a plant, suitable for orchards, hedges, and trees.

