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sainlogic HY01

Sainlogic HY01 Hydroponics Growing System Kit User Manual

Model: HY01

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Sainlogic HY01 Hydroponics Growing System Kit. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

SAFETY INFORMATION

Always ensure the kit is properly installed and connected to a water source to prevent leaks. Use the DND mode to minimize noise, especially in quiet environments like bedrooms or kitchens. Regularly inspect the kit for any signs of wear or damage to ensure continued safe operation.

WHAT'S IN THE BOX

Your Sainlogic HY01 Hydroponics Growing System Kit includes the following components:

- Grow System
- Power Adapter
- Sponge (12 pieces)
- Basket (12 pieces)
- Grow Dome (12 pieces)
- Nutrient Solution A+B
- User Manual

Multi-Scene Application

From Living Room to Kitchen - Grow Anything, Everywhere



Image: All components included in the Sainlogic HY01 Hydroponics Growing System Kit, laid out for inspection.

SETUP INSTRUCTIONS

Follow these steps to set up your hydroponics growing system:

1. **Assemble the System:** Place the main growing base on a stable, flat surface. Insert the adjustable light pole into the designated slot.
2. **Insert Sprout Pods:** Place the provided sponges into the baskets, then insert the baskets into the 12 openings on the top cover. Cover each pod with a grow dome.
3. **Add Water and Nutrient Solution:** Fill the water reservoir with clean water up to the 'Max' line. Add the appropriate amount of Nutrient Solution A and B as per the detailed mixing ratios provided in the user manual.
4. **Connect Power:** Plug the power adapter into the system and then into a power outlet.
5. **Adjust Lamp Height:** Adjust the LED grow light to the appropriate height for your plants. For initial setup with seeds, keep the light closer to the pods (e.g., 1-2 inches above).

Smart Life APP

Your All-in-One Indoor Garden Control Hub—Growth Mode/Days, Brightness, Pump Mode, Light Cycle

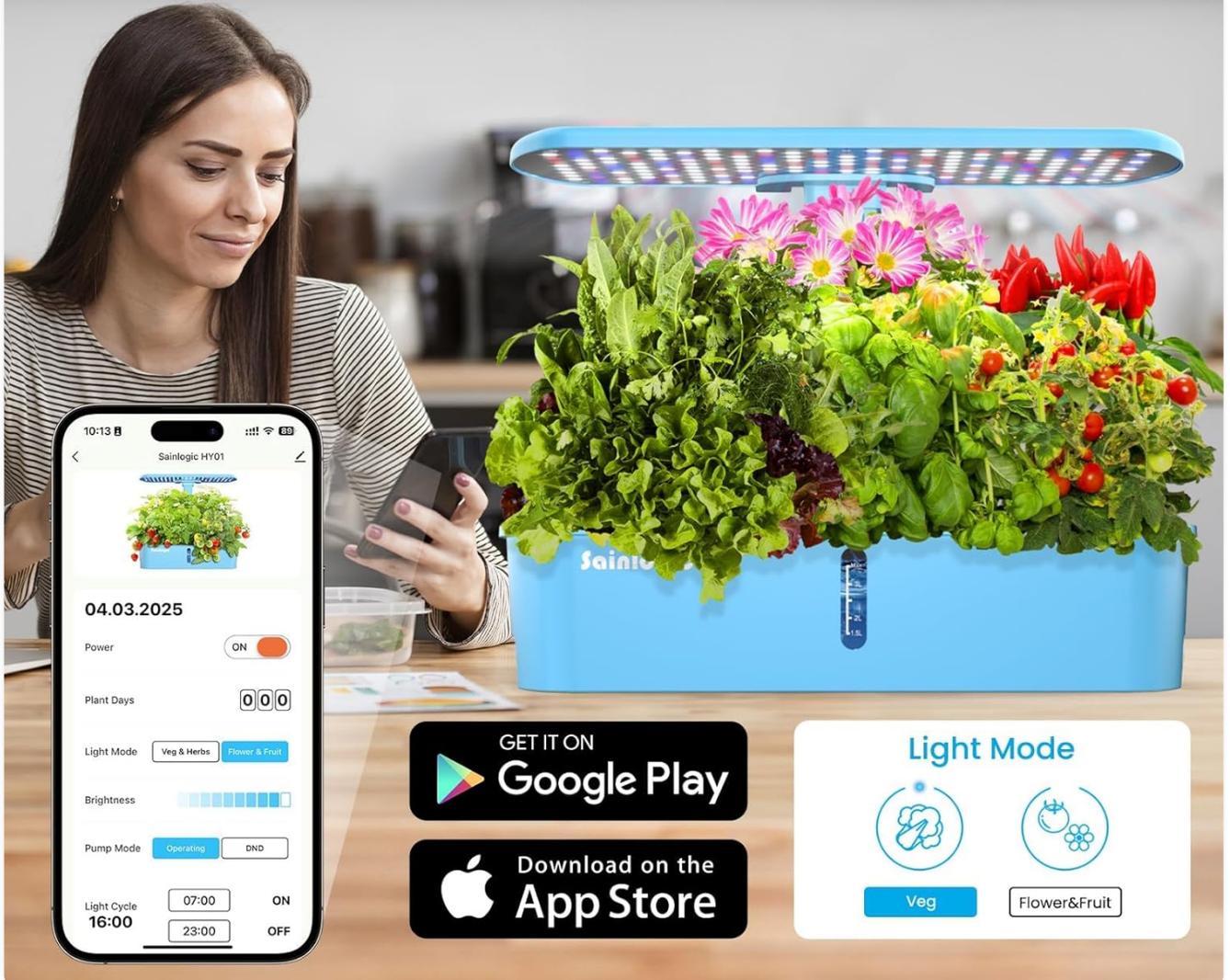


Image: The Sainlogic HY01 Hydroponics Growing System showing the adjustable light and the 12 planting pods.

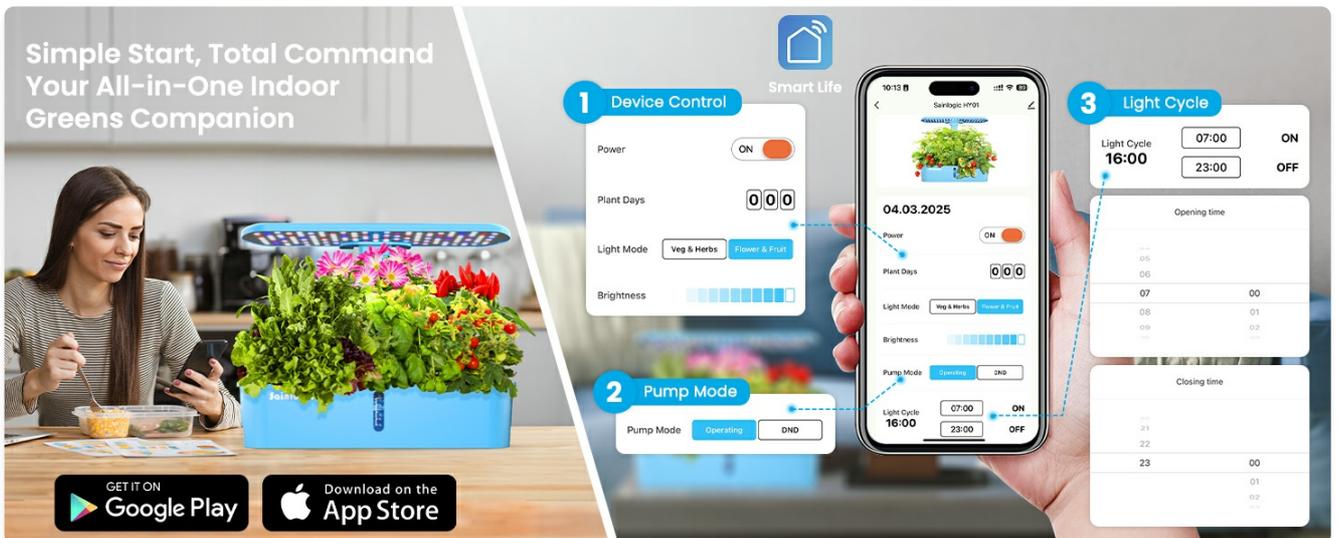


Image: A visual guide demonstrating the three main setup steps: adjusting lamp height, adding water and nutrients, and inserting sprout pods.

Your browser does not support the video tag.

Video: An overview of the Sainlogic HY01 Hydroponics Growing System, highlighting its features and ease of setup.

OPERATING YOUR SYSTEM

Control Panel and Modes

The system features an intuitive control panel with buttons for Power, Veg, Flower, and Pump/Wi-Fi. You can also control the system via the Smart Life App.

- **Power:** Turns the system on/off.
- **Veg Mode:** Activates the light spectrum optimized for vegetative growth (46 White, 24 Red, 5 Blue LEDs).
- **Flower Mode:** Activates the light spectrum optimized for flowering and fruiting (46 White, 24 Red LEDs).
- **Pump/Wi-Fi:** Controls the water pump and initiates Wi-Fi pairing.

Smart Life App & Wi-Fi Connectivity

Connect your system to the Smart Life App via Wi-Fi for remote control and monitoring. The app allows you to:

- Monitor plant growth days.
- Switch between Veg & Herbs and Flower & Fruit light modes.
- Adjust light brightness (10-level dimming, 0-100%).
- Set custom 0-24h lighting schedules.
- Control the water pump mode (Operating or DND).

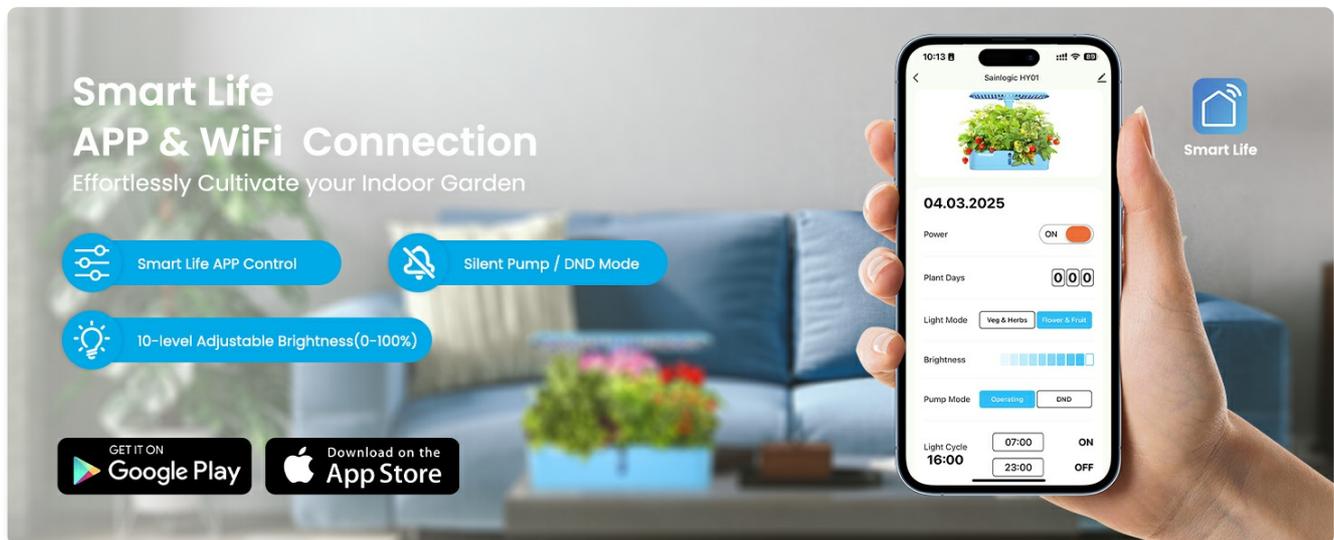


Image: A smartphone displaying the Smart Life App interface, controlling the Sainlogic HY01 Hydroponics Growing System.

Lighting and Timer

The 24W full-spectrum LED grow light provides optimal illumination for plant growth. The system offers:

- **Auto Timer:** Default 16 hours on / 8 hours off cycle, activated with one click of the mode button.
- **Custom Schedules:** Program personalized lighting schedules via the Smart Life App.
- **10-Level Dimming:** Adjust light intensity from 0-100% to suit different plant stages.



Image: The Sainlogic HY01 system demonstrating the Smart Light Timer feature with 10-level adjustable brightness.

Ultra-Quiet Auto Pump with DND Mode

The integrated water pump ensures continuous water circulation and oxygenation for healthy roots. It operates at less than 20dB for minimal disturbance.

- **Operating Mode:** Provides regular water circulation.
- **DND Mode:** Pauses nighttime watering for 12 hours, ideal for quiet environments.

Ultra Quiet Pump with DND Mode



Image: The Sainlogic HY01 system illustrating the ultra-quiet pump and DND mode, with a sleeping cat nearby to emphasize quiet operation.

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Video: A brief demonstration of the Sainlogic HY01 Hydroponics Growing System in operation, showcasing its features.

MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your hydroponics system:

- **Water Level:** Monitor the visible water level window and refill water as needed. Ensure the water level does not drop below the minimum mark.
- **Nutrient Solution:** Replenish nutrient solution every 2-3 weeks, or as recommended for your specific plants. Follow the mixing ratios provided in your user manual.
- **Cleaning:** Periodically clean the water reservoir and pump to prevent algae buildup and ensure optimal water circulation. Disconnect power before cleaning.
- **Pod Replacement:** Replace sponges and baskets as they wear out or after each harvest cycle to maintain

hygiene and support new growth.

TROUBLESHOOTING

If you encounter any issues with your Sainlogic HY01 system, refer to the following common problems and solutions:

- **Lights Not Turning On:**

- Check if the power adapter is securely connected to both the system and the power outlet.
- Ensure the system is powered on via the Power button or the Smart Life App.

- **Pump Not Operating:**

- Verify the pump is not in DND mode.
- Check for any obstructions in the pump or tubing.
- Ensure the water level is sufficient for the pump to operate.

- **Poor Plant Growth:**

- Confirm the correct light mode (Veg or Flower) is selected for your plant's growth stage.
- Adjust the light height to be appropriate for the plant's size.
- Check nutrient solution levels and ensure proper mixing ratios.
- Ensure adequate water oxygenation by checking pump operation.

- **Wi-Fi Connection Issues:**

- Ensure your Wi-Fi network is 2.4GHz (5GHz networks are not supported).
- Restart the system and attempt to reconnect via the Smart Life App.
- Ensure the device is within range of your Wi-Fi router.

For further assistance, please contact Sainlogic customer support.

SPECIFICATIONS

Feature	Detail
Model Name	HY01
Brand	Sainlogic
Material	ABS
Item Dimensions (L x W x H)	8 x 3 x 2 inches
Item Weight	3.3 Pounds
Power Source	AC
Special Features	Digital Timer, Leak Resistant, Programmable

Feature	Detail
Number of Pods	12
Volume Capacity	3.5 Liters
Smart Home Compatibility	Smart Life App, Wi-Fi Compatible (2.4GHz)

WARRANTY INFORMATION

Sainlogic offers a standard warranty for its products. You can activate your warranty and claim a 1-year free extension by scanning the QR code or visiting www.sainlogicwarranty.com within 14 days of purchase.



Image: QR code and website for activating your Sainlogic product warranty and claiming a 1-year extension.

CUSTOMER SUPPORT

Sainlogic is committed to providing excellent customer service. You can reach our U.S. local support team through multiple channels:

- **By Phone:** Monday through Friday, 10:00 AM to 6:00 PM (Eastern Time).
- **By Email:** We guarantee a reply within 24 hours on weekdays and within 48 hours on weekends.
- **Official Website:** Visit the Sainlogic official website for additional guides and support resources.



U.S. Localized After-Sales Support

By Phone: 10:00 AM to 6:00 PM ET. (Mon. to Fri.)
By Email: The service will reply within 24 hours on weekdays and within 48 hours on weekends.
By Sainlogic official website.



Enjoy Amazon's standard 30-day return service

Image: A customer service representative with a headset, illustrating Sainlogic's dedicated support.