

[Manuals.plus](#) /

> [LETPOT](#) /

> LETPOT LPH-Lite Hydroponics Growing System (Model LPH-Lite) - Instruction Manual

LETPOT LPH-Lite

LETPOT LPH-Lite Hydroponics Growing System (Model LPH-Lite) - Instruction Manual

Your guide to effortless indoor gardening.

1. OVERVIEW

The LETPOT LPH-Lite Hydroponics Growing System is an advanced indoor gardening solution designed for cultivating herbs, vegetables, fruits, and flowers year-round. This smart system integrates app and WiFi control, efficient LED lighting, and an automatic watering system to simplify the growing process.

Letpot Smart Indoor Garden

Meet All Your Planting Needs



Fruits

Vegetables



Herb

Flowers



Image: The LETPOT LPH-Lite Hydroponics Growing System showcasing a variety of thriving plants, including herbs, vegetables, and flowers, highlighting its versatility for different planting needs.

2. PRODUCT COMPONENTS

Your LETPOT LPH-Lite system includes everything needed to start growing immediately:

- Hydroponics Growing System Base Unit
- Adjustable LED Grow Light Rod (16-inch maximum height)
- 12 Planting Pods with Sponges
- 12 Plant Baskets

- 12 Pod Covers
- A&B Nutrients (Plant Food)
- Power Adapter
- Tweezers (for handling seeds)
- Grow Domes (for germination)



Image: An exploded diagram illustrating the various components of the LETPOT LPH-Lite system, including the water tank, light panel, and individual planting pods.

3. SETUP INSTRUCTIONS

Follow these steps to set up your LETPOT LPH-Lite Hydroponics Growing System:

1. **Assemble the Unit:** Connect the adjustable LED grow light rod to the base unit. Ensure all connections are secure.
2. **Prepare Sponges:** Soak the provided sponges in water for 6-12 hours before planting.
3. **Plant Seeds:** Place 2-3 seeds into each soaked sponge. Insert the sponges into the plant baskets.
4. **Place Pods:** Insert the plant baskets with seeds into the designated holes on the top cover of the system. Cover each pod with a grow dome to create a warm, humid environment for germination.
5. **Fill Water Tank:** Open the water tank filler plug and add water up to the 'Max' level indicated by the water level window. The 5.5L tank supports up to 3 weeks of self-sustained growth.
6. **Add Nutrients:** Add the appropriate amount of A&B nutrients to the water tank according to the plant food instructions. Shake the nutrient bottles well before use.
7. **Connect Power:** Plug the power adapter into the unit and a power outlet.

For a visual guide on unboxing and initial setup, please refer to the video below:

Video: An unboxing and setup guide for the LETPOT LPH-Lite Hydroponics Growing System, demonstrating how to assemble components, plant seeds, and prepare the system for operation.

4. OPERATING INSTRUCTIONS

4.1. Smart Hydroponic System & App Control

The LETPOT App allows for convenient control and monitoring of your system:

- **LED Lighting Schedule:** Customize a 0-24 hour LED lighting schedule with precise on/off times directly from your smartphone.
 - **Watering Reminder:** The intelligent watering reminder ensures your plants receive adequate hydration.
 - **Growing Day Tracking:** The app tracks each plant's growing days, helping you monitor progress.
-

Customizable 0-24 Hour Lighting Time with Smart APP



Image: The LETPOT LPH-Lite system with a smartphone displaying the app interface for setting lighting schedules and monitoring plant growth.

4.2. LED Grow Light & Dual Growth Modes

The 24W full-spectrum LED lighting system simulates natural sunlight to promote strong photosynthesis and consistent growth. It features two professional grow modes:

- **Blue-Light Mode:** Ideal for vigorous leaf growth (vegetables).
- **Red-Light Mode:** Optimized for blooming and fruiting (flowers and fruits).

Adjust the LED rod height as your plants grow, up to 16 inches, to maintain optimal light exposure.

24Watt Output Full Spectrum Light

3X Faster Growth All Year Around



5000K

Cool White Light
Promotes Germination



3000K

Warm White Light
Boost Blooming



660nm

Red Light
For Higher Yields



730nm

Far-Blue light
Accelerates Growth

2-Level Brightness



Patented Spectrum Tech

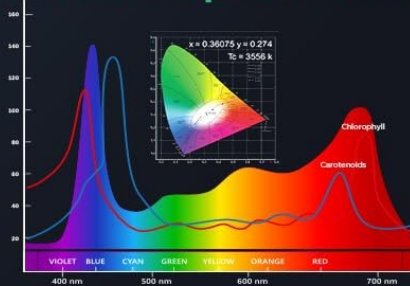


Image: Detailed illustration of the 24W full-spectrum LED light, showing different light temperatures and wavelengths for various growth stages.

4.3. Water Pump System

The system includes a whisper-silent water pump that operates on an automatic timer (e.g., 30 minutes on/30 minutes off) to provide sufficient oxygen and prevent root rot. The 5.5L water tank ensures plants are adequately watered for extended periods.

Whisper Silent Water Pump

Provide Sufficient Oxygen and Prevents Root Rot



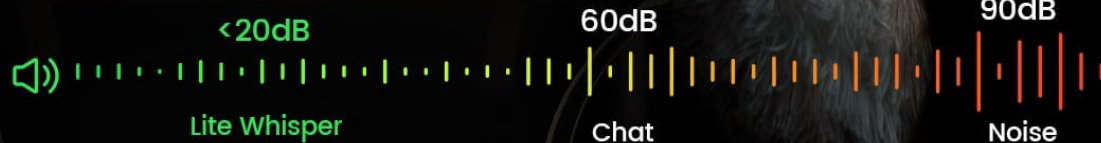
30 Mins
On/off



Silent Pump
Mode



Low Water
Alerts



* Take the reins of your indoor garden with LetPot

Image: The LETPOT LPH-Lite system highlighting the quiet operation of its water pump and the benefits of proper water circulation.

5. MAINTENANCE

- **Water Level:** Regularly check the water level through the transparent window. Refill when the water level is low, especially when the app reminds you.
- **Nutrient Replenishment:** Replenish A&B nutrients as needed, typically every 1-2 weeks, following the recommended dosage for your plant's growth stage.
- **Cleaning:** The durable ABS body and double-layer design with a premium resin inner wall are easy to clean and maintain. Periodically clean the water tank to prevent algae buildup and ensure optimal

plant health.

6. TROUBLESHOOTING

If you encounter any issues with your LETPOT LPH-Lite system, please refer to the detailed troubleshooting section in the full product manual available for download on the LETPOT website. Common issues may include:

- Plants not growing as expected (check light cycle, nutrient levels, water pH).
 - Water pump not functioning (check power connection, water level).
 - App connectivity issues (ensure stable WiFi connection, restart app/device).
-

7. SPECIFICATIONS

- **Product Dimensions:** 17 x 8 x 4 inches
 - **Item Weight:** 3 pounds
 - **Manufacturer:** LetPot
 - **Item Model Number:** LPH-Lite
 - **Water Tank Capacity:** 5.5 Liters
 - **LED Power:** 24W Full-Spectrum
 - **Planting Capacity:** 12 Pods
-

8. WARRANTY & SUPPORT

Every LetPot system includes lifetime customer support and free Wi-Fi upgrades, ensuring your device always stays up to date with the latest features and performance improvements. For further assistance, please contact LetPot customer service.
