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› LetPot LPH-SE Hydroponics Growing System User Manual

LETPOT LPH-SE

LetPot LPH-SE Hydroponics Growing System User Manual

Model: LPH-SE | Brand: LETPOT

1. PRODUCT OVERVIEW

The LetPot LPH-SE Hydroponics Growing System is an advanced indoor gardening solution designed for efficient and convenient plant cultivation. This smart system integrates app and Wi-Fi control, a powerful LED grow light, and an efficient water circulation system to support healthy plant growth year-round.



Image 1.1: The LetPot LPH-SE Hydroponics Growing System, showcasing its sleek design, thriving plants, and the accompanying mobile application interface.

Key Features:

- **Patented Smart Hydroponic System:** Control LED lighting schedules (0-24 hours) and receive watering reminders via the exclusive LetPot app, ensuring optimal plant care.
- **3X Faster LED Growing System:** Equipped with a true 24-watt full spectrum LED lighting system that mimics natural sunlight, promoting up to 40% faster growth compared to traditional methods. The app tracks growing days.
- **Professional 2 Growing Modes:** Offers distinct LED lighting modes for vegetative growth (blue light) and blooming (red light), allowing customization for different plant needs. Settings are easily adjusted through the LetPot app.
- **Perfect Indoor Garden Kit:** Includes 12 planting cups, sponges, baskets, covers, and A&B nutrients. The LED lighting rod is adjustable up to 30 inches, accommodating various plant heights. The 5.5-liter water tank supports up to 3 weeks of growth without refilling.
- **Quality and Service First:** Constructed with a durable stainless steel surface and a double-layer design for easy cleaning and maintenance. All LetPot products come with lifetime service and continuous remote hardware and app upgrades via Wi-Fi.

Why Choose Hydroponic Growing System?



Hydroponic System

Tradition

Automated



Faster Grow



All-Season



Much Cleaner



Fit Anywhere



Image 1.2: Visual comparison highlighting the advantages of the hydroponic system over traditional gardening, including automation, faster growth, all-season use, cleanliness, and adaptability.

2. SETUP GUIDE

Before starting, ensure all components are present and undamaged. Refer to the detailed user manual PDF for comprehensive setup instructions.

2.1 Unpacking and Component Check

Carefully unpack all items from the box. The LetPot LPH-SE system includes:

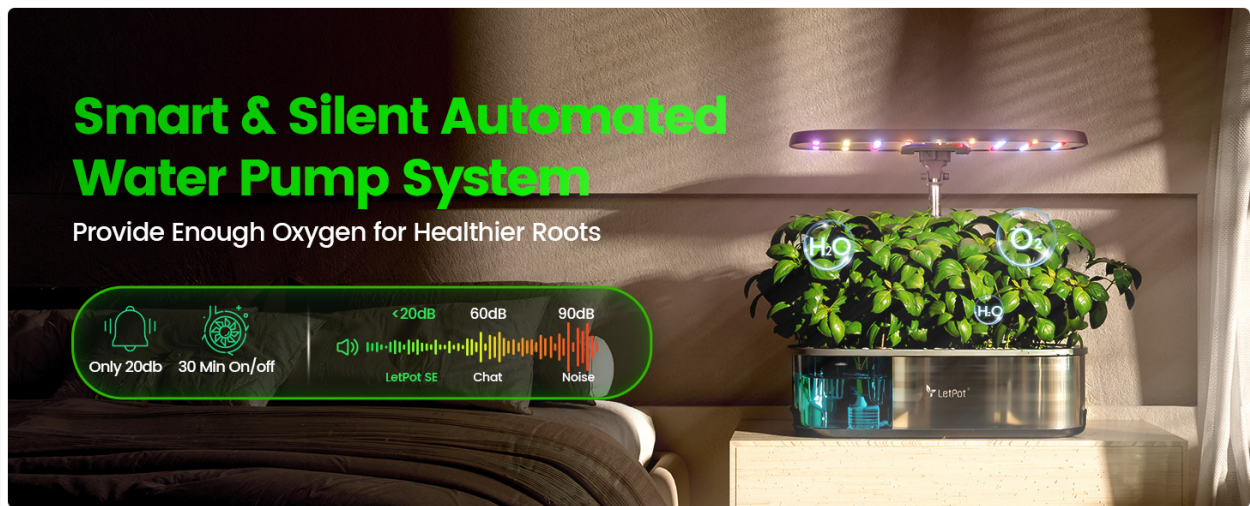


Image 2.1: An illustration of all accessories included in the LetPot Hydroponics Growing System package, such as sponges, basket kits, germination covers, nutrients, power adapter, and manual.

- Hydroponics Growing System unit
- 12 Planting Cups (with sponges, baskets, and covers)
- A & B Nutrients (solid form, requires mixing)
- Plug Adapter
- Shade Covers (x6)
- Support Rods (x12)
- Tags (x6)
- Light-blocking Stickers (x12)
- User Manual

2.2 Initial Assembly

1. Place the main unit on a stable, flat surface away from direct sunlight and heat sources.
2. Insert the LED lighting rod into the designated slot on the main unit. Ensure it is securely in place. The LED light is adjustable up to 30 inches in height.
3. Prepare the nutrient solution: Mix the provided A and B solid nutrients with water according to the instructions in the detailed manual.
4. Fill the 5.5-liter water tank with the prepared nutrient solution. Ensure the water level is below the maximum fill line.
5. Place the planting sponges into the baskets, insert seeds (not included), and then place the baskets into the 12 pods on the system. Cover with germination covers if desired.
6. Connect the power adapter to the unit and plug it into a power outlet.

For a more detailed visual guide, please refer to the official user manual available at [LetPot LPH-SE User Manual PDF](#)

3. OPERATING INSTRUCTIONS

The LetPot LPH-SE system is designed for ease of use, primarily controlled via the LetPot mobile application.

3.1 App Installation and Connection

1. Download the "LetPot" app from your device's app store (available on both Android and iOS).
2. Open the app and follow the on-screen instructions to create an account and connect your LPH-SE system via Wi-Fi.
3. Once connected, you will have full control over your indoor garden.



Image 3.1: The LetPot mobile application interface, demonstrating smart app and touch-pad control options for managing the hydroponics system.

3.2 LED Lighting Control

The 24-watt full spectrum LED light is crucial for plant growth. You can customize its operation:

- **Schedule Adjustment:** Use the app to set precise on/off times and duration for the LED light (0-24 hours).
- **Growing Modes:** Select between two professional growing modes:
 - *Vegetative Mode:* Optimized for leafy greens and herbs, promoting robust foliage growth.
 - *Fruit/Flower Mode:* Tailored for fruiting plants and flowering plants, encouraging blooming and yield.
- **Brightness Levels:** Adjust the LED brightness to suit different growth stages or plant types.

Genuine 24-Watt Full Spectrum Light

with 2-Level Brightness



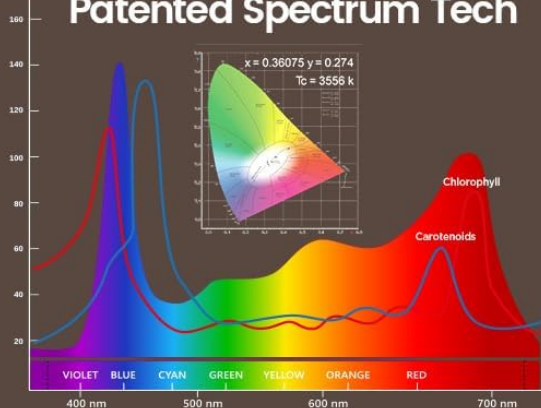
5000K
Cool White Light Promotes Germination

3000K
Warm White Light Boost Blooming

660nm
Red Light For Higher Yields

730nm
Far-Blue Light Accelerates Growth

Patented Spectrum Tech



2-Level Brightness



Image 3.2: Detailed view of the 24-watt full spectrum LED light, illustrating its various light spectrums (5000K, 3000K, 660nm, 730nm) and two-level brightness adjustment.

3.3 Water Pump System


The silent water pump ensures continuous oxygenation and circulation of the nutrient solution.

- The pump operates automatically to maintain optimal conditions.
- The 5.5-liter water tank can sustain plants for up to 3 weeks, depending on plant size and environmental conditions.


- The app provides water shortage alerts to remind you when to refill.

Silent but Powerful Water Pump



Provide 12 Pods Garden Sufficient Oxygen



12 Pods



Only 20dB

LetPot SE Chat Noise

Image 3.3: A visual representation of the LetPot system's silent water pump, highlighting its low noise level (20dB) and efficiency in providing oxygen to plant roots.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your LetPot system.

4.1 Water and Nutrient Management

- **Refilling Water:** Monitor the water level indicator. When low, refill the 5.5L tank with fresh water and nutrient solution. The app will provide alerts.
- **Nutrient Replenishment:** Add nutrients as directed by the app or the detailed manual, typically every 1-3 weeks depending on plant growth.
- **Water Change:** It is recommended to perform a full water change and clean the reservoir every 2-4 weeks to prevent algae buildup and ensure fresh nutrient supply.

4.2 Cleaning

- The stainless steel surface and double-layer design make the unit easy to clean. Wipe down the exterior with a damp cloth.
- When performing a water change, clean the interior of the water tank and pump components to remove any residue or algae.
- The electric components are designed to sit above the water line, reducing the risk of damage during cleaning or accidental spills.

4.3 Plant Care

- **Pruning:** Regularly prune your plants to encourage bushier growth and prevent overcrowding.
- **Harvesting:** The grow light flips up, making harvesting easier and more accessible.
- **Algae Covers:** Utilize the included shade covers or light-blocking stickers to minimize light exposure to the water reservoir, which helps prevent algae growth.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your LetPot LPH-SE system.

Problem	Possible Cause	Solution
Plants not growing or slow growth	Insufficient light, incorrect nutrient levels, old seeds, improper temperature.	Adjust LED light schedule/brightness via app. Check and adjust nutrient solution concentration. Ensure room temperature is suitable for plant type. Replace old seeds.
Algae growth in water tank	Excessive light exposure to water, high water temperature.	Use shade covers or light-blocking stickers on unused pods. Perform a full water change and clean the reservoir. Ensure the system is not in direct sunlight.
Water pump not working	Clogged pump, power issue, airlock.	Unplug and replug the unit. Clean the pump and ensure no debris is blocking it. Check power connection.
App connectivity issues	Weak Wi-Fi signal, app glitch, incorrect pairing.	Ensure strong Wi-Fi signal. Restart the app and the hydroponics unit. Re-pair the device if necessary following app instructions.
Water shortage alert persists after refilling	Sensor malfunction, water level not reaching sensor.	Ensure water level is above the minimum line. If the issue persists, contact customer support.

For more complex issues or if troubleshooting steps do not resolve the problem, please contact LetPot

customer support.

6. SPECIFICATIONS

Feature	Detail
Model Number	LPH-SE
Product Dimensions	16 x 7 x 9.8 inches (L x W x H)
Item Weight	5.41 pounds
Water Tank Capacity	5.5 Liters
LED Grow Light Power	24 Watts (Full Spectrum)
Number of Pods	12
LED Light Height Adjustment	Up to 30 inches
Control Method	APP & Wi-Fi Controlled

7. WARRANTY AND SUPPORT

LetPot is committed to providing high-quality products and excellent customer service.

- All LetPot products come with a lifetime of service.
- Enjoy continuous remote hardware and app upgrades via Wi-Fi, ensuring your system always has the latest features and improvements.
- For any inquiries, technical assistance, or warranty claims, please visit the official LetPot website or contact their customer support directly.

For more information, visit the [LETPOT Store on Amazon](#).