iDOO UK-ID-IG303-BK

iDOO Hydroponics Growing System User Manual

MODEL: UK-ID-IG303-BK

1. Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your iDOO Hydroponics Growing System. Please read this manual thoroughly before using the product to ensure proper function and longevity. This system is designed for indoor cultivation of herbs, vegetables, and small fruits, offering an efficient method for plant growth without soil.

Image 1.1: The iDOO Hydroponics Growing System with mature plants.

2. Safety Information

- Ensure the power adapter is connected to a suitable electrical outlet (100-120V, 60Hz).
- Do not immerse the main unit or power adapter in water or other liquids.
- Keep the system away from heat sources and direct sunlight to prevent overheating.
- This product is intended for indoor use only.
- Do not attempt to disassemble or repair the unit yourself. Contact customer support for assistance.
- Keep out of reach of children and pets.

3. Package Contents

Verify that all components are present in the package:

- Hydroponics Growing System Base with Water Tank

- LED Grow Light Panel with Adjustable Pole

- Seed Pods/Sponges (Quantity may vary)

- Grow Domes

- Plant Food (Nutrient A & B)

- Power Adapter

- User Manual

- Plant Labels

4. Product Overview and Components

The iDOO Hydroponics Growing System consists of a water reservoir, a pump for water circulation, a planting deck with holes for seed pods, and an adjustable LED grow light. The system is designed for ease of use and efficient plant growth.

Image 4.1: Product dimensions and key components. The system measures approximately 15.75 inches wide, 8.27 inches deep, and up to 15 inches high with the light extended.

5. Setup Instructions

Follow these steps for initial setup:

1. **Unpack Components:** Carefully remove all items from the packaging.

2. **Assemble the System:** Insert the adjustable light pole into the base unit. Ensure it is securely seated.

Image 5.1: Lowering the LED grow light into the base.

3. **Add Water:** Fill the water tank with clean water up to the 'Max' line indicated on the water level window. The tank capacity is 4.5 liters.

Image 5.2: Adding water to the system.

4. **Add Plant Food:** Refer to the plant food instructions for the correct ratio of Nutrient A and Nutrient B to add to the water. Mix thoroughly.

Image 5.3: Adding liquid plant food.

5. **Insert Seed Pods:** Place your desired seeds into the provided seed pods/sponges. Insert the prepared pods into the planting holes on the deck. Cover with grow domes for initial germination.

Image 5.4: Placing a seed pod.

Image 5.5: Seedling covered with a grow dome.

6. **Connect Power:** Plug the power adapter into the system and then into a wall outlet.

7. **Power On:** Press the power button to turn on the system. The grow lights will activate according to the automatic timer.

Image 5.6: Pressing the power button.

6. Operating Instructions

The iDOO Hydroponics Growing System features an automatic timer for the LED grow lights and a water pump system to ensure optimal plant growth.

6.1. Grow Light Modes

The system offers two distinct light modes tailored for different plant types:

- **Vegetables Mode:** Utilizes red, blue, far-red, and white lights. This mode promotes germination, leaf growth, and overall vegetative development. Ideal for leafy greens like lettuce, basil, and mint.
- **Flowers & Fruits Mode:** Incorporates red, far-red, and white lights. This mode is designed to boost blooming and fruit production. Suitable for flowering plants and fruiting vegetables such as strawberries or small tomatoes.

High-Performance Grow Lights

Red Light   Blue Light

Far-red Light   White Light

Vegetables Mode

Red Light   Far-red Light   White Light
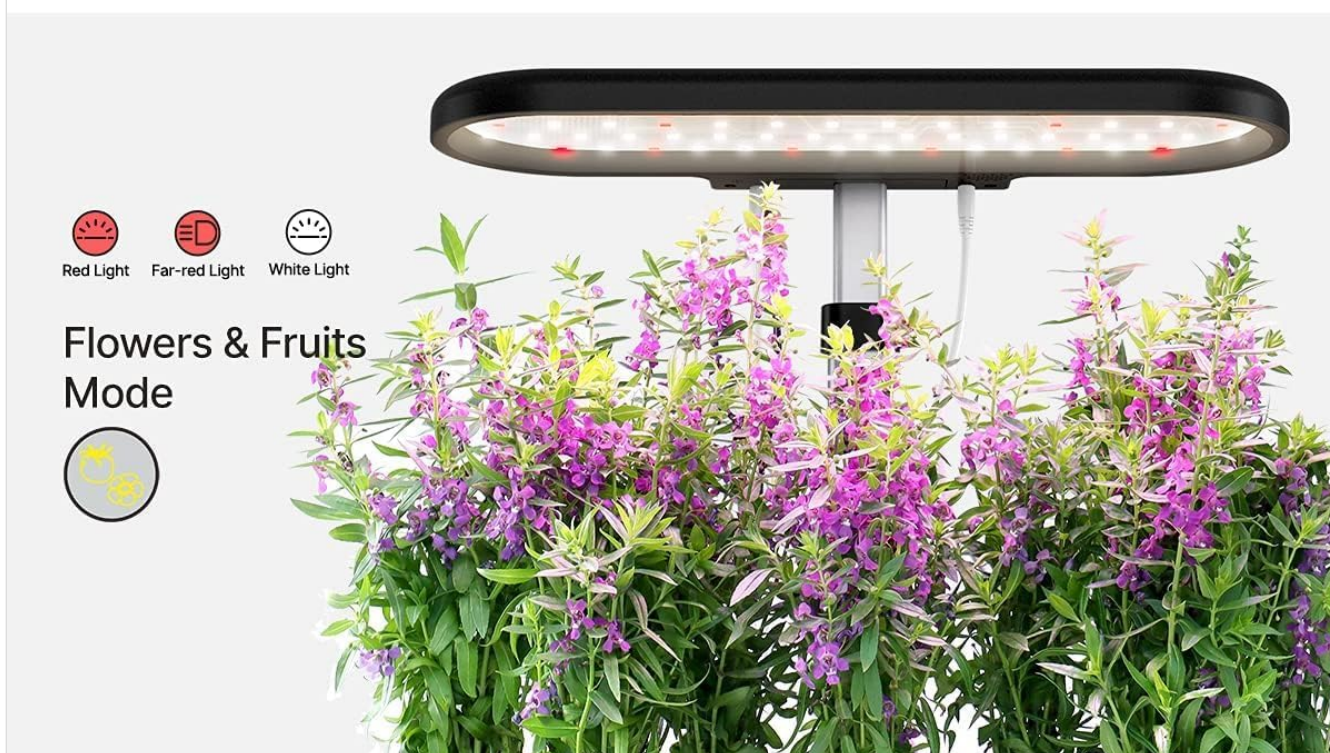
Flowers & Fruits Mode

Image 6.1: Visual representation of the two grow light modes and their respective light spectrums.

Image 6.2: Veggies Mode, suitable for leafy plants.

Image 6.3: Flower & Fruit Mode, suitable for flowering and fruiting plants.

6.2. Automatic Timer

The LED grow lights operate on an automatic 18-hour on, 6-hour off cycle. The cycle begins when the system is first powered on. No manual adjustment is required for the timer.

6.3. Water Pump System

The integrated water pump circulates water and nutrients to the plant roots. This system operates quietly and ensures consistent hydration. The 4.5L water tank supports plant growth for approximately 3-4 weeks before refilling is typically needed.

Image 6.4: Automatic water pump system and visible water level window.

6.4. Plant Labels

Use the provided plant labels to identify your growing plants. This helps in tracking different varieties and their growth stages.

Image 6.5: Using plant labels.

7. Maintenance

7.1. Water Refill and Change

Monitor the water level through the visible window. When the water level is low, refill the tank with fresh water and plant food solution. It is recommended to completely change the water and clean the reservoir every 2-4 weeks, depending on plant growth and water clarity.
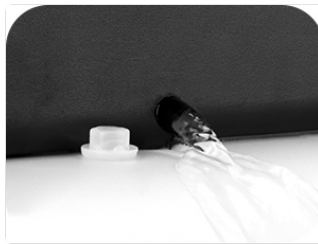

Image 7.1: Draining water from the system.

7.2. Cleaning the System

Periodically clean the water tank and pump to prevent algae growth and ensure optimal performance. Use a soft brush or cloth and mild soap, then rinse thoroughly. Ensure all soap residue is removed before refilling with water and nutrients.

7.3. Light Height Adjustment

Adjust the height of the LED grow light as your plants grow. The light should be positioned a few inches above the tallest plants to provide adequate light intensity without causing heat stress. The light pole is adjustable up to 15 inches.

7.4. Transplanting

When plants outgrow the system or require more space, they can be transplanted. The seed pods facilitate easy transplanting to soil or larger hydroponic systems, promoting higher survival rates.

Germinate Faster & Easy to Transplant

Transplant with sponge, plants are easier to survive

Image 7.2: Germination and transplanting process.

8. Troubleshooting

Problem	Possible Cause	Solution
Plants not growing or slow growth	Insufficient nutrients, incorrect light mode, old seeds, improper water level.	Check nutrient levels and add if necessary. Ensure correct light mode is selected. Use fresh seeds. Maintain optimal water level.

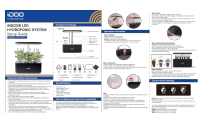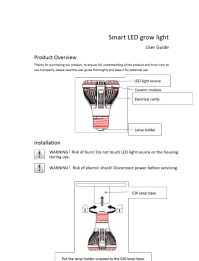| Problem	Possible Cause	Solution
Algae growth in water tank	Excess light exposure to water, high water temperature.	Clean the tank thoroughly. Ensure seed pod covers are in place to block light. Consider placing the system in a cooler area.
Pump not working	Clogged pump, power issue, pump malfunction.	Unplug and clean the pump. Check power connection. If issues persist, contact customer support.
Lights not turning on	Power adapter disconnected, light cycle in off period, LED malfunction.	Check power connections. Verify if the system is in its 6-hour off cycle. If still not working, contact customer support.

9. Specifications

Feature	Detail
Model Number	UK-ID-IG303-BK
Brand	iDOO
Color	Brown
Product Dimensions	8.27"D x 15.75"W x 4.72"H
Item Weight	4.33 pounds (1.97 Kilograms)
Capacity	4.5 Liters
Number of Pods	5
Light Type	Full Spectrum LED Grow Lights (24-Watt)
Light Cycle	18 hours ON / 6 hours OFF (Automatic)
Voltage/Frequency	100-120 Volts, 60 Hertz
Indoor/Outdoor Usage	Indoor

10. Warranty and Support

iDOO products are manufactured to high-quality standards. For warranty information, product support, or to report any issues, please refer to the contact information provided with your purchase or visit the official iDOO website. Please have your model number (UK-ID-IG303-BK) available when contacting support.

Related Documents - UK-ID-IG303-BK

[iDOO Indoor Gardening Kit User Manual](#)

Comprehensive user manual for the iDOO Indoor Gardening Kit (Model: I-D-01), covering setup, operation, maintenance, and tips for successful indoor hydroponic gardening.

[iDOO Smart Indoor LED Hydroponic System User Manual](#)

User manual for the iDOO Smart Indoor LED Hydroponic System, Model ID-IG301S. Includes safety instructions, product overview, specifications, package contents, installation, operation, app instructions, product maintenance, and FAQs.

[iDoo Indoor LED Hydroponic System Setup Guide (Model: ID-IG201)](#)

A comprehensive setup guide for the iDoo Indoor LED Hydroponic System, Model ID-IG201. Learn about included components, operation procedures, safety instructions, specifications, control panel settings, gardening tips, troubleshooting, and warranty information.

[Smart LED Grow Light User Guide - Installation, App Setup & Technical Specs](#)

Comprehensive user guide for the Smart LED grow light (Model: C3ZW005-B0010A27) by Pujiang Yuansheng Electronic Commerce Co., Ltd. Learn about product overview, installation, app control with Stellar BLE, technical parameters, and important safety cautions.

[MST RMX 2.5 RTR 1/10 Scale RC Drift Car Exploded Manual and Upgrade Guide](#)

Comprehensive exploded view manual and upgrade guide for the MST RMX 2.5 RTR 1/10 scale RC Drift Car. Includes part numbers, specifications, and assembly instructions.

[Outsunny 84H-121V00 3-Tier Wooden Plant Stand Assembly Instructions](#)

Official assembly guide for the Outsunny 84H-121V00 3-Tier Wooden Plant Stand. Includes parts list, step-by-step instructions, and contact information for support.