

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [URUQ](#) /
- › [URUQ Hydroponics Growing System HP-GC201 User Manual](#)

URUQ HP-GC201

URUQ Hydroponics Growing System User Manual

Model: HP-GC201

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your URUQ Hydroponics Growing System (Model HP-GC201). Please read this manual thoroughly before using the system to ensure optimal performance and longevity.



Image: The URUQ Hydroponics Growing System, Model HP-GC201, shown with a vibrant growth of basil plants. The system features a black base, a clear water level indicator, and an overhead LED grow light.

PACKAGE CONTENTS

Before beginning assembly, verify that all components are present and undamaged. The standard package includes:

- Hydroponics Growing System Base Unit (1)
- LED Grow Light Panel (1)
- Adjustable Light Pole (1)
- Grow Baskets (12)
- Grow Sponges (12)
- Grow Domes (12)
- Plant Tags (12)
- Liquid Plant Food (Nutrient A & B) (2 bottles)
- Power Adapter (1)
- Tweezers (1)

- Rod for height adjustment (1)

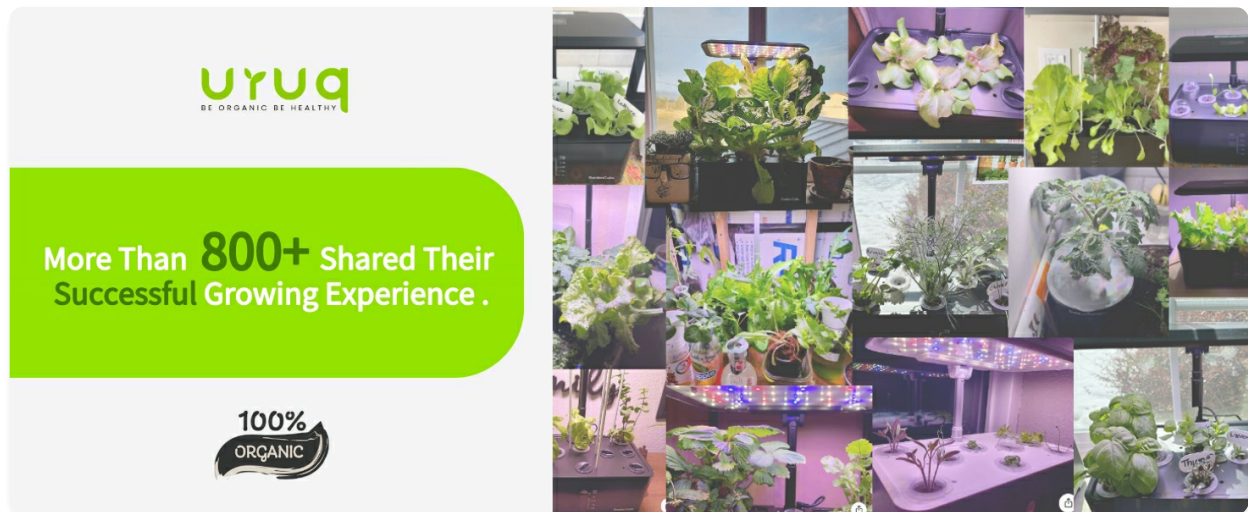


Image: An illustration detailing the various components included with the URUQ Hydroponics Growing System, such as baskets, sponges, tags, grow domes, nutrient bottles, and the power adapter.

SETUP INSTRUCTIONS

1. Assemble the System:

- Insert the adjustable light pole into the designated slot on the base unit.
- Attach the LED grow light panel to the top of the adjustable light pole. Ensure it clicks securely into place.
- Connect the power adapter to the system and then plug it into a standard electrical outlet (100-120V, 60Hz).

2. Prepare Grow Pods:

- Place one grow sponge into each grow basket.
- Insert 1-3 seeds into the hole of each grow sponge. For optimal germination, it is recommended to soak seeds in pure water for 5-12 hours prior to planting.
- Place a grow dome over each basket. This creates a humid environment for germination. Remove domes once seedlings emerge and touch the dome.
- Insert the prepared grow baskets into the openings on the top of the base unit.

3. Fill with Water and Nutrients:

- Open the water inlet and fill the reservoir with clean water up to the 'Max' line indicated on the water level window. The system has a 6.5L capacity.
- Add 35ml of Nutrient A and 35ml of Nutrient B to the water reservoir. Stir gently to mix.
- *Note:* When refilling water next time, also add the same proportion of nutrients.

4. Initial Power On:

- Press the power button to turn on the system. The LED grow lights will illuminate.
- Select the appropriate growing mode based on your plant type (Vegetables, Flowers/Fruits, or Herbs). Refer to the "Operating Instructions" section for details on modes.



Image: A visual guide illustrating the four simple steps to start planting with the URUQ system: soaking seeds, placing seeds in sponges with domes, adding water and fertilizer, and selecting the growing mode.

OPERATING INSTRUCTIONS

LED Grow Light Operation

The system features a high-efficiency 24 Watt full-spectrum LED grow light designed to simulate natural sunlight, promoting rapid plant growth.

- **Automatic Cycle:** The grow light operates on an automatic cycle of 14-16 hours on and 10-8 hours off, mimicking natural day and night cycles. This eliminates the need for daily manual intervention.
- **Adjustable Height:** The light pole is adjustable up to 21 inches (53 cm) in height. As plants grow, raise the light panel to maintain an optimal distance from the plant canopy.
- **Adjustable Angle:** The lamp board can be rotated up to 180 degrees, allowing for broader light coverage to the edges of your plants.

2X Light Range 5X Faster Growth

Meeting different stages of growth



MAX
21inch
ADJUSTABLE
HEIGHT



MAX
180°
ADJUSTABLE
ANGLE



FULL
SPECTRUM
GROW LIGHT

Image: The URUQ Hydroponics System highlighting its adjustable features, including a maximum height of 21 inches and a 180-degree adjustable light angle, along with the full-spectrum grow light.

Water Pump and Recirculation System

The system includes an ultra-quiet automatic water pump (less than 20 dB) that enhances root growth by increasing oxygenation.

- **Automatic Operation:** The pump automatically cycles on for 30 minutes and then off for 30 minutes to ensure consistent water circulation and oxygen delivery to the roots.
- **Water Level Monitoring:** A viewing window on the front of the base unit allows you to monitor the water level. A blue water shortage indicator light will illuminate when the water level is low, prompting you to refill.

Whisper Quiet

Patent water recirculation system brings ultra-quiet performance

≤20dB

30dB

40dB



HP-GC201

Whisper

Library



30 Mins
On/Off



Low Water
Auto Off



Low Water
Indicator Light

Quietly enjoy the growth of plants every day.

Image: The URUQ Hydroponics System demonstrating its quiet operation (below 20dB) and smart features like the 30-minute on/off pump cycle, low water auto-off, and low water indicator light.

Growth Modes

The system offers three specialized growth modes to cater to different plant types:

- **Vegetables Mode:** Enhances blue light to promote leafy growth, ideal for lettuce, spinach, and other leafy greens.
- **Herbs Mode:** Enhances UV light to boost oil production, resulting in more aromatic and flavorful herbs like basil, mint, and cilantro.
- **Flowers/Fruits Mode:** Enhances red light to encourage flowering and increase fruit yield for plants such as tomatoes, peppers, and various flowering plants.

Upgrade 3 Growth Models

Easy to Control, Smart Growing

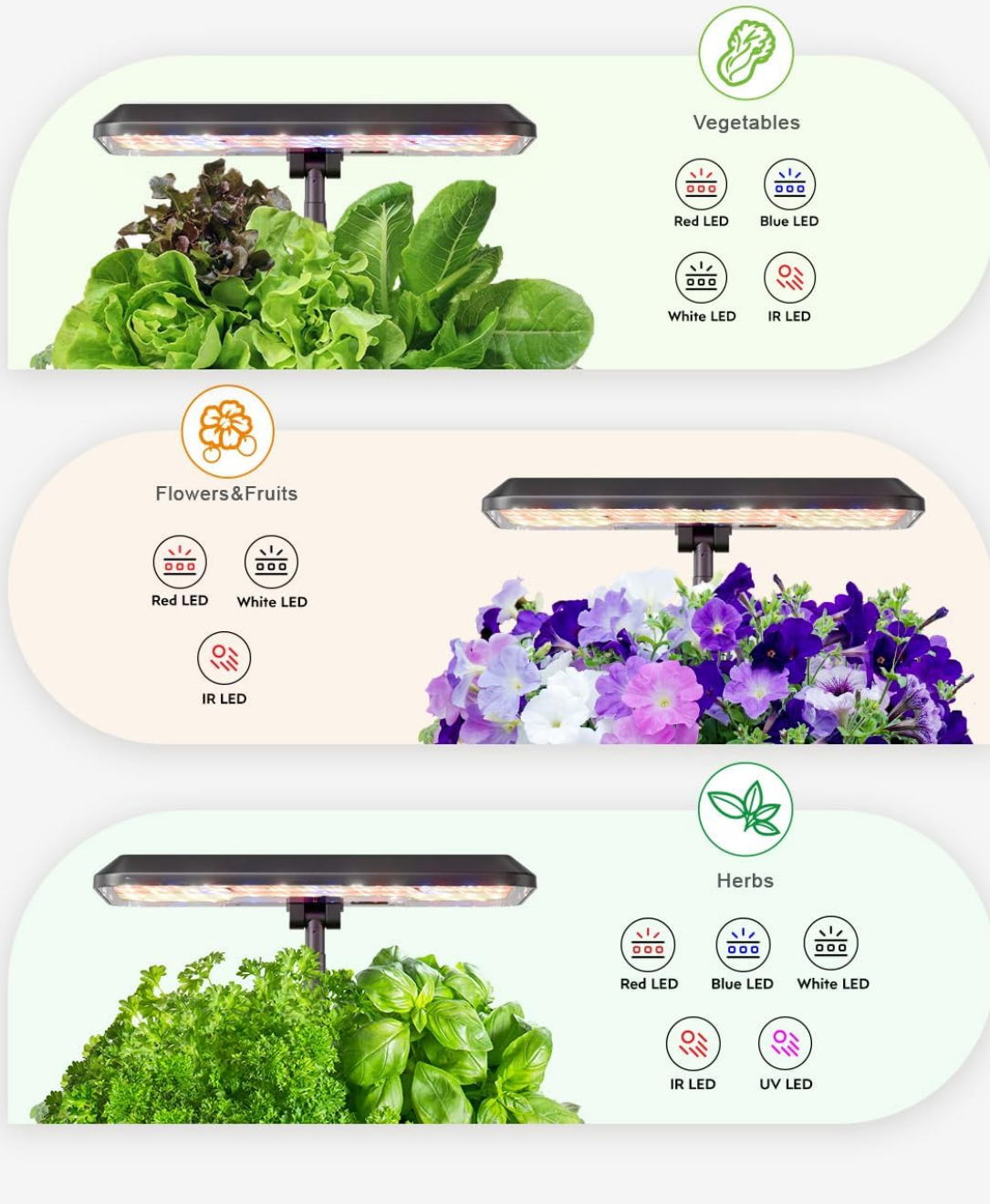


Image: An infographic detailing the three distinct growth modes (Vegetables, Flowers & Fruits, Herbs) available on the URUQ Hydroponics System, showing which LED colors (Red, Blue, White, IR, UV) are emphasized for each mode.

MAINTENANCE

Water and Nutrient Management

- **Regular Refilling:** Check the water level daily using the viewing window. Refill with fresh water and appropriate nutrients when the low water indicator light illuminates or the level drops significantly. The 6.5L capacity typically provides enough water for up to 15 days, but this can vary based on plant size and growth stage.
- **Nutrient Replenishment:** As plants grow, they consume nutrients. It is recommended to replenish

nutrients every 1-2 weeks, or as needed, following the initial dosage ratio.

- **pH Monitoring:** For optimal plant health, monitor the pH level of the water. Most plants thrive in a pH range of 5.5-6.5. Adjust pH using hydroponic pH up/down solutions if necessary.

Cleaning the System

Regular cleaning prevents algae growth and ensures a healthy environment for your plants.

- **Monthly Cleaning:** Every 2-4 weeks, or when changing plant cycles, perform a thorough cleaning.
- **Drain Water:** Unplug the system and drain all water from the reservoir.
- **Clean Reservoir:** Use mild soap and warm water to clean the water reservoir and pump. Rinse thoroughly to remove all soap residue.
- **Clean Light Pole:** The light pole is detachable for easier cleaning. Wipe it down with a damp cloth.
- **Algae Prevention:** Ensure grow domes are used during germination and remove them once seedlings are established. Keep the water reservoir covered as much as possible to minimize light exposure to the water, which can encourage algae growth.

Plant Care Tips

- **Root Trimming:** As roots grow, they may become long and tangled. Periodically trim excess roots to prevent clogging the pump and ensure proper nutrient absorption. Be gentle to avoid damaging the plant.
- **Pruning:** For taller plants like tomatoes or peppers, regular pruning is necessary to manage growth, encourage branching, and promote fruit production.
- **Pollination:** For fruiting plants, manual pollination may be required. Use a small brush or gently shake the plant to transfer pollen between flowers.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump not working / No water circulation	Power not connected. Pump clogged by roots or debris. Pump malfunction.	Ensure power adapter is securely plugged in. Unplug system, remove pump, clean thoroughly, and trim any roots obstructing it. If pump is confirmed faulty after cleaning, contact customer support.
Lights not turning on	Power not connected. Light panel not securely attached. Light cycle is in "off" period.	Check power connection. Ensure light panel is firmly seated on the pole. Wait for the automatic "on" cycle to begin.

Problem	Possible Cause	Solution
Slow plant growth / Wilting plants	<p>Insufficient nutrients.</p> <p>Incorrect pH level.</p> <p>Inadequate light distance.</p> <p>Water level too low.</p>	<p>Add recommended amount of liquid plant food.</p> <p>Test and adjust water pH to 5.5-6.5.</p> <p>Adjust light height to be closer to plants (but not touching).</p> <p>Refill water to the 'Max' line.</p>
Algae growth in reservoir/on sponges	<p>Excessive light exposure to water.</p> <p>Infrequent cleaning.</p>	<p>Ensure grow domes are used for seedlings and remove once plants are large enough to cover the openings.</p> <p>Perform regular cleaning of the reservoir and pump.</p> <p>Consider using opaque covers for unused pod openings.</p>

SPECIFICATIONS

Feature	Detail
Model Number	HP-GC201
Color	Black
Dimensions (L x W x H)	10 x 10 x 7 inches (25.4 x 25.4 x 17.8 cm)
Item Weight	5.41 pounds (2.45 kg)
Water Reservoir Capacity	6.5 Liters
Number of Pods	12
LED Grow Light Power	24 Watts
Light Spectrum	Full Spectrum (Red, Blue, White, IR, UV LEDs)
Light Cycle	Automatic 14-16 hours ON / 10-8 hours OFF
Adjustable Light Height	Max 21 inches (53 cm)
Pump Noise Level	Less than 20 dB (Ultra-Quiet)
Input Voltage/Frequency	100-120 Volts / 60 Hertz

WARRANTY AND SUPPORT

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

- **Warranty:** This product is covered by a 2-year service support warranty from the date of purchase.

- **Customer Support:** For any questions, issues, or warranty claims, please contact our customer support team. We aim to provide a quick reply within 24 hours.

Contact Information:

Email: support@iuruq.net

Alternate Email: support@iuruq.com



Image: URUQ's commitment to customer satisfaction, highlighting 24-hour quick reply support and a 2-year service support warranty, along with contact email addresses.

© 2024 URUQ. All rights reserved.