



# Indoor Gardening Kit

## User Manual

**Model: I-D-01**

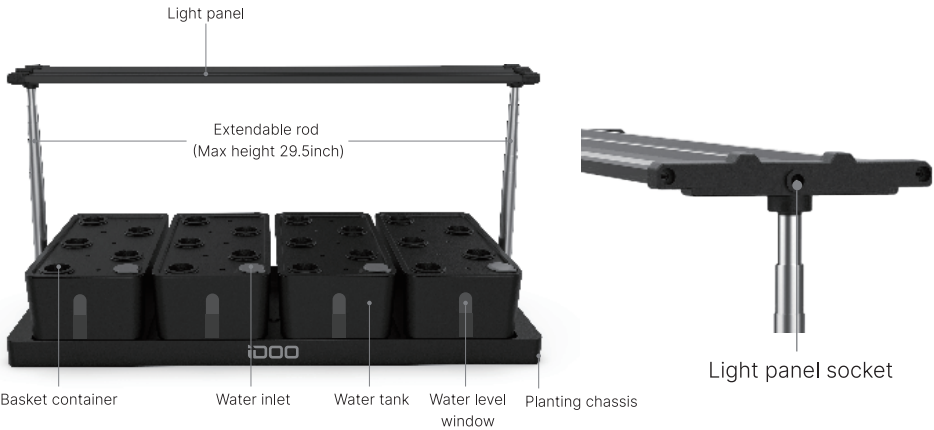




# Important Safety Instructions

1. Please use the power adapter with output voltage of 12V and current of 4A to charge.
2. To reduce the risk of electrical shock, do not alter or change the plug adapter in any way.
3. Always unplug the Gardening Kit from the outlet before performing any routine maintenance.
4. Never use the Gardening Kit if it has a damaged cord or plug adapter, do not use the Gardening Kit if it is malfunctioning or has sustained any type of water damage. For questions regarding a damaged product, contact us via email: [support@idooworld.com](mailto:support@idooworld.com)
5. Keep the cord away from any heated surfaces to prevent damage.
6. Do not use this product outdoors, it is intended for indoor household use only.
7. Do not allow water to touch the hot LED lights.
8. Do not submerge the electrical outlet, cord, plug adapter, or lampshade in water during cleaning.
9. To prevent any water damage to the machine, always ensure the electrical parts are never submerged in water. If water is spilled over any electrical components, quickly and thoroughly dry all cables and electrical parts immediately.
10. Do not assemble the equipment when it is switched ON.
11. It is strictly forbidden to dismantle or refit the equipment on your own.
12. This device is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure they do not play with the appliance. This appliance is not a toy.
13. Please keep the water tank clean to avoid bacteria breeding.
14. The max height of the lamp tube is 29.5 inches, please choose seeds that will grow suitably within these dimensions.
15. Water needs to touch the seedling sponge in the early stage.
16. The heat dissipation temperature of the aluminum shell of the lamp board is less than 122°F, touch carefully to avoid any burns or accidental injuries.
17. Keep the light board about 4 inches away from the plant to avoid scalding the branches and leaves of the plant.
18. There are screws on the top and bottom of the support rod, do not attempt to pull out the Extendable Rod with force.
19. After plugging in, do not shake it, which will damage the terminal and cause poor contact.
20. If there are dead or unhealthy plants, they should be removed in time to avoid root erosion and/or bacteria breeding, which may affect the growth of other plants. If rotten roots have occurred, it is recommended to clean the water tank to avoid affecting the next planting.

# Product Introduction

## 1. Overview




Press “” to turn ON/OFF the light.  
Press the “” set the timing and users can customize the timing from 1 to 24 hours. The number on the screen indicates the total, daily illumination time.  
The default timer is 16 hours (Cycle: 16 hours ON and 8 hours OFF).

**Note:**

- 1. There is no battery inside the timer, so there will be a deviation from the actual time. If the deviation becomes larger over time, reset the timer by pressing the power button or unplugging the adapter.
- 2. Keep the timer dry and away from water.
- 3. The timer is detachable, you can choose to use it or not. If the timer is not applied, the light board is always on.

## 2. Specification

Power Adapter: 100-240V ~ 50/60Hz  
Input: 12V  4A  
Working Temperature: 15°C-30°C/59°F-86°F  
Water tank capacity: 2L x 4  
Material: ABS  
Light Panel: NOT Waterproof  
Product Size: 59.2 × 25.8 × 25.8-75.7cm/23.6 × 10.2 × 10.2-29.8in  
Product Weight: 3kg/6.6lb

### 3. Included in Package



### Operation Instruction

#### Installation

1. Take out the accessories.



2. Rotate and fix the extendable rod in the holes on both sides of the chassis.



3. Place the light board on the extendable rod and rotate the extendable rod to fix it.




4. Place the tank on the planting chassis.



5. Lay the Water Tank cover on the tank.



6. After powering on, Press “” to turn ON/OFF the light.  
(The heat dissipation temperature of the aluminum shell of the Light Panel is less than 122°F, touch carefully.)

## Raise and Lower the Lampshade

To raise the Light Panel, grab the top of Extendable Rods with both of your hands at the same time and lift them up. (Do not lift one side first, as it may damage the screws ).

To lower the Light Panel, press the Light Panel down with both hands.

Tip: When planting a new seed pod, set the Light Panel to the lowest possible position.



Function :

1. Indoor garden with a hydroponics system: No need for watering; No need to soil, No need to plant outdoor;

2. The "sunlight" for potted plants: Take out the water tank and put your own potted on the chassis.

Note: Remove the 4 water tanks, it can be used as a light-filling rack, which can fill light for the flowers at home.



## Standard Operation Procedures

### Step 1: Add water

Spin open the lid of the water tank.

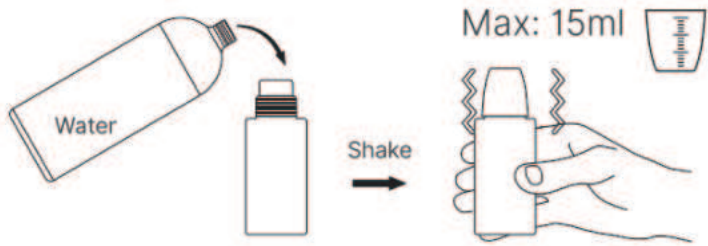
Fill with tap water or distilled water.

Do not use well water or softened water

**Step 2: Add nutrients**

Fill Bottle A with room temperature water and shake well.  
Fill Bottle B with room temperature water and shake well.

Water	Nutrients
1 L	5ml A + 5ml B
2 L	10ml A + 10ml B
3 L	15ml A + 15ml B



**Note:**

It is suggested to change the water once a week to ensure that the potassium content is sufficient.

Adding too many nutrients may be harmful to your plants.

Always top off water levels when adding liquid nutrients.

Do not use well water or softened water, it will interfere and unbalance the nutrients. Using well water or softened water may result in plants suddenly browning or incurring poor growth.

Unopened Nutrient bottles have a shelf life of 2 years when stored at room temperature and unexposed to sunlight.

Mixed Nutrient bottles have a shelf like of 5 months if stored away, unexposed to sunlight.

After the nutrient solution in the bottle is completely used up, place the Solid Nutrient Refill Pack into the corresponding bottles. Add water and mix to complete the nutrient solutions.

**Method of Planting Seedlings**

The Gardening Kit does not include seeds. It is recommended to choose the seed of a well-known brand at local.

Add 3-5 seeds per sponges to improve the germination rate. Some seeds germinate in less than 24 hours, however others may take up to 1-4 weeks. Please be patient. Choose one seedling when the seeds grow into seedlings. More seedling probably results in poor growth due to insufficient nutrients.

### Step 1

Take out the small planting basket and the Sponges. Place the Sponge into the small planting basket. Put 3-5 seeds onto the wet sponge.

Tip 1: The seedling cover is to help the seeds germinate and protect the early seedling from possible insect damage.

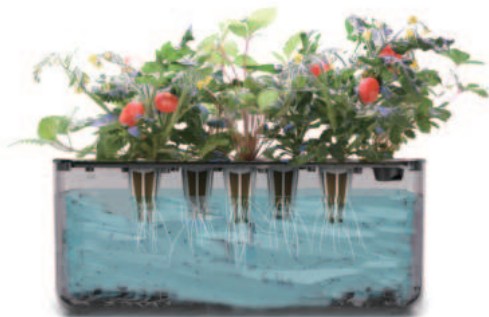
Tip 2: Once the seeds germinate and reach the top of the seedling cover, remove the seedling cover, otherwise it will affect the normal growth of the seeds.

**PS: The basket label is to prevent the sponge from getting moldy/algae.**



### Step 2

Place the small planting basket on the planting cover plate. Add water and nutrient through the water inlet until the water level reaches the bottom of the Planting Basket.



### Step 3

After the seeds germinate, keep one seedling only. (If there are too many roots in one plant, this may lead to hypoxia and rot. )



Tip 1: Observe the water level, keep the water level on 2L. It is necessary to replenish water in a timely manner, please refer to the nutrient solution description above. Otherwise the dry seedling will affect seed germination.

Tip 2: When the plant grows more branches and leaves, maintain water level at 1-2L. (Remember that the water level should not be too high, only add enough water to soak the seedling. Otherwise, the high water level will directly affect the germination of seeds).

Tip 3: The distance between the Light Panel and the plant should be kept at about 3-4 inch to avoid scalding the branches and leaves of the plant.

Tip 4: When you plant large plants, some pots are not in use, but the cover on.



## Germination

1. Check the seed information regarding optimal temperature and days to germinate. Plant 3-5 seeds per sponge. Some seeds germinate in less than 24 hours, some take 1-7 days, others require 1-4 weeks.

Note: Plants have seasonal, periodic, and regional characteristics. Different plant characteristics (temperature, light, and atmospheric humidity) are all related to plant growth. Planting crops suitable for local growth in the current season is the best.

2. If there are plants that have sprouted, turn on the Light Panel. Do not wait for all the plants to sprout, otherwise those sprouted plants will grow excessively. You do not need to turn the light on when you first place them, rather it is best to wait until the seeds have finished germinating.

3. The basket lid help regulate moisture and temperature for optimal seed germination. Leave them on until plants are nearly touching the lid, then take it off, then remove to allow for normal growth.

4. For larger plant, it is recommended to plant them at a separated distance to allow for better overall growth. Cover the empty holes to prevent the Water Tank from being exposed to light, which could potentially allow for mold and bacteria growth and affect plant roots.

**Transplant: Only when you see rhizome (plant stems) around the sponge, may you transplant the seedling.**

**Split the sponge to take one seedling out and move it to another pot.**

**Put the sponge back, only keep one seedling in the sponge in order to allow sufficient nutrition.**



## Pruning

Prune your plants to maintain their height, as opposed to continuing to raise the Light Panel. Pruning ensures your plants stay compact and healthily distanced from the Light Panel, which will provide you with a bigger harvest!

Pruning the plant just above a new leaf set while maintaining the Light Panel height will ensure that slow-growing plants in your garden get all the light they need to flourish.

Prune often to maintain a healthy garden, but never take more than 1/3 of each individual plant at a time.



Plants compete for light. Left untended, faster-growing plants can even begin to block enough light to suppress the growth of their slower-growing neighbors. Spreading leaves must be trimmed to ensure slow growers continue to receive enough light to thrive and produce big yields.

Finally... pruning can also mean harvesting. Each time you prune you get to enjoy fresh herbs in a salad, soup on pizza or a sandwich. A full, healthy garden will look much better than a giant, uncontrolled mess. Pruning keeps control of your Gardening Kit!

## Pollinating

Because most people do not have bees in their home, you will need to start manually pollinating your fruiting plants (tomatoes, peppers, etc.) once they begin to flower (approximately 4–6 weeks after planting). To pollinate, use one or more of the following methods:

1. Place an open hand inside plant branches and gently move your hand back and forth to shake the plant and spread the pollen. Do this carefully to avoid injury.
2. Use one cotton swab or fine brush to gently rub the flowers of different plants and promote the effects of cross-pollination.

# Flowering and Fruiting

- 1. Change the water and add proportionate nutrition once per week, ensuring the plant can absorb enough potassium so that it can flower and fruit.
- 2. In a high temperature environment, the nutrient solution concentration will be high due to rapid water evaporation. Be sure to change the water once about 7-15 days.

## Harvesting

The Gardening Kit works best with a harvesting method called “cut and come again.” Simply put, you enjoy frequent small harvests and then watch as the plants rapidly regrow - ready for harvest again and again.

Enjoy frequent, smaller harvests for the first month or two until plants mature to offer larger harvests.

Harvest often to maintain a healthy garden, but never take more than 1/3 of each individual plant at a time.

For most salad greens and herbs, cut the top 2 inches off the entire garden, or harvest large leaves individually by cutting off at the base of the plant.

Here we list some plants’ optimal temperatures and illumination times. It is for reference only. The suitable growth requirements for plants in different families change in terms of: air humidity, ventilation effect, and nutrient content conditions.

Plant Type	Optimal Temperature	Illumination Time	Distance from Light Board
Coriander	62.6-68°F	14-16h	4-6inch
Basil	59-82.4°F	16-18h	4-6inch
Peppermint	77-86°F	18-24h	2-8inch
Rosemary	59-68°F	16-18h	4-6inch
Cherry tomatoes	64.4-82.4°F	14-16h	4-6inch
Thymus vulgaris	68-77°F	18-20h	4-6inch
Sunflower	69.8-78.8°F	16-18h	2-6inch
Pepper	59-93.2°F	16-18h	4-6inch
Cucumber	50-89.6°F	16-18h	4inch
Tom tomato	64.4-82.4°F	14-16h	4-6inch
Arugula	64.4-86°F	16-18h	4inch
Lettuce	59-68°F	16-20h	4-6inch

## Product Maintenance

Place your Gardening Kit on a sturdy, water-tolerant surface.

In a 59°F-86°F (15-30°C) environment (optimal).

Beyond the reach of children or pets.

Away from direct sources of heat ( stove, furnace vents, e.g.,) or cold ( window drafts, A/C vents, e.g.,).

Indoor Gardening Kit does not need additional light or a sunny window. In fact, too much direct sunlight can overheat your plants.

## Frequently Asked Questions & Answers

### **1. Why do only a few of the plants grow and once grown, they quickly wither?**

a.The seeds you purchase make a difference. For best results, purchase seeds from reliable sources and avoid purchasing seeds that are unsuitable for water hydroponic devices.

b.Ensure you are using the correct proportion of nutrient solution to water.

c.Keep LED lights at least 3-4inch away from the plants and place the Gardening Kit in a 59°F-86°F (15-30°C) environment.

### **2. Can sponges be reused?**

The sponges are only reusable if the stem of the plants are completely pulled out, however we do not recommend doing so as the Sponge is most effective during the first use. We offer a specific link to purchase extra Sponges. Contact [support@idooworld.com](mailto:support@idooworld.com) via email for more information.

### **3. Does it kill the plant to remove it from a sponge (if I want to move it to a pot, for example)?**

The plant should normally survive this move, however it is best to wait until the plant is vigorous and healthy to improve the chance of survival.

### **4. Why are the seeds not germinating?**

It may impacted by temperature. You may also try to cultivate the seeds in normal soil to test whether it may be a problem with the seeds.

### **5. Why doesn't it bloom or bear fruit?**

Make sure the nutrition is enough, always top off water level and add liquid nutrients proportionally.

## 6. Why does it get moldy?

- A. The temperature is too high, causing the enzymes needed for seed germination become inactivate.
- B. There is too much water and insufficient oxygen, and the seeds perform anaerobic respiration
- C. The seed itself has wounds and has become invaded by other microorganisms.
- D. Plants with lush branches and leaves are recommended to be planted at intervals with ample space, which is more conducive to the healthy growth. Cover the vacant holes to prevent insect eggs, molds, or bacteria from falling into the water tank and affecting the growth of plant roots.
- E. Clean the water tank regularly to avoid bacteria growth. In the process of planting, if there are dead plants and other poorly growing plants, they should be removed in time to prevent root erosion bacteria.

## 7. How to prevent the sponge from getting moldy/algae?

20 basket lables are included in the package to prevent the sponge from getting moldy/algae. You can also cover the sponge with an opaque film, such as tin foil.



## Warranty (1-Year Period)

The manufacturer's warranty is void under the following circumstances but not limited to:

- Improper or inadequate maintenance or modification.
- Accident, misuse, abuse, contamination, or other external causes.
- The use of unspecified adapter and accessories.
- Loss or damage in transit.
- Damages that occurs as a result of one's failure to follow the instructions.
- This warranty does not apply to expendable or consumable parts and does not extend to any product from which the serial number has been removed.

## Customer Service

We have an award-winning warranty, exchange, and customer service team that guarantees hassle-free solutions to any issue you might have within the 24 business hours.



**+1(951)751-2590 (US ONLY)**

Monday-Friday 9:00AM-4:30PM

**1800 69 7367 (AU ONLY)**

Monday-Friday 9:00AM-6:00PM (AEST)



**Email: [support@idooworld.com](mailto:support@idooworld.com)**

## **FCC Regulatory Compliance**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **ISED Regulatory compliance**

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

### **US Importer: JOICOM CORPORATION**

14129 The Merge Street, Building 3 Unit A, Eastvale, CA 92880

### **Manufacturer: Shenzhen Ruiyi Business Technology Co., Ltd.**

Qianhai Complex A201, Qianwan Road 1, Qianhai Shenzhen-Hong Kong Cooperation Zone, Shenzhen, P.R.China

**MADE IN CHINA**

**NA5**