



User Manual



Multi-functional garden LB2



Certifié par FN-BIO 01
Agric. Biol. C

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Preface

With the multifunctional connected garden, growing plants becomes easier. The automatic garden takes care of everything! Fill the container with water, turn on the light and follow the growth of your seedlings. No more worries when you are away or on holiday.

Thanks to the hydroponic garden, create your own little indoor vegetable garden. With its sleek and modern design, it will fit perfectly into the decor of your kitchen, living room or bedroom and bring greenery to your environment.

Grow herbs, vegetables, fruit and flowers all year round. You'll have plenty to season your dishes.

Thanks to these different functions, you can enjoy a garden, a humidifier and an air purifier while listening to music thanks to its integrated speaker and even program alarms.

It's up to you!



Precautions

In order to avoid accidents threatening the safety of people, such as damage to the machine, falls, electric shocks, fires, etc., please strictly follow the instructions for correct installation and use. Please do not disassemble, modify or exchange parts and accessories.

This machine is for indoor use only and the ambient temperature is between 0 and 40°C. When the ambient temperature is below 0°C, please pour out the water contained in the machine to prevent damage to the machine due to freezing.

The machine should be placed on a horizontal indoor table, avoid tilting it and keep it away from heat sources and direct sunlight. There is a circuit control system at the bottom and top of the machine. Do not turn the machine over when it is powered or when there is water inside to avoid damage to the internal electronic components.

The supply voltage must match the input voltage of this product. If the supply voltage does not match, do not use this product.

If the unit is not used for an extended period of time, it may be necessary to recalibrate the date and time (see "Setting the Time and Date").

Do not connect or disconnect the power plug with wet hands to avoid the risk of electric shock.

In the event of a power failure, add water to the planting or humidifying water tank, but do not exceed the specified water level.

Tap water can be added to the planting water tank, and the humidification water tank should use mineral water, unfiltered tap water and cold boiled water. If you add pure water or distilled water, the condensation of the water droplets in the spray orifice will leak, and the spray will not be even (long-term addition affects the life of the product).

Note: You can add an appropriate amount of diluted essential oil to the humidifier tank according to your preference, but do not add other corrosive additives.

When the humidifier is spraying, water droplets may form at the spray port, and some of the water droplets will drip onto the desk, which is normal.

When there is no water in the humidifier's water tank, a hissing sound may occur, but it returns to normal after refilling.

When not using the unit for a long period of time, unplug the power plug, drain the water from the planting water tank and humidifying water tank, clean the entire unit including the water tank, and then place the unit in a dry and ventilated place indoors.

When using the desk lamp with eye protection, you can gently move the top to a certain angle without forcing it. Move the tray to prevent the tray axis from breaking.

Reminder: The illustrations of products, accessories, user interface, etc. in the manual are all schematic diagrams. Due to product updates and upgrades, the actual product and the schematic diagram may differ slightly. Please refer to the actual product.

Product parameters

Product name	Product model	Input voltage and current	Maximum power
Yangsenbao	LB2	DC5V 2A	10W

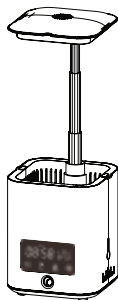


2 bags of organic seed*



2 peat pellets

Machine accessories



1 complete machine



3 filter sponges



1 hygroscopic tape



1 non-woven fabric



1 power cable



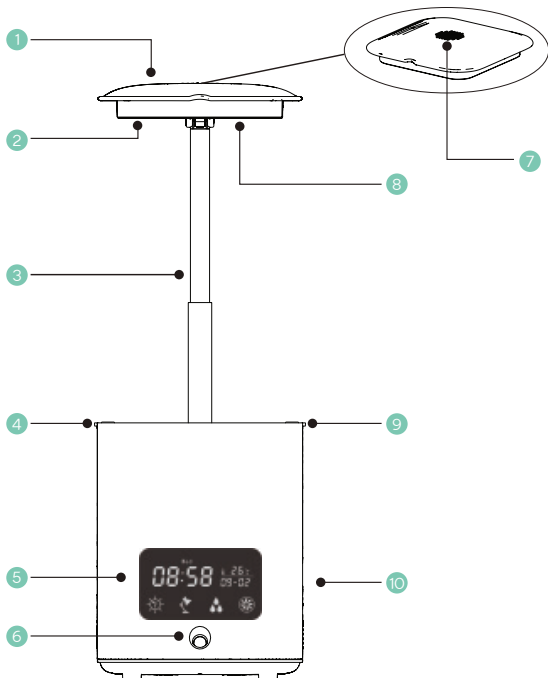
2 funnels



1 user's manual

*Seeds from organic farming

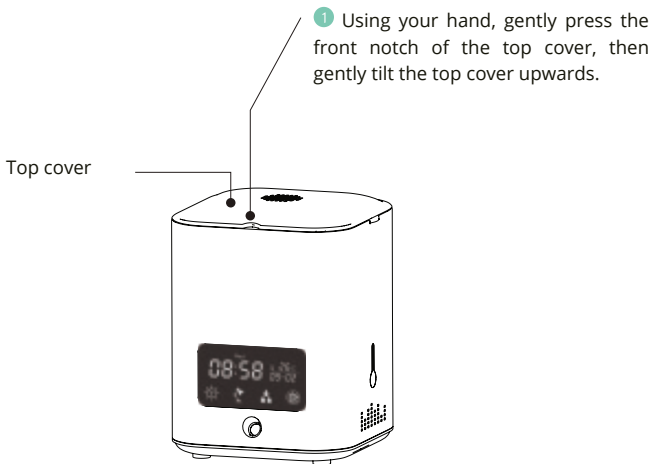
Product structure



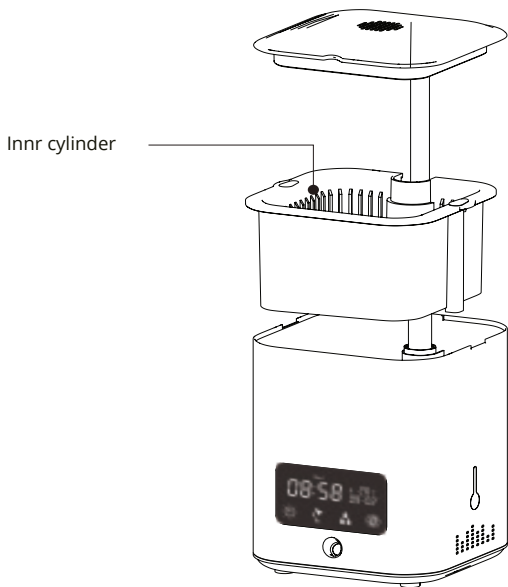
- ① Top cover
- ② Eye protection lamp
- ③ Telescopic rod
- ④ Planting tank water inlet
- ⑤ Touch panel
- ⑥ Humidifier spray nozzle
- ⑦ Air purifier
- ⑧ Plant filling lamp
- ⑨ Humidification tank water inlet
- ⑩ Outer cylinder

Instructions

1. Take the machine assembly out of the packing box and remove the packing bag from the outside of the machine assembly.
2. Gently press the front notch of the top cover by hand, turn the top cover upwards, and pull the top cover up to the highest point with some force.
3. Remove the inner cylinder from the outer cylinder and take the accessories out of the inner cylinder.



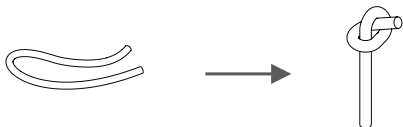
- 2 Pull the top cover up a little harder, then pull the telescopic rod up to the highest point.
- 3 Remove the inner cylinder from the outer cylinder.



4. Take out the absorbent pad and tie a knot at one end of the absorbent pad.

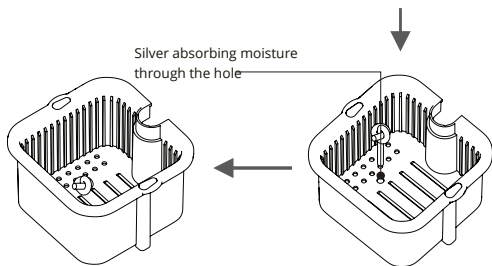
5. Place the knotted absorbent pad in the inner barrel.

6. Spread the non-woven fabric in the inner bucket.



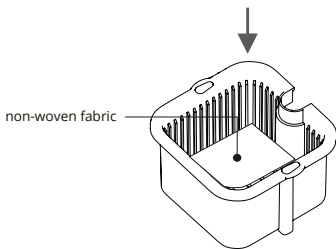
1 Hygroscopic silver

2 Tie a knot at one end of the absorbent pad.



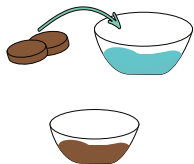
4 Inner cylinder with moisture absorbing silver.

3 Insert the other end of the absorbent pad into the hole indicated in the inner cylinder.



5 Arrange the non-woven fabric.

7. Choose suitable flowers and plants (dwarf plants and plants are more suitable). Put the peat in warm water until it swells.



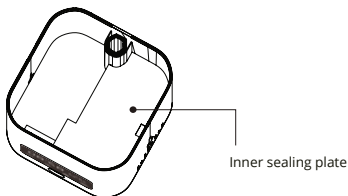
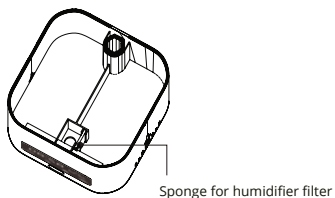
1. Fill a bowl with warm water and place the peat discs in it for 5 minutes.

2. Once the pebble has swollen, wring it out to remove excess water.

3. Plant the flowers and plants on the inner tray with moisture-absorbing cotton money covered with the non-woven fabric.

8. Check for a filter sponge in the humidification water tank of the outer barrel, then cover the inner sealing plate.

1 Check that the humidifier filter is installed.

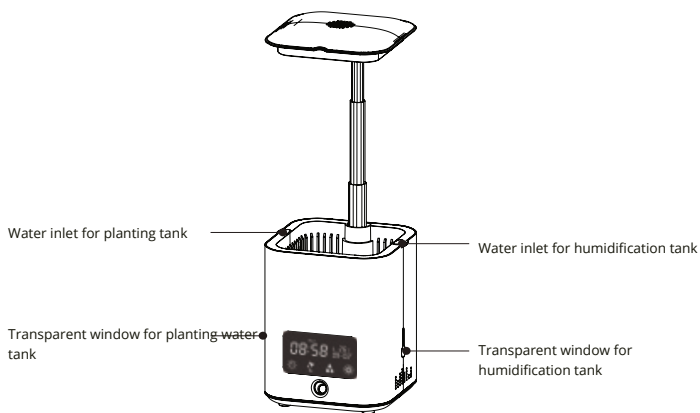


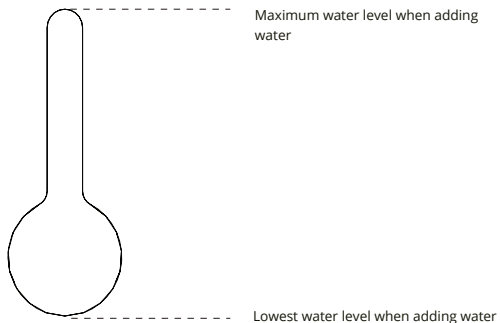
2 Install the inner sealing plate.

9. Carefully place the inner bucket with the planted flowers and plants into the outer bucket

10. Insert the water filling funnel into the water injection hole, and pour water into the water injection hole of the planting water tank and the humidification water tank respectively. When filling the water, observe the transparent windows on the left and right. The water injection volume should not exceed the highest point of the transparent window (i.e. the highest water level).

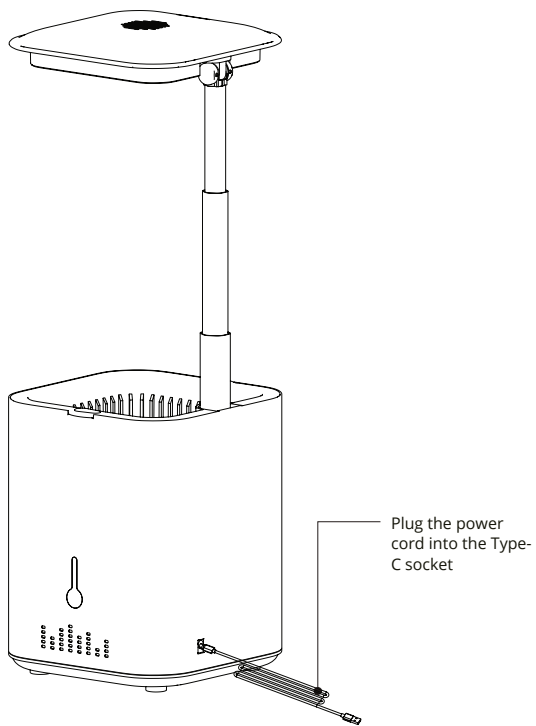
Note: The humidification tank should use mineral water, unfiltered tap water and cold boiled water. If pure water or distilled water is added, the condensation of water droplets in the spray orifice will leak and the spray will not be even (long-term addition affects the life of the product). You can add an appropriate amount of essential oil to the humidification water tank according to your preference.





The highest and lowest water level in the entire machine.

11. Insert the power cable into the TYPE-C jack on the back of the machine, the other end of the data cable is connected to the adapter, and plug the adapter into an outlet that meets the voltage requirements. After the power is turned on, you can use the touch panel to operate various functions.



Plug the power cord into the Type-C socket on the back of the machine.

Setting the functions



- ① Plant filling light button
- ② Eye protection button
- ③ Humidifier button
- ④ Air purification button

Function	Entry requirements	Steps
Start up	Connect the power cord and turn on the power	Switch to the standby state of the whole machine or to the pre-standby state
Filling lamp for plants	Press button ① briefly to switch from automatic mode to manual mode and standby mode	<p>In automatic mode, the default period for turning on the light each day: 8:30-12:00 and 13:30-17:30</p> <p>In manual mode, the light for plants has two brightness levels: full and low</p>

Humidifier	Press button ③ briefly to switch from automatic mode to manual mode and standby mode	3:30-12:00 and 13:30-17:30 and in automatic mode, the humidifier turns on for 5 seconds and off for 5 seconds
		In manual mode, the humidifier runs continuously
Air cleaner	Press button ④ briefly to switch from automatic mode to manual mode and standby mode	8:30-12:00 and 13:30-17:30 and in automatic mode, the air purifier is switched on for 5 minutes and off for 10 minutes
		In enhanced mode, the air purifier runs for 30 minutes and stops for 60 minutes
Alarm clock	Press and hold ①, ②, ③ at the same time	Enter the alarm setting interface (see "alarm setting instructions")
Temperature unit switch	Press and hold ②, ③, ④ at the same time	Toggle between Celcius and Fahrenheit
Speaker	Press and hold buttons ② and ③ at the same time	The speaker function is on or off

Eye protection lamp	Press button ② briefly to switch from automatic mode to manual mode and standby mode.	In automatic mode, between 6:30 a.m. and 10:00 p.m., the eye protection light turns off automatically after being on for 1 hour at a time.
		In manual mode, the eye protection lamp with two levels of full light and low light

Note

The plant fill light and the eye protection light cannot be lit at the same time.

In automatic mode, the button lights up green; in manual mode (or enhanced mode), the button lights up blue.

From 10pm to 6:30am the next day, if all function keys are in standby or automatic mode, and no function key is touched within one minute, the display screen and key indicators are all turned off.

The speaker is an optional accessory. If the entire machine is not equipped with a speaker function, the alarm will not sound.

Setting the time and date

Setting the time

Press and hold buttons ①, ② for 3 seconds.

The first digit starts to flash:

1. Briefly press button ② (equivalent to the + sign).
2. Briefly press button ③ (équivalent au signe -).
3. Briefly press button ①, the next digit of the hour flashes, briefly press button ② ou ③ repeatedly, and so on.
4. Briefly press button ④ ((equivalent to the confirmation button), the set time takes effect and the current time is displayed.

Setting of dates

Press and hold ③ and ④ for 3 seconds.

The first digit (month) of the date starts to flash:

1. Briefly press button ② (equivalent to a + sign).
2. Briefly press button ③ (equivalent to the - sign).
3. Briefly press button ①, the next digit (date) of the date flashes, briefly press button ② or ③ repeatedly, briefly press button ① again, the year starts flashing, and so on.
4. Briefly press button ④ (equivalent to the confirmation button), the set date takes effect and the current date is displayed.

Setting the alarm

The alarm of the current group is switched on and off (OF means off; ON means on).

Alarm group, 01, 02, 03 total 3 alarm groups.

1. Press and hold ①, ②, ③ at the same time to enter the alarm setting mode. Alarm group 01 flashes, press ② and ③ to add and subtract groups respectively (cycle between 01-03).

2. Press ①, the alarm switch icon flashes, press ② and ③ respectively, you can switch from OF to ON.

3. Press ①, the week 1-5 will flash at the same time, press ② and ③, and the flashing cycle will be as follows:

- Flashes simultaneously from 1st to 7th of the week.
- Simultaneous flashes from 1st to 6th of the week.
- It flashes simultaneously from the 6th to the 7th of the week.
- It flashes simultaneously from the 1st to the 5th of the week and so on.

4. Press button ①, it flashes, press +/- to set, set the alarm time ;

5. Press button ①, the minutes flash, and the alarm minute is set;

During the alarm setting process, every time you press button ④, the alarm setting takes effect and you exit the normal interface.

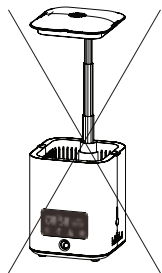
If the alarm is set previously, when the group is switched, the previously set alarm is called. Press key 1 to scroll through the group, alarm switch, day of the week, hour and minutes. In the normal display, if the set alarm time is reached, the interface switches to the alarm interface and exits the alarm interface after ringing for a while. If you touch any of the four buttons in front of the alarm during the alarm, the interface returns to the normal display and the alarm stops.

Notice of use

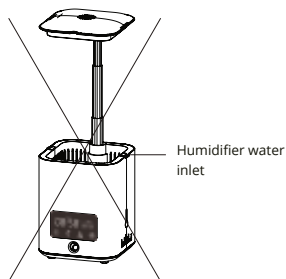
1. The machine cannot be immersed in water.
2. Flowers and plants have different water content requirements. Please adjust the water level in the planting water tank according to the unique habits of flowers and plants (some plants do not need to add water, just spray water on the leaves regularly).
3. During normal use, regularly observe the water in the planting water tank and the humidification water tank from the clear window. If the water level is below the minimum water level, refill the water in time through the water injection hole on the inner bucket (combined with item 2).
4. When using the plant filling lamp, do not let your eyes look directly at the top of the lamp panel for a long time.
5. When using the eye protection lamp, you can gently rotate the top panel of the lamp upwards to allow the light to illuminate the appropriate area (if the top panel of the lamp does not rotate gently, do not rotate it vigorously).
6. The humidifier has specific requirements for the water in the humidifier water tank. The humidifier's water tank must use mineral water, unfiltered tap water and cold boiled water. Adding pure water or distilled water will cause condensation in the spray port, resulting in water leakage and spitting. Unsuitable conditions (long-term habituation affects the life of the product).

7. When moving the position of the machine, be sure to move it horizontally.

8. Each machine has been tested for moisture when leaving the factory, and there may be residual water droplets in the fuselage. This is a normal phenomenon and does not affect normal use.



Do not touch or put water on top.



Do not add pure water, distilled water or pure aroma to the humidifier water.

Practical advice

The amount of mist coming from the spray orifice is reduced or there is no mist.

Cause of the problem

1. The spray nozzle is covered with water drops.
2. Humidifier filter is clogged
3. Humidifier water tank is scaled

Handling method

1. Gently wipe the metal part of the spray nozzle with a paper or soft cloth.
2. Clean or replace the filter sponge.
3. Use citric acid to clean the humidification water tank, see "Daily cleaning and maintenance" for details.

When you plant flowers, they don't grow well.

Cause of the problem

1. The light or water level in the planting water tank does not meet the requirements
2. The water in the planter is not changed regularly.
3. The natural growth cycle of the plants is almost complete.

Handling method

1. Understanding the habits of flowers and plants:
 - a. Increasing or decreasing the amount of light given to the plants
 - b. Insufficient or excessive water in the planter.
2. Regularly replace the water in the planter.
3. The plant has a life, and when the life cycle ends, replace it with a new plant.

No response to touch after power on.

Cause of the problem

1. The built-in battery is discharged.
2. The adapter may not meet the requirements.

1. Connect the adapter to charge the battery, then touch the front key switch after 1 minute.
2. Replace the device with a certified adapter that complies with safety standards, has an output voltage of 5 V and a current of at least 2 A.

Disclaimer : Our company will not assume any liability for personal damage and property loss caused by improper use or storage by customers.

Environmental list

Name of the piece	Toxic and harmful substances or elements					
	Lead (Pb)	HG (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr6 +)	Polybrominated biphenyls (PBB)	Ether diphenylique polybromé (PBDE)
Metal parts	X	O	O	O	O	O
Circuit module	X	O	O	O	O	O
Cables and cable assemblies	X	O	O	O	O	O
Plastic	O	O	O	O	O	O

This form is prepared in accordance with regulation SJ/T 11363-2006. O: indicates that the hazardous substance content of all homogeneous materials in the part is below the limits required by SJ/T 11363-2006. X: indicates that the hazardous substance content in at least one of the homogeneous materials in the part is above the limit required by SJ/T 11363-2006

Notes: All parts marked with an "X" in the table are compliant with EU RoHS regulations.

Daily cleaning and maintenance

1. After a certain period of operation, dirt or debris in the planting water tank, caused by the metabolism of the plants, is a normal phenomenon.
2. The planting water tank and the humidification water tank should be cleaned regularly (usually 2-4 weeks at a time). When cleaning, you should disconnect the power supply, take out the inner bucket, pour the remaining water into the water tank, clean it, and put it in a Refill nutrient solution or water after the inner barrel.
3. Note: Please do not let the water run down the telescopic rod to the top or bottom where there is a circuit.
4. When not in use for a long time, please pour the water into the water tank and clean it.
5. After prolonged use, if the spray volume is reduced or no mist is produced:
 - a. Replace the humidifier filter or rinse it with water before returning it to its original position.
 - b. Inject a solution of about 10% citric acid into the humidifier water tank and sprayer for 30 minutes. Use a cotton swab soaked in white vinegar or alcohol to gently wipe the surface of the spray port.
6. The body can be cleaned with a clean soft cloth dipped in soapy water and wrung out. It is recommended to clean it once a week. Do not use any other reagents for cleaning, as this may cause discolouration or damage to the body.

7. Use the cable and ensure that the voltage and current used are within the requirements.
8. This product is not a toy. When children touch it, be sure to do so under parental supervision.

Advice

1. Please read the product manual carefully before use;
2. The humidification water tank should use cold mineral water, unfiltered tap water and ordinary water. If pure water or distilled water is added, the water droplets will condense on the nozzle and not soften the spray. (A long-term investment affects the life of the product)
3. When the humidification function is activated, make sure the front of the humidifier nozzle is not blocked by other objects. It is normal for a few drops of water to fall onto the table below the nozzle.
4. If you do not water from time to time when the humidifier function is activated, hold the telescopic rod and tilt the whole machine slightly forward to drain the humidifier hose.
5. Use a funnel to fill the plant's water tank and the humidifier's water tank at the left and right water injection holes respectively.
6. Depending on the flower's habits, you can use a foliar fertiliser on the leaf and root of the flower.

This manual is intended for reference purposes only. The information in the manual is current at the time of publication. The company reserves the right to make changes and improvements to the product. All settings, images and contents are subject to change without notice. The company is not responsible for any direct or indirect damage caused by or related to use not in accordance with this manual.

Plant cultivation

The automatic garden allows water to be regulated directly by the plant, so you don't have to worry about watering your plants. Make sure that the level never falls below the minimum level of the device. The light is also automatically managed.

The garden is suitable for plant types such as herbs, for example, chives, parsley or basil. The garden is also suitable for flowers such as mallows, poppies, calendulas and cosmos.

Seeds	Lifting time	Harvest
Chives	2 to 8 days	Cut the stems with scissors regularly
Parsley	Up to 6 weeks	Cut the leaves by hand regularly

