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Luxbird LB-HT02

LUXBIRD LB-HT02 Seedling Heat Mat with Digital Thermostat Controller User Manual

Model: LB-HT02

INTRODUCTION

The LUXBIRD LB-HT02 Seedling Heat Mat with Digital Thermostat Controller is designed to provide optimal warmth for various applications, including seed starting, plant germination, hydroponics, home brewing, DIY fermentation, and reptile terrariums. This combo includes two 10" x 20.75" heat mats and one digital thermostat controller, allowing for unified management of up to six heat mats.



Image: LUXBIRD LB-HT02 Seedling Heat Mat with Digital Thermostat Controller.

SETUP INSTRUCTIONS

- Unpack:** Remove the heat mat from its plastic bag and dispose of packaging properly.
- Placement:** Place your heat mat on a flat, dry surface, away from water and direct sunlight. Ensure the mat is flat and fully expanded.
- Connect Power:** Plug the heat mat's power cord into an electrical outlet.
- Thermostat Connection:** Connect the digital thermostat controller to the heat mat. The NTC probe should be placed in the soil or water to monitor the temperature accurately.
- Daisy-Chain Multiple Mats:** For multiple mats, connect them one by one using their waterproof connectors. The controller can manage up to six mats.

Unified Management of Up to 6 Heating Mats

**No need to purchase
additional controllers**

More convenient, more efficient



Image: Multiple LUXBIRD heat mats connected to a single controller for unified management.

OPERATING INSTRUCTIONS

Temperature Control

- The digital thermostat controller supports a temperature range of 32°F (0°C) to 108°F (42°C).
- Use the 'SET' button to adjust the desired temperature. The controller allows selection between Celsius and Fahrenheit.
- For optimal seed germination, maintain the root area temperature between 68°F (20°C) and 86°F (30°C).
- The NTC probe provides real-time soil temperature monitoring to ensure a comfortable environment for your plants.



Image: Digital thermostat controller with temperature display and NTC probe for accurate control.

Seed Starting Process

1. **Prepare Starter Mix:** Ensure your starter mix or pellets are moist before placing them on the heat mat. They should be dark brown and fully expanded in the cells.
2. **Sow Seeds:** Sow 2-3 seeds per cell and then place your greenhouse dome over the tray.
3. **Monitor:** Keep the greenhouse dome in clear sight. When the starter mix or pellets appear to be light brown, add a small amount of water to the inside of the tray.
4. **Germination:** After the first seeds germinate, prop your greenhouse dome open 1-1/2 inches.
5. **Remove Tray:** When half of the tray has germinated seedlings, remove the greenhouse dome and unplug your heat mat, then remove the tray from it.

Germination Rate Increased By **40%**

Maintain the temperature of the root area at around **20°C~30°C**
(68°F-86°F), effectively improving the germination rate



Image: Seedlings on a LUXBIRD heat mat, demonstrating the mat's effectiveness in increasing germination rates.



Real-time Monitoring To Maintain An Optimal Growing Temperature For Seedlings

Image: Real-time monitoring of plant growing temperature using the NTC probe with the LUXBIRD heat mat.

MAINTENANCE

- The LUXBIRD seedling heat mats are constructed from durable PVC material with a fireproof surface.
- They feature an IP67 waterproof rating, making them anti-abrasion, dustproof, flame-resistant, and easy to clean.
- To clean, simply wipe the surface with a damp cloth. Ensure the mat is unplugged and dry before storage or next use.

Durable PVC Material, IP67 Waterproof

Anti-abrasion | Anti-dust | Easy to clean



Image: Close-up view of the LUXBIRD heat mat, emphasizing its durable PVC material and IP67 waterproof design.

TROUBLESHOOTING AND SAFETY WARNINGS

- **Electric Shock or Fire:** May result if used improperly.
- **Children:** Not recommended for use by children under 12 years of age. Children should be supervised to ensure they do not play with the appliance.
- **Overheating:** Do not use in combination with grow light or in direct sunlight. This will overheat and dry out your seedlings' tender roots.
- **Unattended Use:** Never leave your heat mat unattended in the household. Keep in clear sight.
- **Appliance Suitability:** This appliance 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.

SPECIFICATIONS

Feature	Detail
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Model Number	LB-HT02 (YQ128)
Mat Dimensions	10" x 20.75" (25.4cm x 52.7cm)
Power	30W per mat
Voltage/Frequency	AC120V 60Hz
Temperature Control Range	32°F ~ 108°F (0°C ~ 42°C)
Waterproof Rating	IP67
Material	Durable PVC with fireproof surface
Certifications	CE Certified
Package Dimensions	10.67 x 4.02 x 3.98 inches
Item Weight	2.22 pounds


 Stable &
 Even Heat


 10" x 20.75"
 Perfect Size


 Large
 Heating Area

30_w
 30W Efficient
 Performance



Image: Illustration of the stable and even heat distribution provided by the 30W LUXBIRD heat mat.

Applications

- Indoor Gardening Seed Starting
- Warm Hydroponic Systems
- Home Brewing
- DIY Fermentation
- Reptile Terrariums

Multi-purpose Heating Mat meets various needs in daily life



Indoor Gardening



Home Brewing



DIY Fermentation



Reptile Terrariums

Image: Visual representation of the multi-purpose applications of the LUXBIRD heating mat.

PRODUCT VIDEO DEMONSTRATION

Video: A demonstration of the Daisy Heating Mat with Thermostat by Groplus, showcasing its features and use.

WARRANTY AND SUPPORT

Specific warranty information is not provided in the product details. Please refer to the product packaging or contact LUXBIRD customer service for details regarding warranty coverage and support.

For further assistance or inquiries, please visit the official [Luxbird Store on Amazon](#).

