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› Barrina CX1 5-Tier Plant Stand with 160W 5000K Full Spectrum Grow Lights User Manual

Barrina CX1

Barrina CX1 5-Tier Plant Stand with 160W 5000K Full Spectrum Grow Lights User Manual

Model: CX1

Brand: Barrina

INTRODUCTION

This manual provides comprehensive instructions for the assembly, operation, and maintenance of your Barrina CX1 5-Tier Plant Stand with 160W 5000K Full Spectrum Grow Lights. Designed for indoor plant cultivation, this stand offers adjustable shelving and efficient lighting to support various plant growth stages.



Figure 1: Fully assembled Barrina CX1 Plant Stand with various plants under grow lights.

PACKAGE CONTENTS

Before beginning assembly, please verify that all components listed below are present in your package:

- Barrina Metal Plant Stand Kit x1
- 1.6FT T5 LED Grow Light Set x1 (8pcs)

- Hook and Loop Tape x1
- Installation Manual x1
- PP Mats x5
- Casters (Lockable)
- Adjustable Leveling Feet (if included with your model)

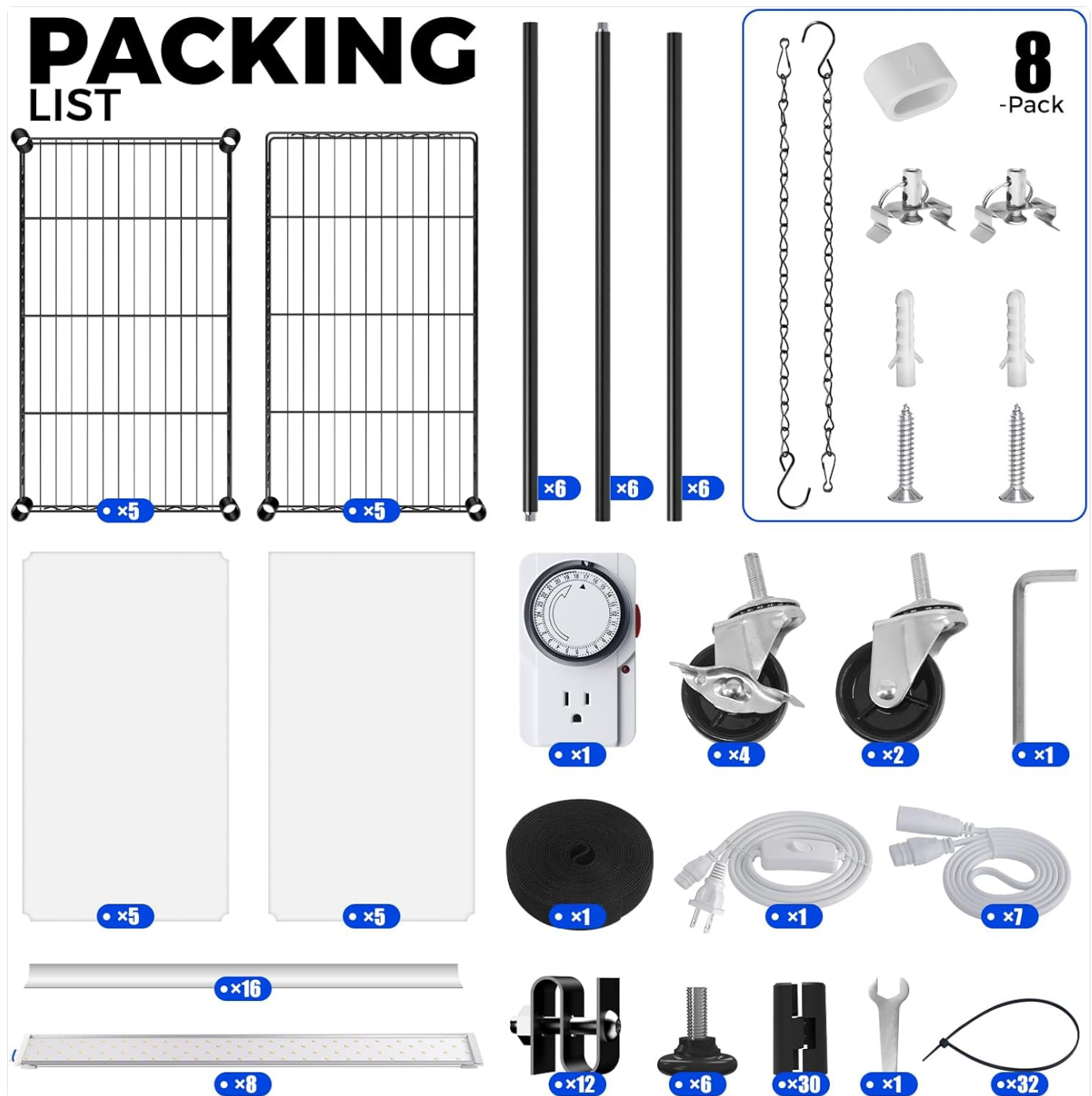


Figure 2: Detailed packing list of all components for the plant stand and grow lights.

SETUP AND ASSEMBLY

The Barrina CX1 Plant Stand is designed for tool-free assembly. Follow these steps for a secure setup:

1. **Assemble the Frame:** Connect the pole sections and attach the wire shelves at your desired heights. Ensure all connections are firm.

2. **Install Casters or Leveling Feet:** Attach the provided casters for mobility or adjustable leveling feet for stationary use. Lock casters once positioned.
3. **Place PP Mats:** Lay the PP mats on each wire shelf to prevent items from falling through and for easier cleaning.
4. **Install Grow Lights:**
 - **Option 1 (Clips and Chains):** Install the clips onto the grow lights, then hang the lights from the wire shelves using the provided chains.
 - **Option 2 (Cable Ties and Clips):** Secure the grow lights to the underside of the shelves using cable ties and clips.
5. **Wire Connection:** Connect the grow lights using the provided linking cables. Ensure all connections are secure.
6. **Power Connection:** Connect the main power cord to the first grow light and then to the mechanical timer. Plug the timer into a power outlet.
7. **Organize Cables:** Use the hook and loop tape to neatly organize all power cords and connecting wires along the stand's poles.

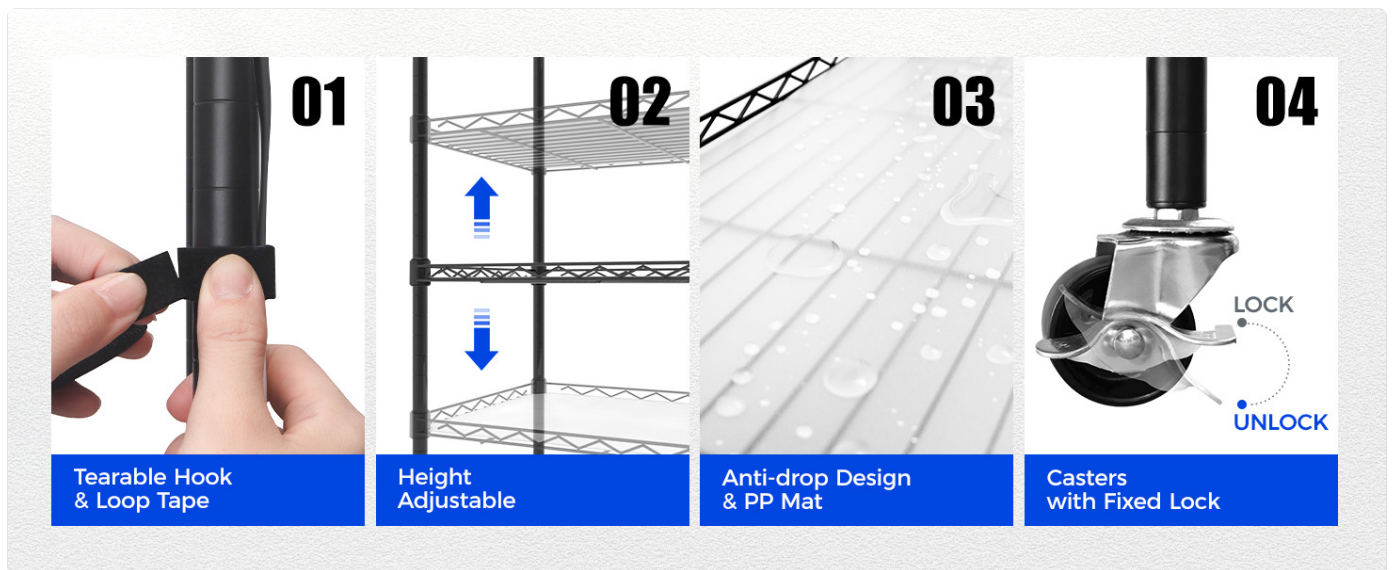


Figure 3: Visual guide for assembling the plant stand and installing grow lights.

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Video 1: A detailed guide on how to install the grow lights onto the plant stand, including reflector attachment and wiring.

OPERATING INSTRUCTIONS

Grow Lights

The Barrina CX1 includes 8 pieces of 1.6ft T5 LED Grow Lights, providing 5000K full spectrum light suitable for all plant growth stages. Reflectors are included to enhance light efficiency and focus.

20W PPFD For ONE LIGHT

FULL SPECTRUM

Satisfies plant requirements in all stages

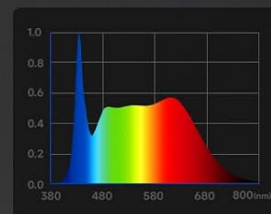


Figure 4: PPFD (Photosynthetic Photon Flux Density) measurements for the 20W full spectrum grow light at various distances.

Mechanical Timer

Utilize the included mechanical timer to automate your grow light schedule. This timer can be programmed for daily repetition, ensuring your plants receive consistent light exposure without manual intervention.

- **Setting the Timer:** Refer to the timer's specific instructions for setting desired ON/OFF periods. Typically, you push down segments on the dial corresponding to the hours you want the lights to be ON.
- **Manual Override:** Most mechanical timers include a switch to bypass the timer and keep the lights continuously ON or OFF.

PROGRAMMING YOUR SCHEDULE

Effortless control
worry-free scheduling



Easy
to Use



15-Minute
Intervals



24 Hours
Daily Repeat



Figure 5: The mechanical timer for automating grow light schedules.

MAINTENANCE

- **Cleaning:** Regularly wipe down the wire shelves and PP mats with a damp cloth to prevent dust and debris accumulation. Ensure grow lights are off and unplugged before cleaning.
- **PP Mats:** The leak-proof PP mats are designed for easy cleaning and can be removed for thorough washing.
- **Cable Management:** Periodically check the hook and loop tape to ensure cables remain neatly organized and out of the way, preventing accidental damage or disconnections.

DURABLE PLANT STAND FEATURES



Figure 6: Key features of the plant stand, including the leak-proof mat and cable organization.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Grow lights not turning on.	Power cord loose, timer not set correctly, faulty light.	Check all power connections. Verify timer settings or bypass the timer. Test individual lights if possible.
Plants not growing well.	Incorrect light distance, insufficient light duration, environmental factors.	Adjust light height (refer to PPFD diagram). Ensure timer is set for appropriate light duration (e.g., 12-16 hours). Check temperature and humidity.
Stand is unstable.	Shelves not fully secured, casters unlocked, uneven surface.	Ensure all plastic clips are fully engaged and shelves are level. Lock casters. Use adjustable leveling feet if on an uneven surface.

SPECIFICATIONS

- **Model:** CX1
- **Dimensions (L x W x H):** 47.2 x 13.8 x 70.9 inches
- **Material:** Metal (Powder Coated)
- **Number of Tiers:** 5 (Adjustable Height)
- **Load Capacity:** 330 Pounds
- **Grow Lights:** 8x 1.6FT T5 LED Full Spectrum Grow Lights
- **Light Color Temperature:** 5000K
- **Special Features:** Mechanical Timer, Reflectors, Lockable Casters, PP Mats
- **Assembly:** Required (Tool-free)

WARRANTY AND SUPPORT

For any installation questions, product support, or warranty inquiries, please contact Barrina customer service. Refer to the contact information provided in your product packaging or visit the official Barrina website.

Your purchase includes a Barrina Metal Plant Stand Kit, 1.6FT T5 LED Grow Light Set, Hook and Loop Tape, and this Installation Manual.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question