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› BIGTREETECH Direct BIQU Panda Station 3D Printer Working Stand Cabinet Instruction Manual

BIGTREETECH Direct US61060000832N

BIQU Panda Station 3D Printer Working Stand Cabinet Instruction Manual

Model: US61060000832N

1. INTRODUCTION

The BIQU Panda Station is a versatile working stand cabinet designed to optimize your 3D printing workflow. It provides integrated storage for 3D printers, AMS units, filament spools, and tools, creating an organized and efficient workspace. Constructed from durable aluminum and steel, this station is built for stability and longevity, suitable for various 3D printing environments.

Key features include a dedicated tool storage drawer, dual-layer pull-out drawers for filament or AMS units, 360-degree rotating wheels for mobility, and pre-positioned ports for clean cable management. It is compatible with a range of Bambu-Lab printers, including P1P, P1S, X1C, X1E, A1, A1 Mini, H2S, H2D, and H2C, and integrates seamlessly with other Panda Verse products to maximize vertical space utility.

Panda Station

3D Printer, AMS, Filaments, Tools—All in One Place



Tool Storage
Drawer



DUAL-LAYER
PULL-OUT DESIGN



Mobility Features



Ergonomic Design



Modular &
Expandable

Figure 1: Front view of the Panda Station, highlighting its storage, mobility, and modular design.

2. SETUP INSTRUCTIONS

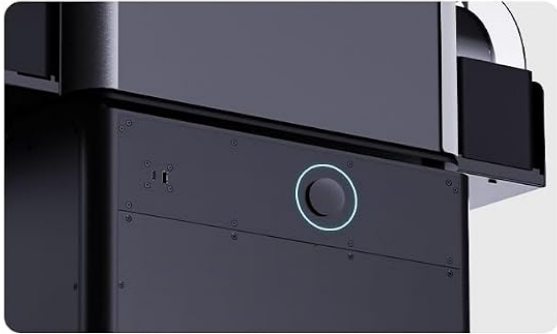
The Panda Station is designed for minimal assembly. Follow these general steps to set up your workstation:

1. **Unboxing:** Carefully remove all components from the packaging. Inspect for any damage during transit.
2. **Placement:** Position the cabinet in your desired location. Ensure the surface is level and stable.
3. **Wheel Attachment and Adjustment:** The station comes with 360-degree rotating wheels for easy movement. Attach the wheels if not pre-installed. Once positioned, use the provided rubber feet to stabilize the unit. Twist the rubber feet to lower them and lift the wheels off the ground, ensuring the station is secure and stable during printing operations. A

specific STL file for a wheel adjustment tool is available on Maker World for precise adjustments.

4. **Initial Cleaning:** Wipe down all surfaces with a soft, dry cloth to remove any dust or debris from manufacturing.

Thoughtfully Engineered, Down to Every Detail



Mobility on Demand

Lock tight when in place,
roll light when it's time to move.

*Use the [Panda Castor Wheel Adjustment Tool] (<https://makerworld.com/zh/models/1646712-panda-castor-wheel-adjustment-tool#profileid-1740562>) to easily adjust wheels and deploy shock-absorbing feet for secure positioning.

Clean Wire Management

Pre-positioned ports for clean AMS power cable routing. Includes rubber grommets for dust-proof sealing.



Optimized Working Height

76cm elevation positions the printer at the ideal ergonomic height for easy operation and maintenance.

Panda Station White Light Kit

Door-activated lighting turns on when you open,
off when you close. Late-night AMS swaps just
got way easier.

*The Panda Station White Light Kit is included with the Panda Station;



Figure 2: Illustration of the 360-degree rotating wheels and the recommended tool for adjusting the rubber feet for stability.

Industrial-Grade Quality

Built Strong to Power Your Creativity



Built for Creativity, Engineered for Efficiency

We designed this all-in-one storage setup with makers in mind. Four core goals shaped every decision:

- **Finally, a Clean Workbench**

Clear the clutter, reclaim your space. Vertical storage gives your AMS, AMS HT and tools a dedicated spot—so even compact studios feel pro-grade.

- **Grab-and-Go Tool Access**

No more rummaging through drawers. DIY dividers keep your go-to tools sorted and ready. See it. Grab it. Build.

- **Workshop Style That Works**

Industrial materials meet RGB glow. Your gear doesn't just work hard—it looks epic doing it.

For makers, by makers. Custom-engineered for the **H2D/H2S/H2C** to squeeze maximum utility from every square inch.



Figure 3: Side profile of the Panda Station, indicating its 76cm optimized working height.

3. OPERATION

The Panda Station is designed for efficient organization and access to your 3D printing essentials.

- **Top Tool Storage Drawer:** This drawer (38x42x6cm) is located at the top of the unit. It is ideal for organizing small tools, spare parts, and accessories. You can customize the internal layout using DIY-printed dividers to keep items

sorted and easily accessible.

- **Dual-Layer Pull-Out Drawers:** Below the tool drawer are two pull-out drawers (38.5x39.5x26cm each). These are designed to store up to two AMS units or approximately 20 filament spools. The pull-out design allows for convenient access and management of your materials.
- **AMS Connectivity:** AMS units stored in the drawers can be connected directly to the 3D printer placed on top of the station. Utilize the routing ports at the rear of the cabinet for clean and organized cable management. Rubber grommets are included for dust-proof sealing around the cables.
- **Humidity Monitoring:** The built-in hygrometer provides an accurate reading of the humidity inside the cabinet, helping you maintain optimal storage conditions for your filaments.
- **Door-Activated Lighting (Optional):** If equipped with the optional White Light Kit, the internal lighting will activate when the door is opened, improving visibility.
- **RGB Ambient Lighting (Optional):** The station supports optional RGB ambient lighting, which can be purchased separately to enhance the aesthetic of your workspace and provide atmospheric enhancement.

The Ultimate Maker's Storage Command Center

Tools, AMS, and filaments each get a dedicated spot, while your printer sits rock-solid on top.

Tool Storage Drawer

Customize it with DIY-printed dividers to keep every accessory sorted and within easy reach.

AMS/Filament Storage Zone

Dual-layer pull-out design for convenient access.

High-strength PC Panels

These panels form a protective enclosure that minimizes moisture intrusion and slows filament humidity absorption. For optimal performance, use in conjunction with desiccants.

*Product incorporates dual-layer interlocking safety design. AMS and filament storage compartments cannot be extended simultaneously. Images are functional demonstration only.

Figure 4: Detailed view of the Panda Station's internal storage, showing the tool drawer and dual-layer filament/AMS pull-out drawers.

Panda Station



RGB Ambient Lighting

Printer Status Indication
with Atmospheric
Enhancement

* The RGB Light kit need to buy separately.



Figure 5: Rear view demonstrating clean wire management with pre-positioned ports and rubber grommets for AMS power cables.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Panda Station.

- **Cleaning:** Periodically wipe down the exterior and interior surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Humidity Control:** Monitor the built-in hygrometer. To maintain a sealed environment and prevent moisture absorption by filaments, ensure the cabinet doors are properly closed. For optimal humidity control, place desiccant packets inside the filament storage drawers and replace them as needed.

- **Drawer Functionality:** Ensure the pull-out drawers move smoothly. If they become stiff, check for any obstructions or debris in the tracks.
- **Wheel and Foot Stability:** Regularly check the stability of the wheels and rubber feet. Re-adjust the rubber feet if the station feels wobbly during operation.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Panda Station.

- **Station is unstable or wobbles:** Ensure the rubber feet are properly deployed and adjusted. Twist the feet to firmly contact the floor and lift the wheels slightly, providing maximum stability. Refer to the wheel adjustment tool instructions if necessary.
- **High humidity inside the cabinet:** Verify that the cabinet doors are fully closed and sealed. Replace or recharge desiccant packets within the filament storage area.
- **Drawers are difficult to open/close:** Check for any filament spools, tools, or other items obstructing the drawer tracks. Ensure the drawers are not overloaded.
- **AMS cables are not routing cleanly:** Ensure cables are passed through the designated routing ports and that rubber grommets are correctly installed to prevent snagging or damage.

6. SPECIFICATIONS

Feature	Detail
Product Name	Panda Station
Compatible Models	Bambu-Lab A1, A1 Mini, P1P, P1S, P2S, X1C, X1E, H2D, H2S, H2C
Material	Steel, Aluminum Alloy, PC
Package Dimensions	30.71 x 23.62 x 23.62 inches
Item Weight	70.4 pounds
Item Model Number	US61060000832N
Color	Panda Station Black
Top Tool Storage Drawer	38 x 42 x 6 cm
Dual-Layer Pull-Out Drawers	38.5 x 39.5 x 26 cm (each)
Optimized Working Height	76 cm

7. WARRANTY INFORMATION

The BIQU Panda Station is covered by a manufacturer's warranty. For specific details regarding warranty duration, coverage, and claims process, please refer to the official BIGTREETECH Direct website or contact their customer support directly. Please note that extended protection plans may be available for purchase separately.

8. CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or inquiries regarding parts and service, please contact BIGTREETECH Direct customer support. You can find contact information and additional resources on their official website or through their Amazon store page:

Visit the [BIGTREETECH Direct Store on Amazon](#)

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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