

YOOPAI B0F8HBVK2Q

YOOPAI 3D Printer Filament Storage Box (Transparent Cover-10 Rolls) Instruction Manual

Model: B0F8HBVK2Q

1. INTRODUCTION

Welcome to your new YOOPAI 3D Printer Filament Storage Box. This manual provides detailed instructions for assembly, proper usage, and maintenance to ensure your 3D printer filaments are stored in optimal conditions. This product is designed to protect your filaments from dust and splashes, and to help manage humidity with included desiccants, thereby improving the quality of your 3D prints. Please note, this is a storage box and not a filament drying box.



Figure 1: YOOPAI 3D Printer Filament Storage Box with 10 rolls of filament inside.

The YOOPAI Filament Storage Box is a two-tier metal rack with a transparent cover, designed to hold up to 10 standard 1kg spools of filament. It helps keep your workspace organized and your filaments protected.

2. PACKAGE CONTENTS

Please verify that all components are present before beginning assembly:

- Metal Frame Components (tubes and connectors)

- Transparent Cover with Zipper
- 4 x Desiccant Packs
- Assembly Instructions

3. ASSEMBLY INSTRUCTIONS

Follow these steps to assemble your filament storage box. Assembly typically takes about 10 minutes.

1. Unpack all components and lay them out on a clean, flat surface.
2. Assemble the metal frame by connecting the tubes with the provided connectors. Ensure all connections are secure.
3. Once the frame is assembled, carefully place the transparent cover over the frame.
4. Zip up the cover. Note: The cover is designed to fit snugly. If installation is difficult, double-check that all frame connectors are fully seated.



Figure 2: Detailed view of the frame assembly process, showing secure connection points.

Important: Ensure that the connectors and tubes are securely connected. Otherwise, installing the protective cover may prove difficult.



Figure 3: Assembled metal frame next to the covered storage box, illustrating its sturdy construction.

4. USAGE GUIDELINES

4.1. Storing Filaments

This 2-tier rack can hold up to 10 standard 1kg spools (5 per tier), suitable for PLA, ABS, TPU, PETG, and other filament types.



Figure 4: The YOOPAI filament storage rack with 10 rolls of colorful filament neatly organized on two tiers.

The transparent cover allows for easy identification and quick selection of your desired filament.



Figure 5: A hand reaching into the zippered opening of the storage box to select a filament spool, highlighting the transparent design.

4.2. Humidity Control with Desiccants

The storage box includes 4 desiccant packs to help absorb moisture and maintain a low humidity environment, which is crucial for preserving filament quality.

For optimal results, it is recommended to monitor the humidity inside the box using a hygrometer (not included). Aim for humidity levels below 40%, and even lower for more moisture-sensitive filaments.



Figure 6: Illustration of the dust-proof and splash-proof design, with desiccant packs.

Desiccants absorb moisture from the air. When they become saturated, their color may change (if using color-changing desiccants). Saturated desiccants can be recharged by heating them in an oven according to their specific instructions.

If you have additional desiccant packs, store them in airtight containers when not in use to maintain their effectiveness.

5. MAINTENANCE

5.1. Cleaning

Wipe the transparent cover with a soft, damp cloth to remove dust or spills. Avoid abrasive cleaners that could scratch the material.

5.2. Desiccant Regeneration

Regularly check the condition of your desiccant packs. If they indicate saturation (e.g., color change), follow the manufacturer's instructions to regenerate them (typically by baking in a low-temperature oven).

6. TROUBLESHOOTING

6.1. Difficulty Installing Cover

Ensure all metal frame tubes are fully inserted into their connectors. The cover is designed for a snug fit to maximize protection.

6.2. High Humidity Inside Box

Verify that the zipper is fully closed. While the cover provides significant protection, it is not perfectly airtight, and a small gap may exist at the zipper closure. Ensure desiccant packs are fresh or recently regenerated. Consider adding more desiccant packs if humidity remains high, especially in very humid environments.

7. SPECIFICATIONS

Feature	Detail
Brand	YOOPAI
Model	B0F8HBVK2Q
Style	Modern
Recommended Use	3D Printer Filament Storage
Water Resistance Level	Not Water Resistant
Item Weight	1.72 Kilograms (3.78 pounds)
Opening Mechanism	Zippered Cover
Capacity	Up to 10 standard 1kg spools (2 tiers, 5 per tier)
Number of Compartments	2
UPC	850075053537
Dimensions (L x W x H)	11.11 x 9.84 x 16.98 inches
Included Components	Rack, Cover, 4 Desiccant Packs



Figure 7: Dimensions and load capacity of the storage box.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact YOOPAI customer service through the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

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