

IRIS USA 510024

IRIS USA 4-Tier Plastic Storage Shelf (Model 510024)
Instruction Manual

1. PRODUCT OVERVIEW

The IRIS USA 4-Tier Plastic Storage Shelf is designed for organizing various items in your home, garage, or utility spaces. This freestanding unit features a durable plastic construction and a tool-free assembly process. Its ventilated shelves help prevent mold and mildew, making it suitable for diverse environments.

Key Features:

- **Dimensions:** 11.8" W x 23.9" D x 48.3" H
- **Integrated Leg Design:** Support legs snap into the underside of each shelf for compact storage and streamlined assembly.
- **Material:** Made in USA with recycled plastic materials.
- **Weight Capacity:** Each shelf supports up to 50 lbs, with a total unit capacity of 200 lbs when weight is evenly distributed.
- **Versatile Use:** Suitable for pantries, closets, garages, sheds, laundry rooms, and offices.

Tool-Free Assembly



Place Legs into Shelf



Attach Next Shelf



Legs are packed underneath the shelves for shipping. Please check before discarding packaging.

Optional Shelf Bracket —>

Image 1.1: The IRIS USA 4-Tier Plastic Storage Shelf in a garage environment, demonstrating its capacity for various items.

2. SETUP AND ASSEMBLY

The IRIS USA 4-Tier Plastic Storage Shelf is designed for tool-free assembly. Follow these steps to set up your shelving unit:

1. **Unpack Components:** Carefully remove all shelves and legs from the packaging. Ensure all parts are present. Legs are packed underneath the shelves for shipping; check thoroughly before discarding packaging.
2. **Assemble First Tier:** Place the first shelf on a flat, stable surface. Insert four leg pieces into the designated slots on the underside of the shelf. Ensure they are securely snapped into place.
3. **Add Subsequent Tiers:** Align the next shelf over the top of the installed leg pieces. Press down firmly until the shelf locks into place. Repeat this step for all remaining shelves.
4. **Final Check:** Once all tiers are assembled, gently rock the unit to ensure stability.



Image 2.1: Visual guide for the tool-free assembly process, illustrating how to connect shelves and legs.

Optional Stability Enhancement:

For increased stability, especially when storing heavier items or in high-traffic areas, wall mounting is recommended. Brackets are sold separately and hardware is not included.

1. Mark hole locations on the wall.
2. Drill pilot holes.
3. Insert wall anchors (5mm anchors/screws recommended).
4. Screw the bracket into the wall, securing the shelf unit.



Reliable Organization

These Heavy-Duty Shelves provide a perfect solution for garage organization! Mix and match for the perfect combo!

Home Gym

Garage

Shed

Basement

Image 2.2: Instructions for adding optional wall brackets to enhance shelf stability.

Your browser does not support the video tag.

Video 2.1: Official IRIS USA video demonstrating the assembly and features of the Ventilated Plastic Shelf Storage Unit.

3. OPERATING INSTRUCTIONS

The IRIS USA 4-Tier Plastic Storage Shelf is designed for general storage needs. To ensure safe and effective use, adhere to the following guidelines:

- **Weight Distribution:** Distribute weight evenly across each shelf. Avoid placing heavy items solely in the center of a shelf to prevent bowing.
- **Maximum Load:** Do not exceed 50 lbs per individual shelf or 200 lbs total for the entire unit.
- **Placement:** Position the shelving unit on a flat, level surface. Avoid direct sunlight exposure to prevent material degradation over time.
- **Ventilation:** The shelves are ventilated to prevent mold and mildew, making them suitable for damp environments like laundry rooms or basements.

Versatile Applications:

This shelving unit is adaptable for various storage requirements:

- **Home Use:** Ideal for organizing items in bathrooms, pantries, closets, and offices.
- **Utility Areas:** Perfect for garages, sheds, basements, and laundry rooms to store tools, cleaning supplies, and other utility items.

Everyday Usability

Our Light Duty Shelves are an attractive solution for all your light storage needs!

Office

Bathroom

Laundry

Pantry



Image 3.1: Examples of the shelving unit's everyday usability in various home settings like a bathroom, laundry room, and pantry.

Add Brackets for More Stability

Create a more secure storage for the Heavy Duty or Extra Heavy Duty shelves with optional support brackets.

1. Mark hole locations.
2. Drill pilot holes.
3. Insert wall anchors.
(5mm anchors/screws recommended)
4. Screw bracket into wall.

*Brackets sold separately. Hardware not included.



Image 3.2: The shelving unit providing reliable organization in utility spaces such as a garage, shed, and basement.

4. MAINTENANCE

Maintaining your IRIS USA Plastic Storage Shelf is simple and helps ensure its longevity:

- **Cleaning:** Wipe the shelves and legs with a damp cloth to remove dust and dirt. For more stubborn grime, a mild soap solution can be used.
- **Drying:** After cleaning with a damp cloth, wipe the unit with a dry cloth to prevent water spots and ensure thorough drying.
- **Inspection:** Periodically check the connections between the shelves and legs to ensure they remain secure.
- **Storage Conditions:** Avoid prolonged exposure to extreme temperatures or direct sunlight, which can affect the plastic material over time.

5. TROUBLESHOOTING

If you encounter any issues with your IRIS USA Plastic Storage Shelf, consider the following common solutions:

Shelf Instability:

- **Issue:** The shelf unit feels wobbly or unstable after assembly.
- **Solution:** Ensure all leg pieces are fully inserted and locked into their respective slots on each shelf. Verify the unit is placed on a flat, level surface. Consider using the optional wall-mount brackets for added stability (sold separately).

Shelf Bowing:

- **Issue:** A shelf appears to be bending or bowing under weight.
- **Solution:** This indicates uneven weight distribution or exceeding the maximum weight capacity. Redistribute items to ensure weight is spread evenly across the shelf, particularly closer to the vertical supports. Do not exceed 50 lbs per shelf.

Difficulty Assembling:

- **Issue:** Parts do not seem to fit together easily during assembly.
- **Solution:** Ensure you are using the correct orientation for the leg pieces (the narrower end typically goes into the top of the shelf below). Apply firm, even pressure to snap components into place. If parts are damaged, contact customer support for replacements.

6. SPECIFICATIONS

Universal Compatibility

Light Duty Shelf Size: 23.9" L x 11.8" D (60.7cm x 28cm)
Heavy Duty Shelf Size: 35.9" L x 17.9" D (91.19cm x 45.5cm)
Extra Heavy Shelf Size: 35.9" L x 23.9" D (91.19cm x 60.71cm)

*We recommend measuring your non-IRIS USA totes to ensure a perfect fit.



TrailBoxes 

Image 6.1: Dimensional overview of the Light Duty shelving units, including the 4-tier model.

Feature	Detail
Model Number	510024
Brand	IRIS USA
Material	Plastic
Color	Black
Number of Shelves	4
Product Dimensions (D x W x H)	12"D x 24"W x 48"H (23.88 x 11.75 x 48.25 inches)
Item Weight	7.7 pounds

Feature	Detail
Weight Capacity (per shelf)	50 pounds
Total Weight Capacity	200 pounds (evenly distributed)
Mounting Type	Freestanding or Wall Mount (brackets sold separately)
Special Features	Easy Assembly, Heavy Duty, Waterproof, Ventilated Shelves
UPC	762016497556

7. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in personal injury or property damage.

- Ensure the shelf is securely assembled before placing any items on it.
- Do not exceed the maximum weight limit of 50 lbs per shelf or 200 lbs total for the unit. Distribute weight evenly.
- For optimal stability, especially in areas with children or pets, or when storing heavy items, wall mounting is recommended. Wall mounting hardware is not included.
- Do not climb on or hang from the shelving unit.
- Avoid placing the unit in direct sunlight for extended periods, as this may weaken the plastic over time.
- Keep small children and pets away from the unit during assembly to prevent injury from falling parts.

8. WARRANTY AND SUPPORT

For any questions regarding your IRIS USA Plastic Storage Shelf, including assembly, missing parts, or product concerns, please contact IRIS USA customer support. While specific warranty details are not provided in this manual, IRIS USA is committed to customer satisfaction.

Please visit the official IRIS USA website or refer to your purchase documentation for the most current warranty information and contact details.

ASK A QUESTION ABOUT THIS MANUAL

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