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› SONGMICS 5-Tier Boltless Steel Storage Shelving Unit (Set of 2), 40x90x180cm, Grey, GLR040G02

SONGMICS GLR040G02

SONGMICS 5-Tier Boltless Steel Storage Shelving Unit (Set of 2)

Model: GLR040G02 | Brand: SONGMICS

INTRODUCTION

Thank you for choosing the SONGMICS 5-Tier Boltless Steel Storage Shelving Unit. This manual provides essential information for the safe and efficient assembly, operation, and maintenance of your new shelving system. Designed for durability and versatility, these units are ideal for organizing tools and equipment in garages, warehouses, basements, or utility rooms.

Please read these instructions carefully before assembly and retain them for future reference.

SAFETY INSTRUCTIONS

- Always wear protective gloves during assembly to prevent injuries from sharp edges.
- Ensure all components are present and undamaged before beginning assembly. Do not use damaged parts.
- Assemble the unit on a soft, clean surface to avoid scratching the components.
- Do not exceed the maximum load capacity of 175 kg per shelf or 875 kg total for the unit.
- Always use the provided anti-tipping kits to secure the shelving unit to a wall, especially in areas with children or pets, or if storing heavy items.
- Distribute weight evenly across shelves to maintain stability.
- Do not climb on the shelving unit.
- Keep small parts away from children to prevent choking hazards.

PACKAGE CONTENTS

Verify that all the following components are included in your package:

- Steel frame components (uprights, beams)
- MDF shelf panels (5 per unit, total 10 for a set of 2)
- Anti-tipping kits (for wall mounting)
- Foot pads (plastic protectors for the base)
- Assembly instructions (this manual)

If any parts are missing or damaged, please contact customer support.

SETUP AND ASSEMBLY

The SONGMICS shelving unit features a boltless, interlocking design for easy assembly. No screws are required for the main structure.

Step 1: Prepare Components

Unpack all components and lay them out on a clean, flat surface. Identify the uprights, long beams, short beams, and MDF panels.



Image: Close-up view of the interlocking metal components, showing how they connect without bolts.

Step 2: Assemble the Frame

Connect the uprights using the long and short beams. The beams slot into the keyholes on the uprights. Use a rubber mallet (not included) to gently tap the connections into place for a secure fit. Ensure all connections are fully engaged.



Image: Detailed view of the boltless assembly mechanism, illustrating how the metal parts interlock.

Step 3: Install Shelf Panels

Once the frame for a tier is assembled, place the MDF shelf panel onto the beams. Ensure it sits flush and securely within the frame.



Image: Illustrates the quality materials, including steel reinforcement bars and MDF panels, which enhance stability.

Step 4: Attach Anti-Tipping Kit

For maximum stability and safety, especially with heavy loads or in active environments, secure the shelving unit to a wall using the provided anti-tipping kit. Follow the specific instructions included with the kit for proper installation.



Image: Shows the anti-tipping kit securing the shelf to the wall and protective foot pads at the base.

Alternative Configuration: Workbench

Each shelving unit can be divided into two separate, shorter units, which can then be used as workbenches or smaller storage shelves. To do this, assemble the frame in two halves, each with its own set of uprights and shelves.



Image: Demonstrates the shelving unit reconfigured into two smaller, separate workbench-style units.

OPERATING INSTRUCTIONS

Adjusting Shelf Height

The shelves are adjustable in 5 cm increments. To adjust a shelf:

1. Empty the shelf of all items.
2. Carefully lift the MDF panel out.
3. Disengage the beams from the uprights by gently tapping them upwards with a rubber mallet.
4. Re-position the beams into the desired keyholes on the uprights, ensuring they are level.
5. Tap the beams down firmly to secure them.
6. Place the MDF panel back onto the beams.



Image: Illustrates the adjustable shelf height mechanism, showing the keyholes on the uprights for flexible positioning.

Loading the Shelves

When loading items onto the shelves, distribute the weight as evenly as possible. Place heavier items on lower shelves to enhance stability. Do not overload individual shelves or the entire unit beyond their specified weight capacities.

MAINTENANCE

- **Cleaning:** Wipe the steel frames and MDF panels with a dry cloth. Avoid using abrasive cleaners or harsh chemicals that could damage the finish.
- **Inspection:** Periodically check all connections to ensure they remain secure. Re-tap any loose connections with a rubber mallet.
- **Stability:** Regularly verify that the anti-tipping kit is still firmly attached to both the wall and the shelving unit.
- **Environment:** Store the shelving unit in a dry environment to prevent moisture damage to the MDF panels.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Shelving unit is wobbly or unstable.	Connections not fully engaged; uneven load distribution; anti-tipping kit not installed or loose.	Ensure all beams are fully tapped into the uprights. Redistribute items evenly. Install or re-secure the anti-tipping kit.
Difficulty assembling components.	Components not aligned correctly; insufficient force during assembly.	Verify correct orientation of parts. Use a rubber mallet to gently tap connections into place. Do not force if misaligned.
Shelf panels do not sit flush.	Beams not level or fully engaged.	Check that all four beams supporting the panel are at the same height and fully secured.

SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	GLR040G02
Dimensions (L x W x H)	40 x 90 x 180 cm (per unit)
Weight	13.2 kg (per unit)
Material	Steel frame, MDF panels
Number of Shelves	5 (per unit)
Max Load Capacity per Shelf	175 kg
Total Max Load Capacity	875 kg (per unit)
Shelf Adjustment	Every 5 cm
Color	Grey
Special Features	Boltless assembly, dividable into two workbenches, anti-tipping kit included.



Image: Dimensional diagram of the shelving unit (180 cm H x 90 cm W x 40 cm D) with an indication of 175 kg load capacity per shelf.

WARRANTY AND SUPPORT

For any questions, missing parts, or issues with your SONGMICS shelving unit, please contact our customer support team. Refer to your purchase documentation for specific warranty details.

You can also visit the official SONGMICS store on Amazon for more information and support: [SONGMICS Store](#)

A detailed PDF instruction manual is also available for download: [Download PDF Manual](#)

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