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› [SONGMICS GLR056E03 4-Tier Corner Heavy Duty Steel Storage Shelving Unit User Manual](#)

SONGMICS GLR056E03

SONGMICS GLR056E03 4-Tier Corner Heavy Duty Steel Storage Shelving Unit User Manual

Model: GLR056E03 | Brand: SONGMICS

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your SONGMICS GLR056E03 4-Tier Corner Heavy Duty Steel Storage Shelving Unit. Please read this manual thoroughly before assembly and use to ensure safe and efficient operation. Keep this manual for future reference.



Image 1.1: Fully assembled SONGMICS GLR056E03 4-Tier Corner Heavy Duty Steel Storage Shelving Unit, showcasing its L-shape design and four levels of storage.

2. SAFETY INFORMATION

Adhere to the following safety guidelines to prevent injury or damage to the product:

- **Read All Instructions:** Before assembly and use, carefully read and understand all instructions.
- **Weight Capacity:** Do not exceed the maximum load capacity of 125 kg per shelf. The total maximum weight capacity for the entire unit is 1500 kg. Distribute weight evenly across shelves.
- **Wall Anchoring:** For enhanced stability and safety, especially in areas with children or pets, it is highly recommended to anchor the shelving unit to a wall using appropriate hardware (not included).
- **Stable Surface:** Assemble and place the unit on a flat, level, and stable surface.
- **Assembly Personnel:** Assembly may require two people for ease and safety.
- **Sharp Edges:** Exercise caution during assembly as some metal components may have sharp edges. Wear protective gloves if necessary.
- **Moisture Protection:** The MDF shelves are susceptible to moisture damage. Avoid placing the unit in damp environments or exposing shelves to liquids.
- **Children and Pets:** Keep children and pets away from the assembly area. Do not allow children to climb on the shelving unit.

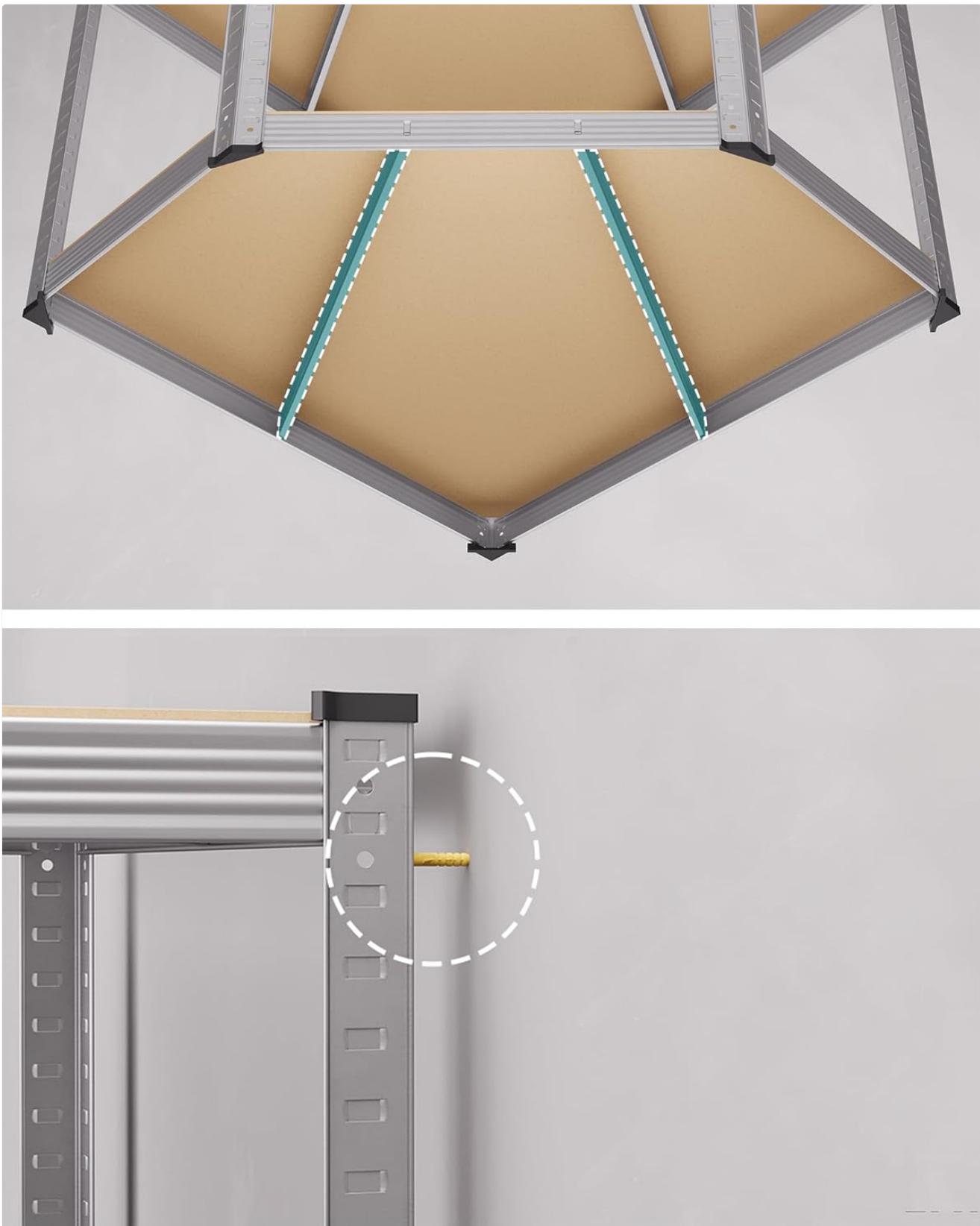


Image 2.1: Detail showing the reinforced crossbars for shelf stability and a pre-drilled hole for optional wall anchoring. Wall anchoring hardware is not included.

3. PACKAGE CONTENTS

Verify that all components are present before beginning assembly. If any parts are missing or damaged, contact customer support.

- Steel uprights and crossbars (powder-coated metal)
- MDF shelves (4 corner, 2 rectangular for each side unit, total 8 rectangular for the two side units)

- Plastic feet protectors
- Assembly instructions manual
- (Note: Wall anchoring hardware is not included and must be purchased separately if desired.)

4. SETUP AND ASSEMBLY INSTRUCTIONS

The SONGMICS GLR056E03 features a boltless, interlocking design for straightforward assembly. It is recommended to assemble the unit in the desired location.

1. **Prepare the Area:** Clear a spacious, level area for assembly. Lay out all components and identify them using the parts list (if provided in the physical manual).
2. **Assemble Uprights:** Connect the vertical steel uprights by interlocking the sections. Ensure all connections are secure.
3. **Install Crossbars:** Attach the horizontal crossbars to the uprights at the desired shelf heights. The interlocking mechanism allows for height adjustments in 5 cm increments. Ensure the reinforced crossbars are used for the corner shelves.
4. **Place Shelves:** Carefully place the MDF shelves onto the installed crossbars. Ensure they sit flush and are stable.
5. **Attach Feet Protectors:** Install the plastic feet protectors on the bottom of the uprights to protect your floor.
6. **Wall Anchoring (Optional but Recommended):** If desired, use appropriate wall anchoring hardware (not included) to secure the unit to a wall through the designated holes in the uprights. This significantly enhances stability.



Image 4.1: Illustration of the adjustable shelf height feature, allowing customization in 5 cm intervals to accommodate various item sizes.

5. OPERATING INSTRUCTIONS (USAGE)

This shelving unit is designed for heavy-duty storage in garages, warehouses, workshops, or other storage spaces.

- **Loading Items:** Place items on the shelves, ensuring weight is distributed evenly. Avoid concentrating heavy loads in one small area.
- **Weight Limits:** Do not exceed 125 kg per individual shelf. The total unit capacity is 1500 kg.

- **Corner Space Utilization:** The L-shape design is specifically engineered to maximize storage in corner areas.
- **Adjusting Shelf Height:** To adjust shelf height, carefully unload the shelf, disassemble the crossbars from the uprights, reposition them to the desired height (in 5 cm increments), and re-secure.
- **Dividable Configuration:** The unit can be separated into two smaller, independent shelving units or workbenches. To do this, carefully separate the corner section from the two rectangular sections. Each section can then be used individually.



Image 5.1: The shelving unit effectively storing multiple heavy kettlebells, illustrating its robust construction and high load capacity.



Image 5.2: The shelving unit reconfigured into two separate, lower workbenches, demonstrating its versatile, dividable design.

6. MAINTENANCE

Regular maintenance ensures the longevity and safety of your shelving unit.

- **Cleaning:** Wipe down metal parts with a soft, damp cloth. Avoid abrasive cleaners. For MDF shelves, use a dry or slightly damp cloth and dry immediately to prevent swelling.
- **Inspection:** Periodically check all connections and interlocking mechanisms to ensure they remain secure. Tighten if necessary (though this is a boltless system, ensure components are fully seated).

- **Moisture:** Protect MDF shelves from direct contact with water or high humidity to prevent warping or damage.
- **Relocation:** If moving the unit, unload all items first to prevent structural stress or collapse.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit feels unstable or wobbly.	Not assembled correctly; uneven floor; not wall-anchored.	Ensure all interlocking connections are fully seated. Move to a level surface. Consider wall anchoring for added stability.
Shelf sags or bows.	Overloaded shelf; weight not evenly distributed.	Reduce weight on the shelf. Redistribute items to ensure even loading and do not exceed 125 kg per shelf.
Difficulty assembling components.	Components not aligned correctly; burrs on metal.	Ensure components are aligned precisely before attempting to interlock. A rubber mallet (not included) can assist in seating parts. Check for any manufacturing imperfections.
MDF shelves show signs of swelling or damage.	Exposure to moisture or liquids.	Avoid placing the unit in damp environments. Immediately wipe up any spills on the shelves. Replace damaged shelves if necessary.

8. SPECIFICATIONS

- **Model Number:** GLR056E03
- **Brand:** SONGMICS
- **Color:** Silver + Natural Beige
- **Material:** Powder-coated Steel Frame, MDF Shelves
- **Overall Dimensions (L x W x H):** Approximately 160 cm x 160 cm x 160 cm (L-shape configuration)
- **Item Weight:** 14.5 kg
- **Number of Shelves:** 4 per section (total 4 levels in corner configuration)
- **Shelf Load Capacity:** 125 kg per individual shelf
- **Total Maximum Weight Capacity:** 1500 kg (for the entire unit)
- **Adjustable Shelf Height:** Yes, in 5 cm increments
- **Features:** Adjustable, Heavy-duty, Dividable Design, Corner Maximization
- **Mounting Type:** Freestanding (Wall mount recommended for stability)
- **Country of Origin:** China

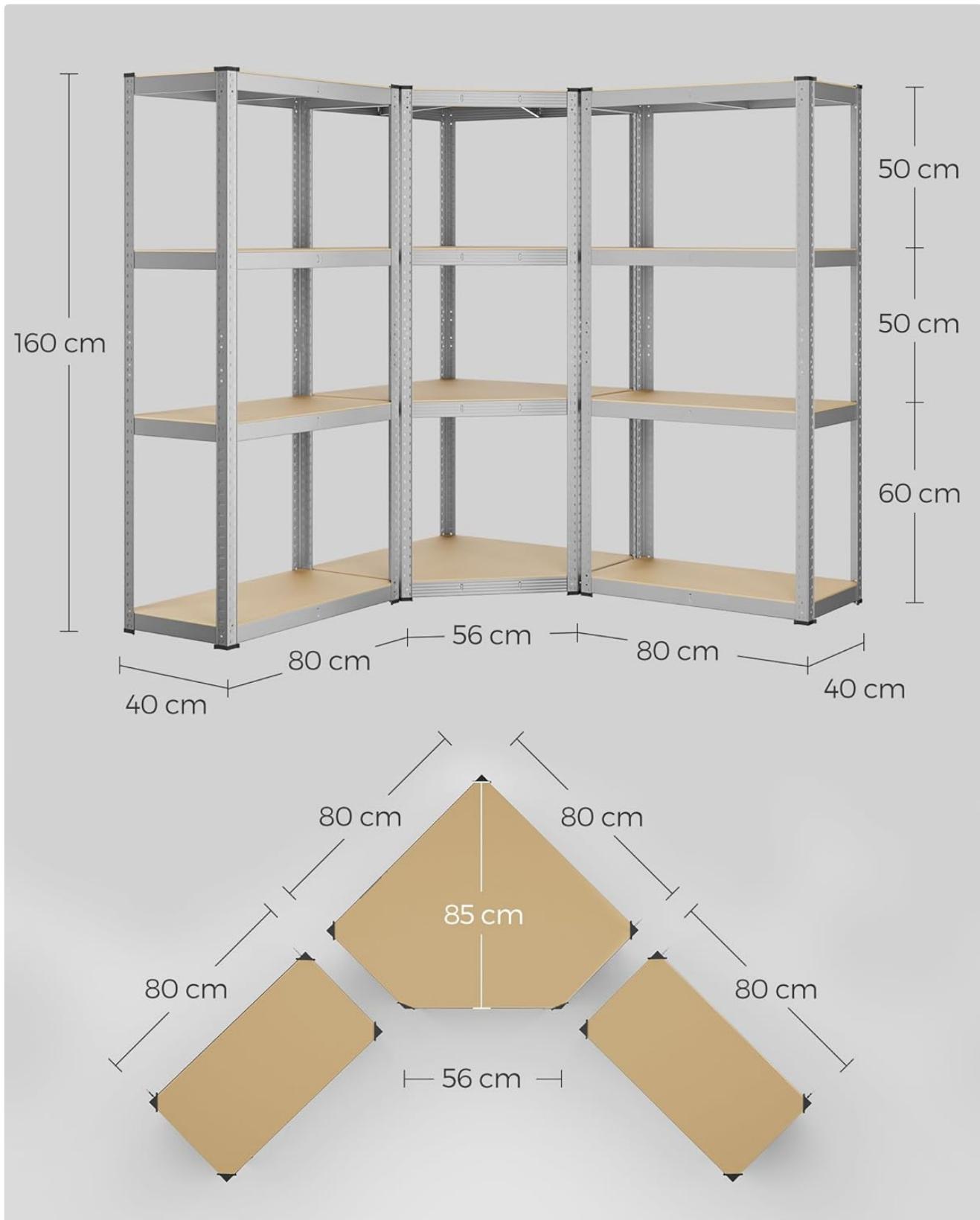


Image 8.1: Dimensional diagram of the shelving unit, indicating overall height of 160 cm and various segment lengths for the L-shaped configuration.



Image 8.2: Visual representation of the corner shelf's area, highlighting its efficient use of space, approximately 0.56 square meters.

9. WARRANTY AND SUPPORT

For warranty information, spare parts availability, or customer support, please refer to the contact details provided with your purchase documentation or visit the official SONGMICS website. Information regarding spare parts availability is not provided in the product specifications.

You can visit the [SONGMICS Brand Store](#) for more products and information.

Related Documents - GLR056E03

 GLR040	<p>SONGMICS GLR040 Storage Shelving Unit Assembly Instructions</p> <p>A comprehensive guide for assembling the SONGMICS GLR040 storage shelving unit, covering general guidelines, safety precautions, parts identification, and detailed step-by-step assembly instructions.</p>
 GLR040	<p>SONGMICS GLR040 5-Tier Storage Shelving Unit - Assembly Instructions and Guide</p> <p>Comprehensive assembly instructions and user guide for the SONGMICS GLR040 5-tier storage shelving unit. Learn how to safely assemble and use your new shelving unit, including parts list, tools required, and step-by-step assembly.</p>
 LGR105	<p>SONGMICS LGR105 5-Tier Wire Storage Rack Assembly Instructions</p> <p>Detailed assembly instructions for the SONGMICS LGR105 5-tier wire storage rack. Learn how to assemble your shelving unit safely and efficiently.</p>
 GLR040	<p>SONGMICS GLR040 5-Tier Shelving Unit Assembly Instructions</p> <p>Detailed assembly instructions for the SONGMICS GLR040 5-tier shelving unit. Learn how to safely and correctly assemble your shelving unit with clear steps and important safety guidelines.</p>
 GLR050	<p>SONGMICS GLR050 Shelving Unit Assembly Instructions</p> <p>This document provides comprehensive assembly instructions and safety guidelines for the SONGMICS GLR050 shelving unit, ensuring proper setup and usage for optimal storage.</p>



[SONGMICS HSR04 Hallway Coat Rack Assembly Instructions](#)

Detailed assembly guide for the SONGMICS HSR04 hallway coat rack, including a parts list, step-by-step instructions, and safety precautions. Ensure correct assembly for stability and safety.