**JOYROOM ZS502**

# JOYROOM MagSafe Car Mount Charger Instruction Manual

Model: ZS502

## 1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your JOYROOM MagSafe Car Mount Charger (Model ZS502). This device offers 15W fast wireless charging and secure mounting options for your smartphone in a vehicle.

## 2. Package Contents

- JOYROOM MagSafe Wireless Car Charger Unit
- Air Vent Mount with Dual-Clip Grip
- Dashboard/Flat Surface Mount with 3M Adhesive
- USB-A to USB-C Charging Cable
- User Manual




Image: JOYROOM MagSafe Car Mount Charger with its components, including the main charging unit, air vent clip, and dashboard mount.

## 3. Setup and Installation

The JOYROOM MagSafe Car Mount Charger offers two primary installation methods: air vent mounting and dashboard/flat surface mounting.

### 3.1 Air Vent Installation

1. **Attach the Air Vent Mount:** Securely connect the air vent mount to the back of the MagSafe charging unit. Ensure it clicks into place or is tightened properly.
2. **Select Vent Location:** Choose a suitable air vent in your vehicle. The dual-clip grip is designed for both horizontal and vertical vent blades.
3. **Secure to Vent:** Insert the dual-clip grip firmly onto the chosen air vent blade(s). The upgraded metal dual-clip mechanism provides enhanced stability. Rotate the lock to secure the mount in position.

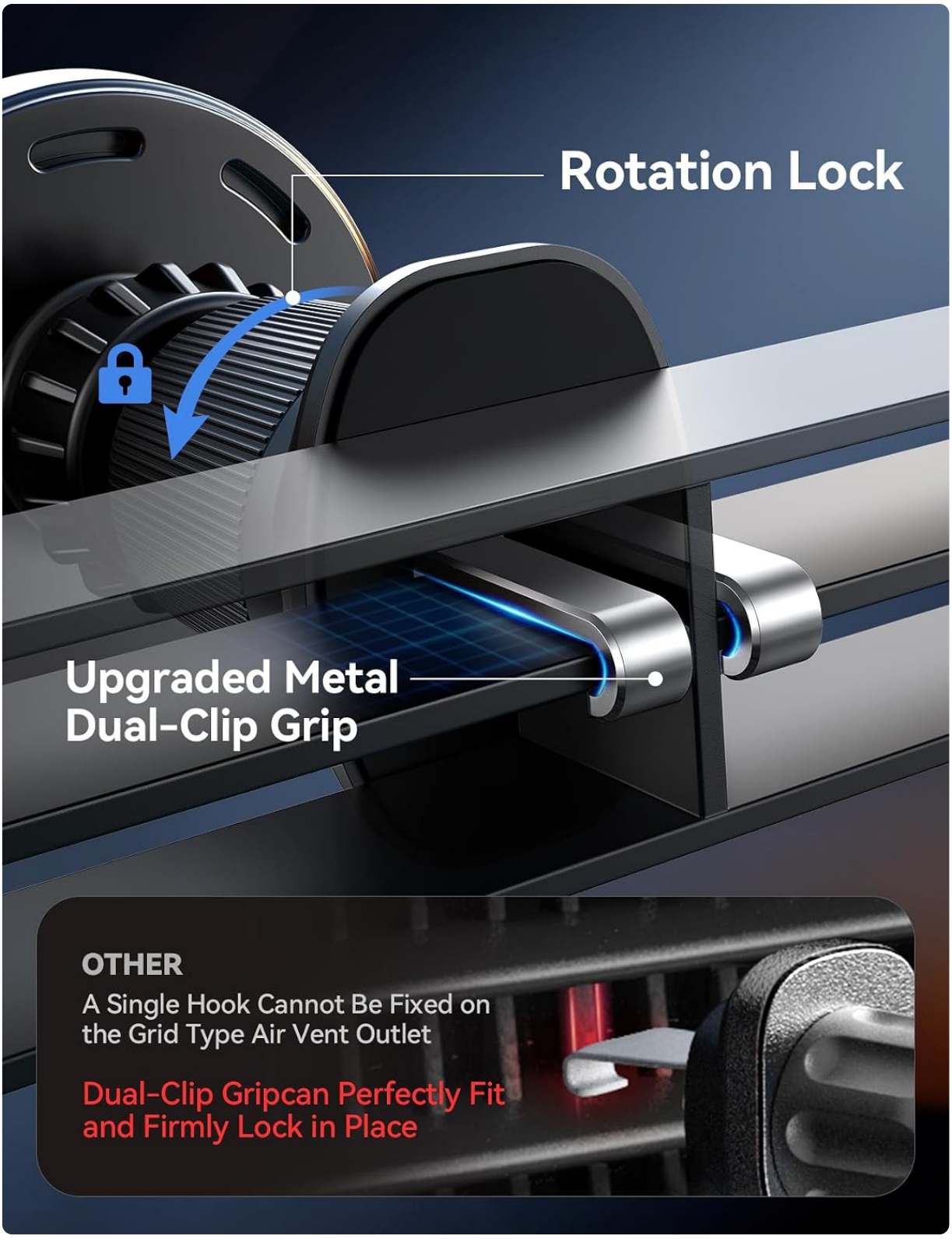



Image: Detailed view of the upgraded metal dual-clip grip mechanism designed for secure attachment to car air vents, showing the rotation lock.

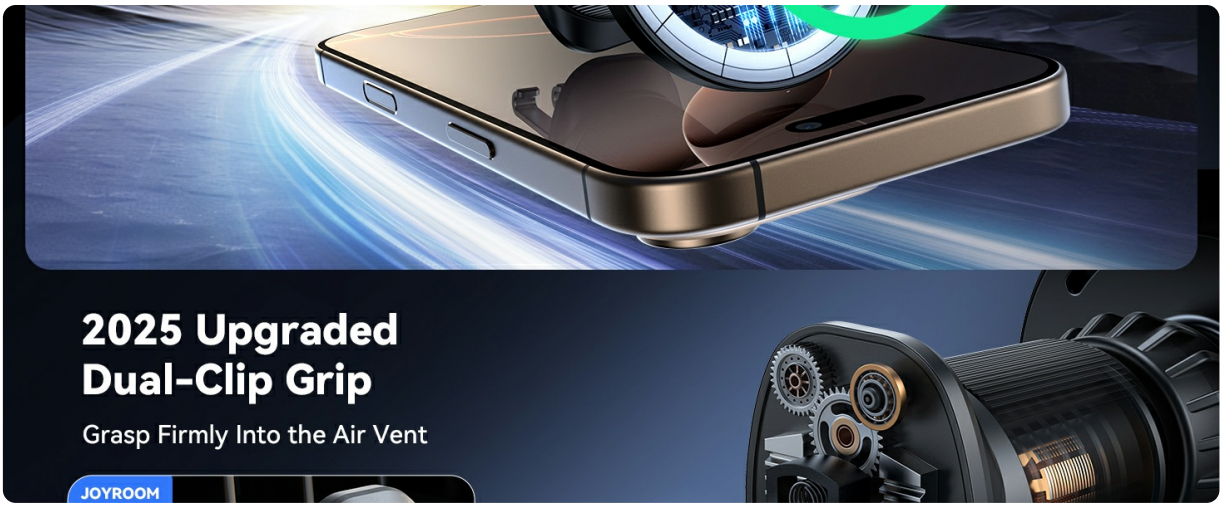



Image: Illustration demonstrating the secure fit of the dual-clip grip on various air vent types, highlighting its stability compared to single-hook designs.

### 3.2 Dashboard/Flat Surface Installation

1. **Attach the Dashboard Mount:** Connect the dashboard mount to the back of the MagSafe charging unit.
2. **Clean Surface:** Choose a clean, flat, and smooth surface on your dashboard or console. Ensure the surface is free of dust, grease, and moisture.
3. **Apply Mount:** Remove the protective film from the 3M adhesive on the base of the dashboard mount. Press the mount firmly onto the chosen surface for at least 30 seconds. Allow the adhesive to cure for 24 hours before attaching your phone for optimal adhesion.




Image: The JOYROOM MagSafe car mount charger shown installed on both an air vent and a dashboard, illustrating its dual mounting versatility.




Image: Diagram highlighting the N55 strong magnets for phone attachment and the newly upgraded 3M adhesive for secure dashboard mounting.

### 3.3 Power Connection

1. **Connect USB Cable:** Insert the USB-C end of the provided charging cable into the port on the MagSafe charging unit.
2. **Connect to Power Source:** Connect the USB-A end of the cable to a QC3.0+ certified car charger (minimum 18W recommended). Standard vehicle USB ports often provide insufficient current for 15W fast charging.

## 4. Operating Instructions

### 4.1 Attaching Your Phone

- Ensure your phone is MagSafe compatible (iPhone 12/13/14/15/16 series) or has a MagSafe-compatible case.
- For non-MagSafe phones or cases, a metal ring (not included) is required for magnetic attachment.
- Simply bring your phone close to the charging unit. The strong built-in magnets will automatically align and secure your phone in place.




Image: Visual guide illustrating MagSafe compatibility for iPhone 12-16 series and the requirement of a metal ring for Android or older iPhone models.

### 4.2 Wireless Charging

- Once your phone is securely attached and the charger is powered, wireless charging will begin automatically.
- The charger delivers up to 15W of fast wireless charging for compatible devices.




Image: The JOYROOM MagSafe charger actively charging a smartphone, with an overlay indicating 15W super fast wireless charging.

### 4.3 Adjusting Viewing Angle

- The charging unit features a 360° spherical rotation axis.
- Gently adjust the angle of your phone to achieve the optimal viewing position for navigation or hands-free calls.

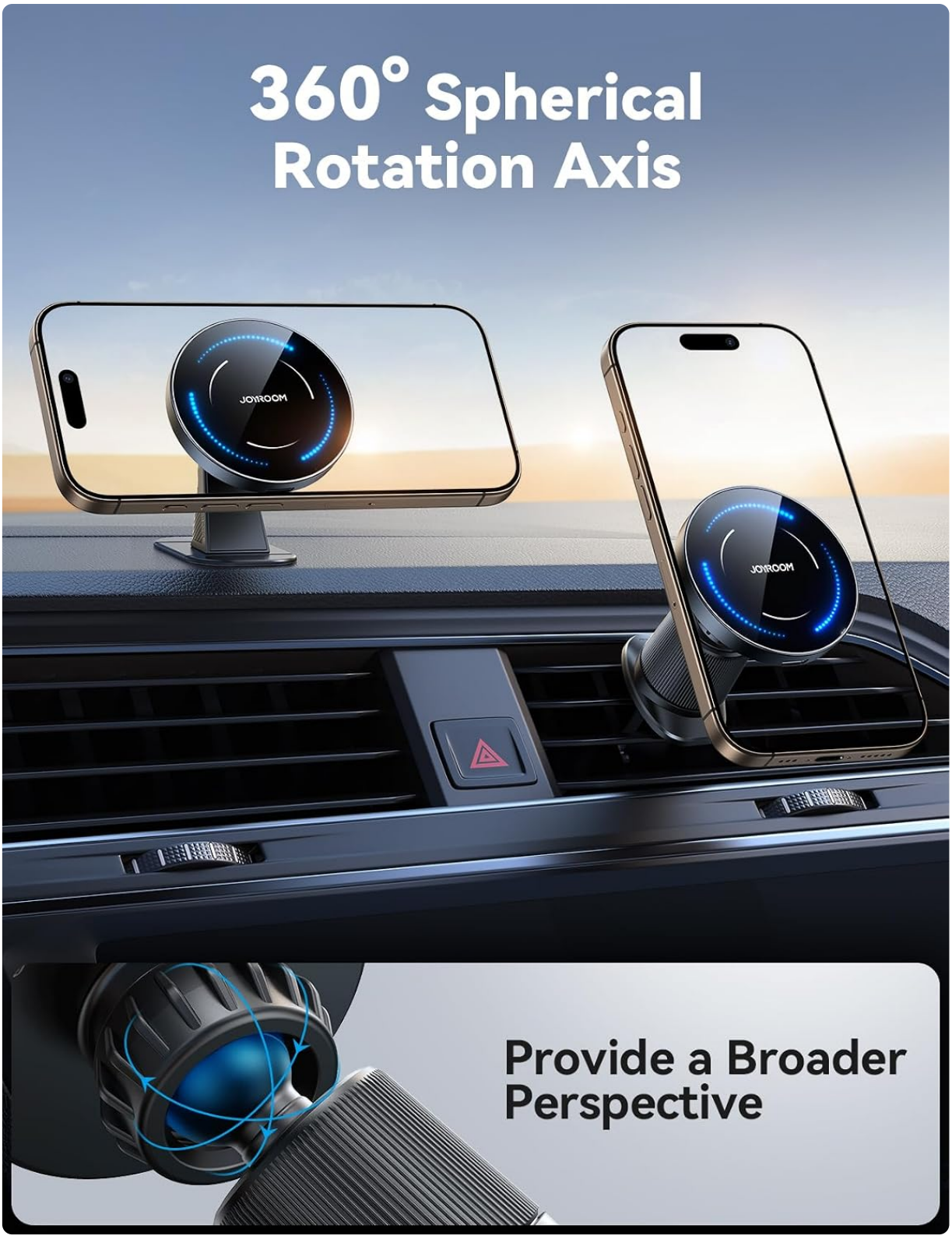



Image: The MagSafe charger illustrating its 360° spherical rotation axis, allowing for flexible adjustment of the phone's viewing angle.

## 5. Maintenance

- Keep the charger and mounts clean by wiping them with a soft, dry cloth.
- Avoid using harsh chemicals or abrasive cleaners.
- Ensure the magnetic surface is free of debris to maintain optimal magnetic hold and charging efficiency.
- Periodically check the tightness of the air vent clip or the adhesion of the dashboard mount.

## 6. Troubleshooting

- **Phone not charging:**
  - Ensure the charger is properly connected to a QC3.0+ (18W minimum) car charger.
  - Verify your phone is correctly aligned on the magnetic charging surface.
  - Check if your phone case is MagSafe compatible or if a metal ring is properly installed for non-MagSafe devices. Thick cases may interfere with charging.
- **Mount is unstable:**
  - For air vent mounts, ensure the dual-clip grip is fully engaged with the vent blades and the rotation lock is tightened.
  - For dashboard mounts, ensure the surface was clean and dry before installation, and allow 24 hours for the 3M adhesive to cure. Reapply if necessary.
- **Phone gets hot during charging:**
  - It is normal for phones to warm up during wireless charging.
  - Avoid direct sunlight exposure to the phone and charger, especially during long charging sessions, as this can exacerbate heat buildup.

## 7. Specifications

| | |
|---|---|
| **Model Number** | ZS502 |
| **Brand** | JOYROOM |
| **Wireless Charging Output** | 15W (Max) |
| **Input Connector Type** | USB Type-C |
| **Recommended Power Source** | QC3.0+ Car Charger (18W minimum) |
| **Magnetic Strength** | 24 x N55 Magnets |
| **Rotation** | 360° Spherical Rotation Axis |
| **Mounting Options** | Air Vent (Dual-Clip Grip), Dashboard/Flat Surface (3M Adhesive) |
| **Compatible Devices** | iPhone 16/15/14/13/12 series (MagSafe compatible), other phones with MagSafe case or metal ring |
| **Item Weight** | 5.3 ounces |
| **Package Dimensions** | 4.72 x 4.09 x 1.54 inches |

## 8. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact JOYROOM customer service directly through their official website or the retailer where the product was purchased.

Please have your model number (ZS502) and purchase details ready.