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Quad Lock QLH-MAG-WCH2-GIM

Quad Lock MAG Wireless Charging Head V2 User Manual

This manual provides instructions for the installation, operation, maintenance, and troubleshooting of the Quad Lock MAG Wireless Charging Head V2, compatible with Quad Lock Car and Desk Mounts, and Quad Lock 360 systems.

1. PRODUCT OVERVIEW

The Quad Lock MAG Wireless Charging Head V2 is designed to provide convenient wireless charging for compatible smartphones when used with Quad Lock Car and Desk Mounts, and Quad Lock 360 systems. It features a robust construction and advanced charging capabilities.

Key Features:

- **Durable Construction:** Glass-filled nylon front housing and anodized aluminum rear housing.
- **Advanced Protection:** Includes thermal protection to prevent overheating and foreign object detection for safe operation.
- **Secure Magnetic Attachment:** Utilizes black zinc-coated stainless steel screws and 2mm thick Neodymium 52H nickel-plated magnets for a strong hold.
- **Versatile Charging Output:** Supports 5W, 7.5W, 10W, and 15W fast charging, with iPhone devices charging up to 7.5W.
- **Power Input:** Requires 5V-3A, 9V-2A, or 12V-1.5A input.



Image: The Quad Lock MAG Wireless Charging Head V2, showing its compact design and magnetic interface.

2. WHAT'S INCLUDED

The package contains the following item:

- Quad Lock MAG Wireless Charging Head

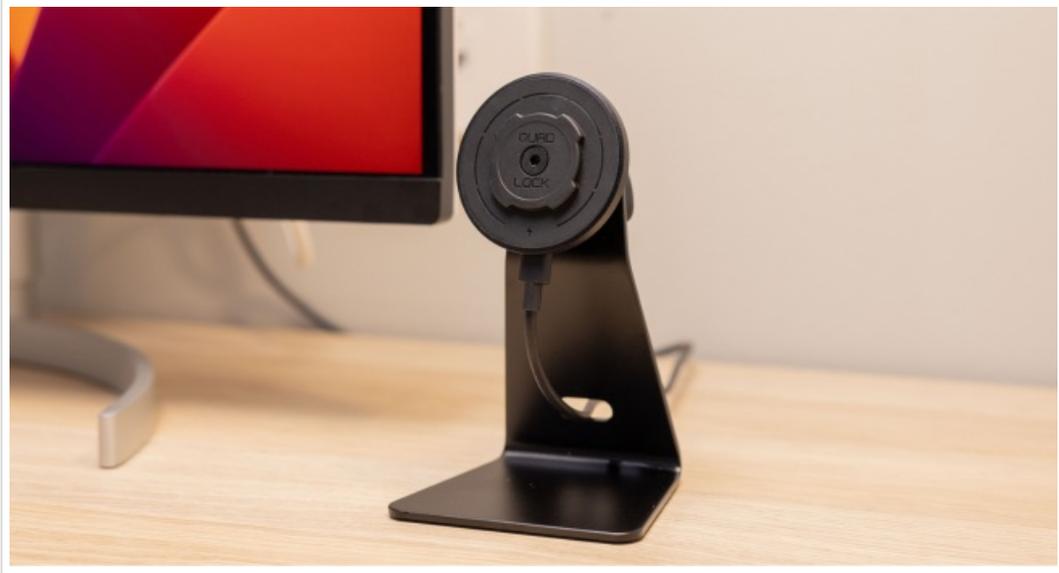


Image: An illustration of the components included in the package, primarily the wireless charging head and its cable.

3. SETUP INSTRUCTIONS

The Quad Lock MAG Wireless Charging Head V2 is designed to integrate seamlessly with existing Quad Lock Car and Desk Mounts, as well as Quad Lock 360 systems. Ensure you have a compatible Quad Lock mount before proceeding.

1. **Prepare Your Mount:** Ensure your Quad Lock Car Mount, Desk Mount, or Quad Lock 360 system is securely installed according to its specific instructions.
2. **Attach the Charging Head:** Align the Quad Lock MAG Wireless Charging Head V2 with the Quad Lock interface on your chosen mount. Press down and twist until it locks securely into place. You should hear a click indicating it is properly engaged.
3. **Connect Power:** Connect the USB cable from the charging head to a suitable power source. For optimal performance, use a power adapter that meets the input specifications (5V-3A, 9V-2A, or 12V-1.5A).
4. **Verify Connection:** Once connected, a small LED indicator on the charging head may illuminate, indicating it is receiving power and ready for use.



Image: A Quad Lock MAG Wireless Charging Head V2 mounted on a desk stand, ready to charge a smartphone.



Image: The Quad Lock MAG Wireless Charging Head V2 installed on a car dashboard vent mount, showing its integration into a vehicle interior.

4. OPERATING INSTRUCTIONS

Using the Quad Lock MAG Wireless Charging Head V2 is straightforward once installed.

1. **Attach Your Phone:** Ensure your smartphone is equipped with a compatible Quad Lock MAG Case or Universal Adaptor. Bring your phone close to the charging head. The powerful magnets will automatically align and secure your phone to the charging head.
2. **Begin Charging:** Once your phone is securely attached, wireless charging will commence automatically. The charging head supports various fast charging outputs (5W, 7.5W, 10W, 15W) depending on your phone's capabilities and the power source.
3. **Remove Your Phone:** To remove your phone, simply pull it away from the magnetic charging head. The strong magnetic connection ensures your phone remains secure during use but allows for easy detachment.

Important Notes:

- For optimal charging speed, ensure your power source and cable support the required input (e.g., a 12V car adapter or a compatible wall charger).
- The charging head features foreign object detection. If a metal object is placed between the phone and the charger, charging may not initiate or may stop to prevent damage.
- Thermal protection is integrated to prevent overheating during charging.



Image: A hand attaching a smartphone with a Quad Lock case to the MAG Wireless Charging Head V2, demonstrating the magnetic attachment.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Quad Lock MAG Wireless Charging Head V2, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry, or slightly damp cloth to wipe the surface of the charging head. Avoid using harsh chemicals, abrasive cleaners, or excessive moisture.

- **Inspect Connections:** Periodically check the USB cable and its connection points for any signs of wear or damage. Replace if necessary.
- **Storage:** When not in use for extended periods, store the charging head in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Obstructions:** Ensure no foreign objects are routinely placed on or near the charging surface, as this can interfere with charging and potentially damage the unit.

6. TROUBLESHOOTING

If you encounter issues with your Quad Lock MAG Wireless Charging Head V2, refer to the following common solutions:

Problem	Possible Cause	Solution
Phone not charging	<ul style="list-style-type: none"> • Improper phone alignment • Foreign object detected • Insufficient power supply • Phone case interference • Incompatible phone 	<ul style="list-style-type: none"> • Ensure phone is centered on the charging head. • Remove any metal objects or cards between the phone and charger. • Verify the power adapter and cable meet the required input specifications (5V-3A, 9V-2A, 12V-1.5A). • Ensure your phone case is a compatible Quad Lock MAG Case or Universal Adaptor. • Confirm your phone supports Qi wireless charging.
Slow charging	<ul style="list-style-type: none"> • Low power input • Background apps on phone • Phone temperature 	<ul style="list-style-type: none"> • Use a power adapter that provides sufficient wattage (e.g., 15W compatible). • Close unnecessary background applications on your phone. • Ensure the phone and charger are not in an excessively hot environment.
Charging head overheating	<ul style="list-style-type: none"> • Environmental factors • Foreign object interference 	<ul style="list-style-type: none"> • Ensure adequate ventilation around the charging head. • Remove any foreign objects. The unit has built-in thermal protection and will reduce power or stop charging if it gets too hot.

7. SPECIFICATIONS

Detailed technical specifications for the Quad Lock MAG Wireless Charging Head V2:

Feature	Detail
Model Number	QLH-MAG-WCH2-GIM

Feature	Detail
Dimensions (Package)	4.45 x 2.6 x 1.42 inches
Item Weight	4.6 ounces
Housing Material	Glass filled nylon (front), Anodized aluminum (rear)
Magnets	2mm thick Neodymium 52H nickel plated magnets
Safety Features	Thermal protection, Foreign object detection
Output	5W, 7.5W, 10W, 15W (iPhone up to 7.5W)
Input	5V-3A, 9V-2A, 12V-1.5A
Input Voltage	12 Volts
Amperage	3 Amps
Total USB Ports	1 (for power input)
Compatible Devices	Cellular Phones with Qi wireless charging support
Included Components	Quad Lock MAG Wireless Charging Head

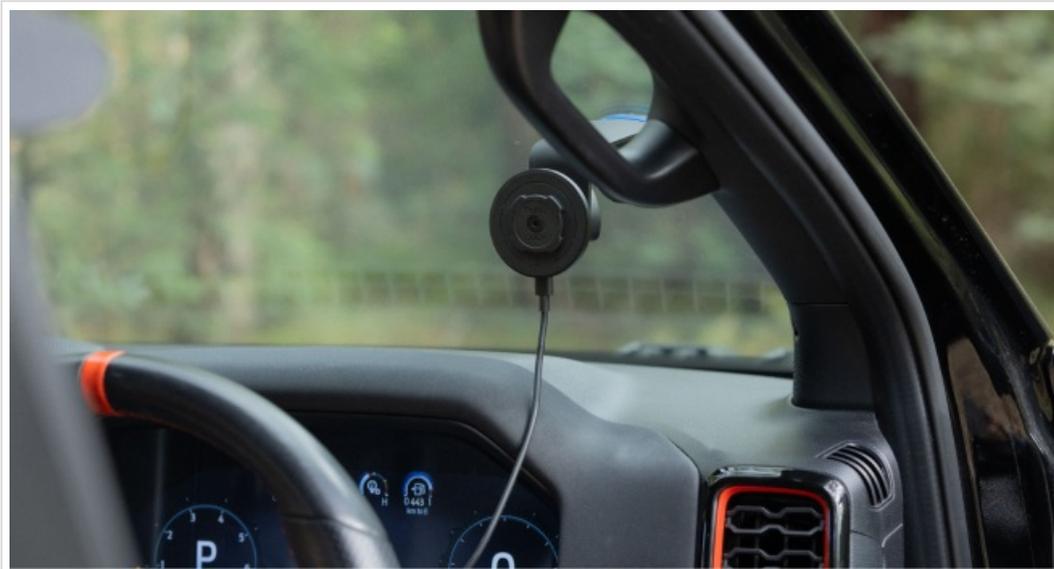


Image: A visual representation of the technical specifications for the charging head.

8. WARRANTY AND SUPPORT

Quad Lock products are designed for durability and performance. For specific warranty information, please refer to the official Quad Lock website or the warranty card included with your purchase.

If you require technical assistance or have questions regarding your Quad Lock MAG Wireless Charging Head V2, please visit the official Quad Lock support page or contact their customer service directly. Contact information can typically be found on the manufacturer's website or product packaging.

Manufacturer: Quad Lock

Website: www.quadlockcase.com

