CHGeek M12

CHGeek M12 15W Wireless Car Charger Instruction Manual

Model: M12

1. Introduction

Thank you for choosing the CHGeek M12 15W Wireless Car Charger. This device combines a wireless charger and a car phone holder, designed to provide convenient and safe phone usage while driving. It features automatic clamping, fast wireless charging, and multiple mounting options.

2. Product Overview

The CHGeek M12 offers a seamless experience with its intelligent features:

- **15W Qi Fast Wireless Charging:** Supports various charging speeds up to 15W Max for compatible devices. A QC 3.0 Car Charger Adapter (not included) is required for fast charging.
- **Intelligent Identification & Smart Charging:** Automatically clamps your phone upon connection and intelligently powers off when the battery is full to protect your device.
- **Foreign Object Detection (FOD) with LED Alarm:** Stops charging and flashes a red light if metal objects are detected between the charger and your phone, preventing overheating.
- **Case Friendly Design:** Charges through phone cases up to 6mm thick.
- **Flexible Angle Adjustment:** Features a 360° rotating sphere and retractable/foldable bracket for optimal viewing.

3. Package Contents

Ensure all items are present in the package:

- CHGeek M12 Wireless Car Charger Unit
- USB-C Charging Cable
- Dashboard/Windshield Suction Cup Mount
- Air Vent Clip Mount
- User Manual

4. Setup Instructions

The CHGeek M12 offers versatile mounting options for your convenience.

4.1 Choosing a Mounting Location

You can mount the charger on your dashboard, windshield, or air vent.

Image: The CHGeek M12 Wireless Car Charger shown installed on a car dashboard, windshield, and air vent, demonstrating its versatile mounting options.

4.2 Suction Cup Mount (Dashboard/Windshield)

1. Clean the desired surface (dashboard or windshield) thoroughly to ensure it is free of dust and grease.
2. Attach the suction cup mount to the main charger unit.
3. Remove the protective film from the suction cup.
4. Press the suction cup firmly onto the clean surface and push down the latch to secure it.
5. Adjust the arm and charger head to your preferred viewing angle.

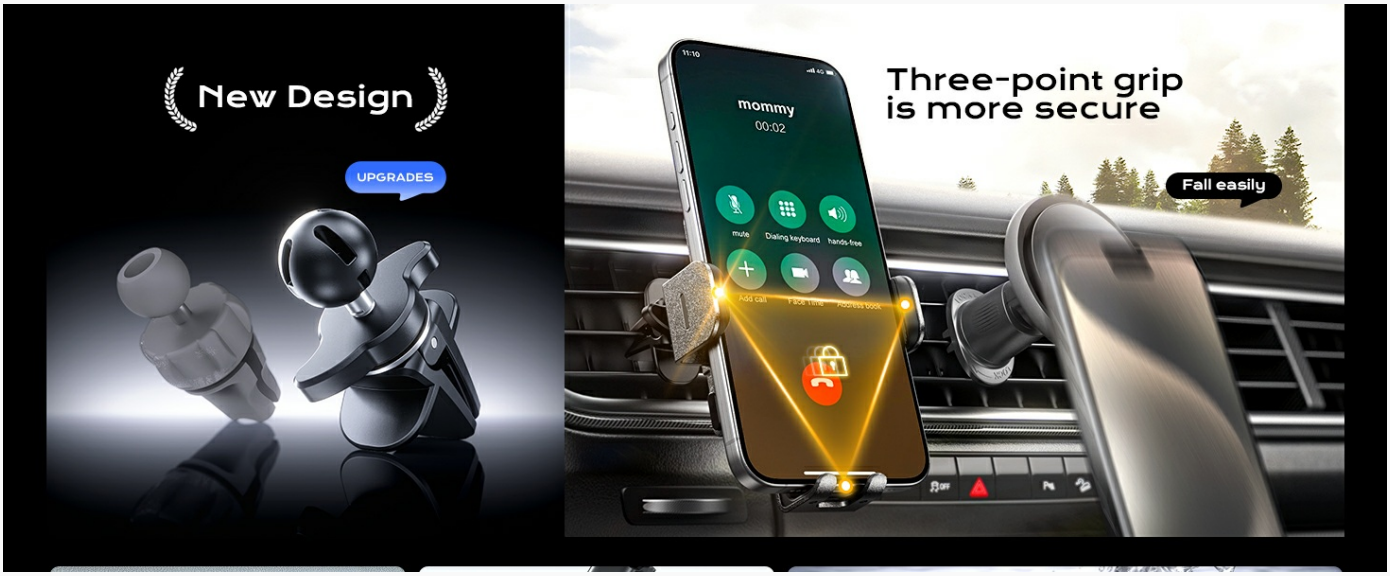

Image: A four-panel image illustrating the steps to install the suction cup mount: pulling up the latch, removing the sticker, pressing the suction cup, and securing the lock. A separate image shows the suction cup being washed, indicating reusability.

4.3 Air Vent Clip Mount

1. Attach the air vent clip mount to the main charger unit.
2. Carefully insert the clip into a suitable air vent slat in your vehicle.
3. Ensure the clip is securely fastened to prevent movement.
4. Adjust the charger head to your preferred viewing angle.

4.4 Power Connection

Connect the provided USB-C charging cable to the charger unit and plug the other end into a QC 3.0 compatible car charger adapter (not included) in your vehicle's power outlet.

Video: This video demonstrates the installation process of the CHGeek M12 Wireless Car Charger, showing how to mount it on the dashboard and insert a phone for automatic clamping and charging. It also highlights the stability and ease of switching between portrait and landscape modes while driving.

5. Operating Instructions

5.1 Placing Your Phone

1. Ensure the charger is powered on.
2. Gently place your Qi-enabled smartphone into the holder. The arms will automatically clamp to secure your phone.
3. The charger will automatically begin wireless charging if your phone is compatible.

Image: A visual showing the 'One Touch Release' button on the side of the charger and the 'Automatically Locking' feature when a phone is placed in the holder.

5.2 Removing Your Phone

To release your phone, simply touch the button on either side of the charger. The arms will open automatically, allowing you to remove your device.

5.3 Adjusting Viewing Angle

The 360° rotating sphere allows you to adjust your phone to portrait or landscape orientation. The retractable and foldable bracket provides additional flexibility for optimal viewing and safe driving.

6. Safety Information

To ensure safe operation and prevent damage to your device or the charger, please observe the following:

- **Foreign Object Detection:** The charger is equipped with Foreign Object Detection (FOD). If a metal substance is detected between the charger mount and your phone, it will stop charging and flash a red light. Remove any metal objects immediately.
- **Case Compatibility:** The charger supports cases up to 6mm thick. However, metal cases, cases with magnets, credit cards, grips, or stands may interfere with wireless charging. Remove such items before charging.
- Do not expose the charger to extreme temperatures or direct sunlight for prolonged periods.
- Do not disassemble or attempt to repair the charger yourself.
- Keep out of reach of children.

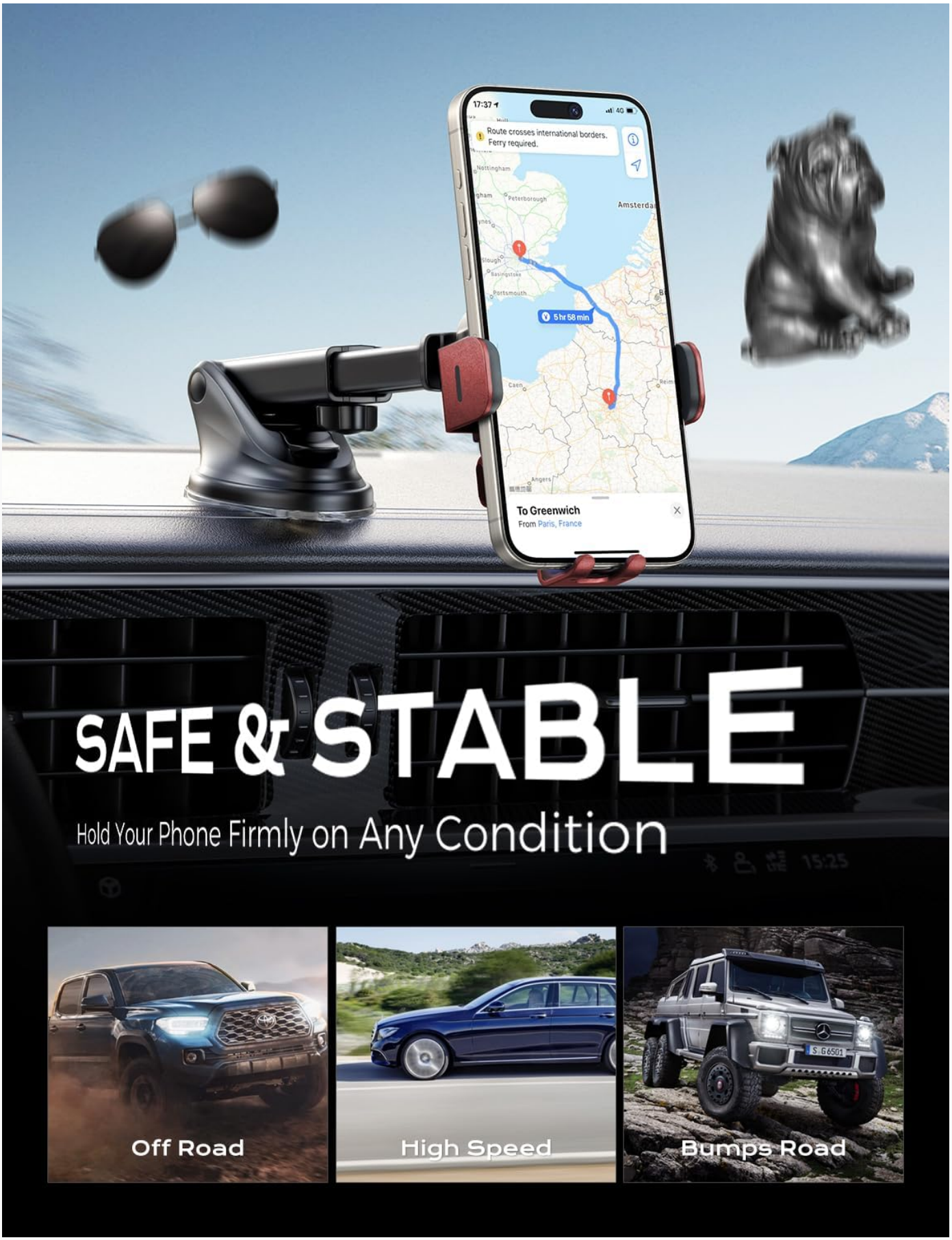

Image: A diagram illustrating the Foreign Object Detection feature, showing a stable red light when connected, a stable blue light when charging, and a flashing red light to stop charging when a foreign object is detected. It also lists various protection features like temperature, electromagnetic field, shunt, recovery, overvoltage, and overpower protection.

Image: A visual explaining the 'Case Friendly' feature, indicating compatibility with cases up to 0.24 inches (6mm). It also shows examples of incompatible accessories such as ultra-thick cases, metal cases, ring clasps, and cases with back clip power supplies.

7. Maintenance

To maintain the performance and longevity of your CHGeek M12 Wireless Car Charger:

- Clean the device regularly with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- If using the suction cup mount, periodically clean the suction cup with water to restore its adhesive properties. Allow it to air dry completely before re-attaching.
- Ensure the charging port is free from dust and debris.

8. Troubleshooting

Problem	Possible Cause	Solution
Charger not powering on.	No power connection or faulty cable/adapter.	Ensure the USB-C cable is securely connected to both the charger and a working QC 3.0 car adapter. Test with a different cable or adapter if available.
Phone not charging wirelessly.	Phone not Qi-compatible, misaligned, or foreign object detected.	Verify your phone supports Qi wireless charging. Reposition the phone to ensure proper alignment with the charging coil. Check for any metal objects between the phone and charger. Remove thick or metal cases.
Automatic clamping not working.	Charger not powered on or sensor obstructed.	Ensure the charger is powered on. Check if anything is blocking the sensor that detects the phone.
Suction cup not adhering.	Dirty surface or suction cup.	Clean the dashboard/windshield surface and the suction cup. Wash the suction cup with water and let it air dry to restore stickiness.

9. Specifications

Feature	Detail
Brand	CHGeek
Model Number	M12
Connectivity Technology	Wireless
Connector Type	USB Type C
Wattage	15 Watts
Input Voltage	9 Volts
Output Voltage	5 Volts (DC)

Feature	Detail
Total USB Ports	1
Mounting Type	Dashboard, Windshield, Air Vent
Material	Polyethylene (PET)
Item Weight	0.37 Kilograms
Specification Met	Qi
Compatible Devices	Qi Wireless Charging Compatible Phones including iPhone 15/14/13/12/11 Pro Max/XS, Samsung Galaxy S24/S23/S22/S21/S20/S10/Note series, LG V60/V50/V40, Google Pixel 7/6, Sony XZ2/XZ3, and more.

10. Warranty and Support

The CHGeek M12 Wireless Car Charger comes with a**2-year warranty**. For any product-related inquiries, technical assistance, or warranty claims, please contact CHGeek customer support. Our team is available to provide timely and patient support.
For further assistance, please visit the CHGeek Store on Amazon.

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Example: How do I reset this device or fix this error?

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