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> CHGeek Wireless Car Charger, 15W Fast Charging Auto Clamping Car Charger Phone Mount Phone Holder fit for iPhone 16 15 14 13 12 Pro Max 11 XR XS, Samsung Galaxy S24 Ultra S23 S22 S21, S20, S10+, Black

CHGeek M12

CHGeek Wireless Car Charger Instruction Manual

Model: M12

1. PRODUCT OVERVIEW

The CHGeek Wireless Car Charger (Model M12) is a versatile 2-in-1 device designed to provide convenient and safe charging for your Qi-enabled smartphone while driving. It functions as both a phone mount and a fast wireless charger, eliminating the need for tangled cables and ensuring your device is always powered and accessible. Key features include 15W fast wireless charging, intelligent identification for smart charging, foreign object detection with LED alarm for enhanced safety, and case-friendly design. The mount offers flexible angle adjustment and multiple installation options for optimal viewing and secure placement in your vehicle.



Image: The CHGeek Wireless Car Charger unit, showcasing its main components including the phone holder, suction cup mount, and air vent clip.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Wireless Car Charger (1 unit)
- Strong Suction Cup Mount (1 unit)
- Air Vent Clip (1 unit)
- 3ft Type C Cable (1 unit)
- User Manual (This document)

3. SETUP AND INSTALLATION

The CHGeek Wireless Car Charger offers multiple installation options to suit your vehicle's interior and your preference:

3.1. Suction Cup Mount (Dashboard or Windshield)

1. **Clean the Surface:** Ensure the dashboard or windshield surface is clean and free of dust or oils. For optimal adhesion, a smooth, flat surface is recommended.
2. **Attach the Mount:** Press the suction cup firmly onto the desired surface.
3. **Secure the Lever:** Push down the lever on the suction cup base to create a strong vacuum seal.
4. **Adjust the Arm:** Loosen the adjustment knobs on the mount arm to extend or retract it, and pivot the ball joint to achieve your desired viewing angle. Tighten the knobs to secure the position.
5. **Connect the Charger:** Attach the wireless charger unit to the ball joint of the suction cup mount and tighten the securing ring.

3.2. Air Vent Clip Installation

1. **Attach the Clip:** Connect the air vent clip to the back of the wireless charger unit using the ball joint and securing ring.
2. **Secure to Vent:** Carefully insert the clip onto one of your vehicle's air conditioning vents. Ensure it is securely fastened to prevent movement.
3. **Adjust Angle:** Adjust the angle of the charger unit using the ball joint for optimal viewing.



DASHBOARD
Phone Holder + Suction Cup



WINDSHIELD
Phone Holder + Suction Cup



AIR VENT
Phone Holder + Clip

Image: Visual representation of the charger installed on a car dashboard, windshield, and air vent, demonstrating versatile placement options.

4. OPERATING INSTRUCTIONS

4.1. Power Connection

Connect the provided USB-C cable to the charging port on the bottom of the wireless charger unit and plug the

other end into a QC 3.0 car charger adapter (not included) for optimal fast charging performance. The charger will automatically prepare for use once powered.

4.2. Placing and Removing Your Phone

1. **Automatic Clamping:** Once powered, simply place your Qi-enabled phone onto the charging pad. The side arms will automatically clamp to secure your phone.
2. **One-Touch Release:** To release your phone, gently touch the sensor button located on either side of the charger. The arms will open automatically, allowing you to remove your device.



Image: Illustration of the one-touch release mechanism and the automatic locking feature when a phone is placed on the charger.

5. CHARGING FEATURES

5.1. 15W Qi Fast Wireless Charging

The CHGeek Wireless Car Charger features an upgraded chip for intelligent and safe charging at the fastest possible speed for your Qi-enabled device. It supports various charging speeds:

- **15W Max Charging:** For Google phones, LG V60/V50/V40/V30+.
- **10W Fast Charging:** For Samsung Galaxy S24 Ultra/S23/S22/S21/Note 10+.
- **7.5W Fast Charging:** For iPhone 16/15/14/13/12 Pro Max/11/XR/XS.
- **5W Standard Charging:** For other compatible Qi-enabled phones.

Note: A QC 3.0 Car Charger Adapter (not included) is required to achieve 15W, 10W, and 7.5W fast charging speeds.

15W FAST CHARGING

75% Charged

FastCharge

7.5W

iPhone

10W

Samsung

15W

LG/Google

Image: Diagram illustrating the different charging wattages supported by the charger for iPhone, Samsung, LG, and Google devices.

5.2. Intelligent Identification & Smart Charging

The charger intelligently identifies your device and delivers the appropriate power. It also features smart power management that automatically powers off and protects your phone's battery when it is fully charged, preventing overcharging.

5.3. Case Friendly Design

This charger is designed to work with phone cases up to 6mm (0.24 inches) thick. However, please note that metal cases, cases with magnets, credit cards, grips, or stands may interfere with wireless charging and should be removed before use.

≤ 4mm
(0.16 inches)
INDUCTION



Ultra-thick
Case(>4mm)



Otterbox/
Metal Case



Ring Clasp



Opposite-sex
phone case



Not suitable for phones
with lens hindering
wireless charging

Image: Visual guide on case compatibility, indicating that cases thicker than 4mm, metal cases, or cases with ring clasps are not suitable for wireless charging.

6. SAFETY FEATURES

6.1. Foreign Object Detection (FOD) with LED Alarm

For your phone's safety, the charger is equipped with Foreign Object Detection. If a metal substance is detected

between the charger mount and your phone, it will immediately stop charging and flash a red light to alert you. This feature prevents potential damage caused by metal-induced high temperatures.

6.2. Multiple Protection Mechanisms

The CHGeek Wireless Car Charger incorporates several protection features to ensure safe and reliable operation:

- **Temperature Protection:** Prevents overheating of the device and your phone.
- **Electromagnetic Field Protection:** Shields against electromagnetic interference.
- **Shunt Protection:** Protects against current surges.
- **Recovery Protection:** Ensures safe recovery after power fluctuations.
- **Overvoltage Protection:** Safeguards against excessive voltage input.
- **Over Power Protection:** Prevents damage from excessive power output.

FOREIGN OBJECT DETECTION WITH LED LIGHT

- **STABLE RED LIGHT**

Connecting to the power without charging

- **STABLE BLUE LIGHT**

Charging

- ● ● **FLASHING RED TO STOP CHARGING**

Detecting the foreign object

Light indication



Temperature Protection



Electromagnetic Field Protection



Shunt Protection

REC

Recovery Protection



Overvoltage Protection



Over Power Protection

Image: Diagram illustrating the Foreign Object Detection (FOD) with LED light indicators (stable red for power, stable blue for charging, flashing red for foreign object) and icons representing various protection mechanisms.

7. MAINTENANCE

To ensure the longevity and optimal performance of your CHGeek Wireless Car Charger, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the surface of the charger and mount with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Suction Cup Care:** If the suction cup loses its stickiness, rinse it with warm water and let it air dry. The suction cup is washable and its adhesive properties can be restored.
- **Avoid Extreme Temperatures:** While designed for car environments, prolonged exposure to extreme heat or cold can affect performance.
- **Cable Management:** Ensure the USB-C cable is not kinked or pinched, which can damage the cable and affect charging.



Image: Visual steps demonstrating how to clean and re-secure the washable suction cup for continued strong adhesion.

8. TROUBLESHOOTING

If you encounter any issues with your CHGeek Wireless Car Charger, please refer to the following common solutions:

Problem	Possible Cause	Solution
Phone not charging or charging slowly.	<ul style="list-style-type: none"> • Incorrect power adapter (not QC 3.0). • Phone case is too thick or contains metal. • Phone not properly aligned on charging coil. • Foreign object detected. 	<ul style="list-style-type: none"> • Use a QC 3.0 car charger adapter. • Remove thick or metal-containing phone cases. • Re-position phone to ensure proper alignment. • Remove any foreign objects between phone and charger.
Charger arms not opening/closing automatically.	<ul style="list-style-type: none"> • No power supply. • Sensor obstruction. 	<ul style="list-style-type: none"> • Ensure the charger is properly connected to power. • Check for any obstructions near the sensor buttons.
Mount not adhering to surface.	<ul style="list-style-type: none"> • Surface is dirty or uneven. • Suction cup is dirty or dry. 	<ul style="list-style-type: none"> • Clean the surface thoroughly. • Rinse the suction cup with water and let it air dry to restore stickiness.

If you have any further problems or suggestions, please contact CHGeek customer service for assistance.

9. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	CHGeek
Model Number	M12
Product Dimensions	2.76 x 1.38 x 4.17 inches
Item Weight	9.9 ounces
Color	Black
Connectivity Technology	USB
Connector Type	USB Type C
Input Voltage	9 Volts
Special Features	15W Wireless Charging, Automatic Clamping, Metal+Premium ABS Housing, Super Suction, Dashboard/Windshield/Air Vent Mounting
Compatible Devices	Qi-enabled phones including iPhone 16/15/14/13/12 Pro Max/11/XR/XS, Samsung Galaxy S24 Ultra/S23/S22/S21/Note 10+, Google Pixel 7/7 Pro/6 Pro/6, LG V60/V50/V40/V30+, Sony Xperia Z3v/XZ2/XZ2 Premium/XZ3, and other Qi-compatible devices.

10. WARRANTY AND SUPPORT

CHGeek provides a **2-year warranty** for this product, ensuring quality and customer satisfaction. If you experience any issues or have questions regarding your CHGeek Wireless Car Charger, please do not hesitate to contact our dedicated customer support team. We are committed to providing timely and patient assistance, including free return and exchange services.

For support, please refer to the contact information provided in your product packaging or visit the official CHGeek website.

