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› AMprime Android 13 Car Radio User Manual

AMprime Q3162NAA3-C58

AMprime Android 13 Car Radio User Manual

Model: Q3162NAA3-C58

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AMprime Android 13 Car Radio. Please read this manual thoroughly before using the product to ensure proper function and safety.



Figure 1: AMprime Android 13 Car Radio with 10-inch touch screen and included backup camera.

2. SAFETY INFORMATION

Always prioritize safety during installation and operation. Improper installation can lead to vehicle damage or personal injury.

- Ensure the vehicle's power is disconnected before installation.
- Consult a professional for installation if you are unsure about any wiring or mounting procedures.
- Do not operate the device in a way that distracts you from driving.
- Keep the device away from water and excessive heat.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- AMprime Android 13 Car Radio Unit
- Mini Waterproof Rear Camera with 6M AV Cable
- Power Cable

- USB Cables (Dual)
- GPS Antenna
- RCA Cables
- Accessories (Mounting Brackets, Screws)
- User Manual (this document)

Product Size & Package List

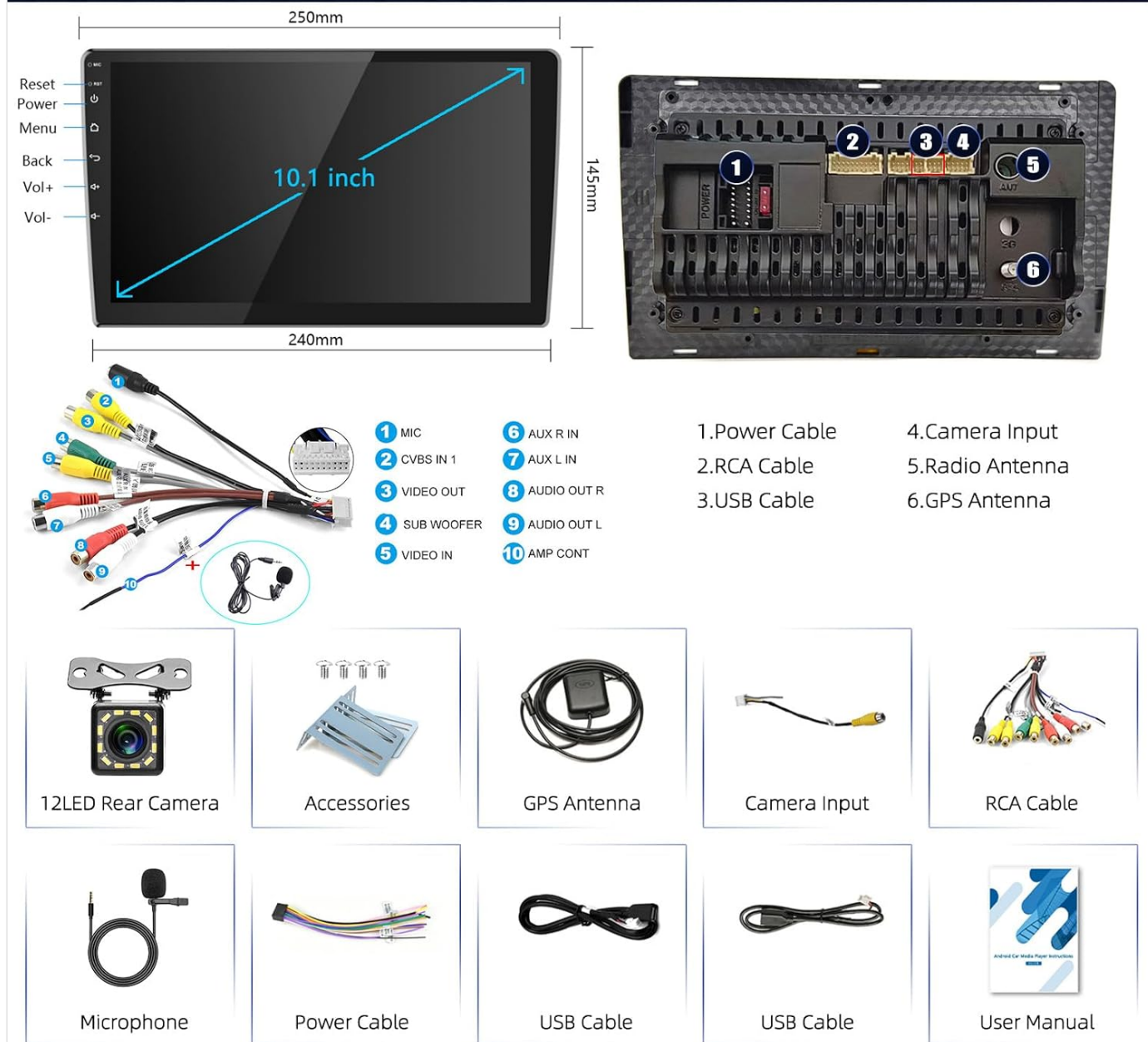


Figure 2: Overview of the AMprime Android 13 Car Radio package contents.

4. PRODUCT FEATURES

- **10-inch Capacitive Touch Screen:** High resolution 1080P display with 2.5D arc edge anti-scratch tempered glass.
- **Android 13 System:** Supports online/offline navigation and various Android applications.
- **GPS Navigation:** Pre-installed "Here wego" map, with manual download for free maps. WIFI connection for online navigation.
- **Bluetooth 4.0:** Hands-free phone calls, phone book download, and music streaming.
- **Mobile Phone Mirror Link:** Supports iOS/Android phones to synchronize mobile screen to the car audio screen

(wired and wireless).

- **FM Radio:** 18 preset stations for news, music, and programs.
- **Steering Wheel Control:** Supports original steering wheel button study for convenient remote control (does not support cars needing a CANbus).
- **Rear View Camera Input:** Automatic switch to parking mode when reverse gear is engaged. Includes a mini waterproof rear camera with 12 IR lights for night vision.
- **Dual USB Ports:** For media playback and connectivity.
- **Video Output/Input RCA Ports:** For external display and audio connections.

5. SPECIFICATIONS

Feature	Specification
Item Weight	3.25 pounds
Product Dimensions	9.84 x 1.57 x 5.71 inches
Item Model Number	Q3162NAA3-C58
Display Size	10.1 Inches
Display Resolution	1024x600
Voice Command	Touchscreen
Connectivity Technology	Bluetooth, Auxiliary, Wi-Fi, USB
Map Type	Online Map - Anywhere, Free Worldwide Offline Map, North America, Online Map- compatible with Waze, Navitel etc.
Audio Output Mode	AUX, Stereo
Mounting Type	Panel Mount

6. SETUP AND INSTALLATION

Professional installation is highly recommended for this product. Ensure all connections are secure before powering on the unit.

6.1 Wiring Diagram Overview

Refer to the provided wiring diagram for detailed connections. The main unit requires power, ground, and accessory connections. Speaker wires are color-coded for easy identification.

Product Size & Package List



Figure 3: Rear view of the AMprime Car Radio with labeled connection points.

6.2 Rear View Camera Connection

The included rear view camera connects to the dedicated video input on the head unit. The camera's power should be connected to the car's reverse light circuit so it activates automatically when reverse gear is engaged.

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Video 1: Demonstrates how to connect the reversing camera to the AMprime car radio. This video shows the physical connections for the camera and its power supply.

Rear Camera

The product comes with a 12-light camera, reversing safer.



HD



Night Vision



Wide Angle



Waterproof



Steering Wheel Control



Figure 4: Rear Camera Connection Diagram.

6.3 Initial Power On

After all connections are made, turn on your vehicle's ignition. The car radio should power on automatically. Follow any on-screen prompts for initial setup.

7. OPERATING INSTRUCTIONS

7.1 Basic Navigation and Touch Screen Operation

The 10.1-inch capacitive touch screen allows for intuitive control. Swipe left or right to navigate between app screens. Tap icons to open applications.



Figure 5: Touch screen gestures and interface.

7.2 GPS Navigation

The unit comes with "Here wego" maps pre-installed. Connect to Wi-Fi to download additional offline maps or use online navigation with other compatible apps.



Figure 6: GPS Navigation and Wi-Fi Hotspot functionality.

7.3 Bluetooth Connectivity

Pair your mobile phone via Bluetooth for hands-free calling and audio streaming. Access your phone book directly from the head unit.

Bluetooth & FM/RDS Radio



Figure 7: Bluetooth and FM/RDS Radio interface.

7.4 Mobile Phone Mirror Link

Mirror your smartphone screen to the car radio display. This feature supports both wired (USB) and wireless (Wi-Fi) connections for iOS and Android devices.

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Video 2: Demonstrates wireless mobile phone screen mirroring to the car radio.

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Video 3: Demonstrates wired mobile phone screen mirroring to the car radio via USB.

Wired/Wireless Mirror Link

You can connect the screen mirroring link and enjoy various applications installed on your phone on the radio screen.



USB

Wired Connection

Mirror Link



Wireless/Wired
Connection



WiFi

Wireless Connection

Figure 8: Wired/Wireless Mirror Link capabilities.

7.5 Steering Wheel Control

If your vehicle supports it, you can configure the car radio to respond to your existing steering wheel controls. Access the "Steering Learn" option in the settings menu to program the buttons.

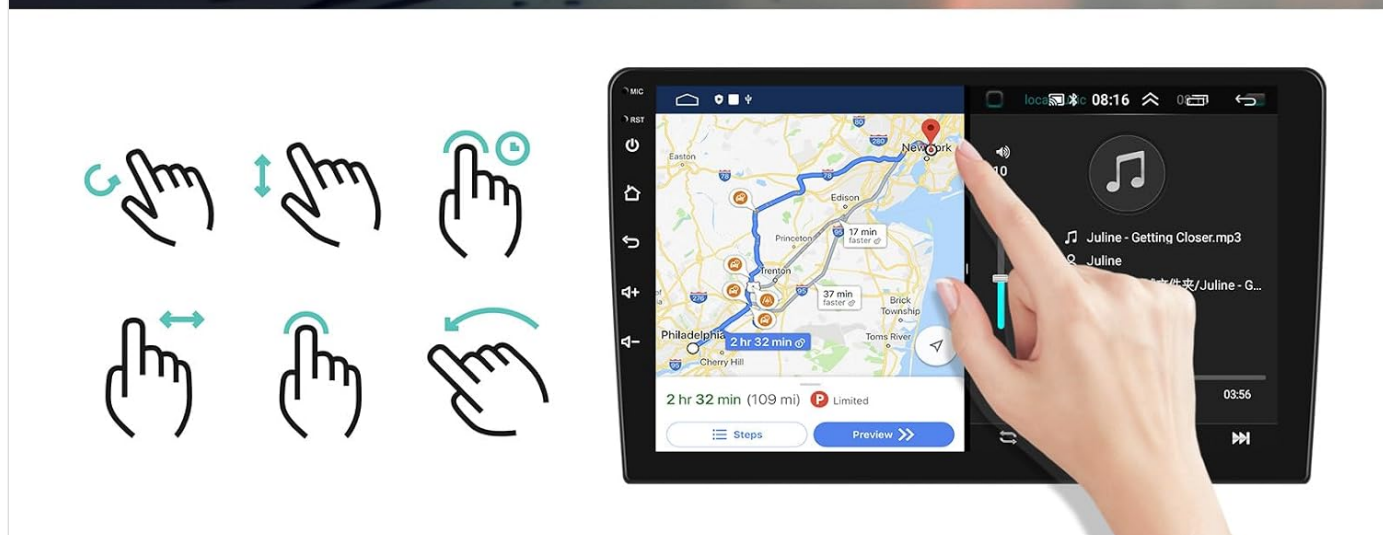


Figure 9: Steering Wheel Control setup.

8. MAINTENANCE

To ensure the longevity and optimal performance of your AMprime Car Radio:

- Clean the screen regularly with a soft, lint-free cloth. Avoid abrasive cleaners.
- Keep the unit free from dust and debris.
- Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- Ensure proper ventilation around the unit.

9. TROUBLESHOOTING

If you encounter issues with your car radio, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Unit does not power on.	Check power connections (ACC, B+, GND). Verify vehicle's fuse.
No sound.	Check speaker wiring. Ensure volume is not muted or too low. Verify audio output settings.
Rear camera not displaying.	Verify camera video input connection. Ensure camera power is correctly wired to the reverse light. Check camera functionality.
Touch screen unresponsive or slow.	Perform a soft reset (refer to manual for reset button location). Ensure sufficient memory is available if multiple apps are running.
Bluetooth not connecting.	Ensure Bluetooth is enabled on both devices. Delete previous pairings and try re-pairing.
Mirror Link not working.	For wired connection, ensure USB debugging is enabled on Android. For wireless, check Wi-Fi hotspot settings and app permissions. Note: Some streaming services (Netflix, Amazon Prime, Disney+) do not support Mirror Link.

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Video 4: A short preview video demonstrating general operation of the unit. This can be useful for basic troubleshooting of interface responsiveness.

10. WARRANTY AND SUPPORT

For product support, troubleshooting assistance, or warranty inquiries, please contact US AMPrime Technology LLC. We are committed to providing better products and customer service.

Contact Information:

Email: Amprime99@yahoo.com

For more information, visit the [AMprime Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question