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› AMprime 10 Inch Android Double Din Car Radio User Manual

AMprime Q3162NAA3-C58

AMprime 10 Inch Android Double Din Car Radio User Manual

Model: Q3162NAA3-C58

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your AMprime 10 Inch Android Double Din Car Radio. This device integrates GPS navigation, intelligent voice control, Bluetooth connectivity, and multimedia playback into a single unit, designed to enhance your in-car experience. Please read this manual thoroughly before use to ensure proper functionality and safety.



This image displays the AMprime 10-inch Android car stereo unit, showcasing its large touchscreen interface with various app icons, a map display with voice control, and illustrations of mobile phone mirror link and a backup camera.

PRODUCT FEATURES

- **10-inch HD Capacitive Touch Screen:** Features a large 10-inch display with 1080P HD resolution and a 2.5D arc edge anti-scratch tempered glass screen for clear visuals and durability.
- **Android System:** Operates on an Android platform, allowing for installation of various compatible applications.
- **NEXAI Intelligent Voice Function:** Supports voice commands for navigation and music playback. Activate by saying "Hi Nex" followed by a command. Compatible with online navigation tools like Online Maps, Waze, and music services such as Spotify, YouTube, ZingMp3.
- **GPS Navigation:** Equipped with preloaded maps (NA map) and supports online/offline navigation. Compatible with apps like "Here wego".
- **WIFI Connectivity:** Allows connection to Wi-Fi networks for online features, app downloads, and updates.
- **Bluetooth 4.0:** Built-in Bluetooth for hands-free phone calls, phone book download, and wireless music streaming.
- **Mobile Phone Mirror Link:** Supports screen mirroring from both iOS (one-way control from phone to stereo) and Android (two-way control) devices.

- **FM Radio:** Features an FM receiver with 18 preset stations. (Note: Does not support AM/RDS).
- **Steering Wheel Control:** Compatible with original steering wheel buttons for convenient remote control (may not support cars requiring a CANBUS).
- **Backup Camera Input:** Supports connection of a backup camera, with automatic display switching when the vehicle is in reverse. Includes a 12 IR light night vision camera.
- **Dual USB Ports:** Provides two USB ports for media playback and device charging.
- **RCA Ports:** Includes 1 video-in, 2 video-out, 2 aux-in, 2 aux-out, and 1 camera-in for versatile connectivity.
- **Efficient Heat Dissipation:** Designed for effective thermal management.

PACKAGE CONTENTS

Upon unboxing, please verify that all the following components are present:

- 10 Inch Android Car Stereo Unit
- Mounting Metal Sheet and Screws
- GPS Antenna
- Power Wiring Harness
- AV Cables (RCA ports)
- Dual USB Cables
- Backup Camera (with 12 IR lights)
- User Manual (this document)



This image provides the overall dimensions of the car stereo unit (250mm width, 145mm height) and displays the various components included in the package, such as the mounting metal sheet, GPS antenna, power wiring harness, AV cables, dual USB cables, and the backup camera.

SETUP

Installation

The AMprime car stereo is designed for double DIN installation. Ensure your vehicle's dashboard opening is compatible with the unit's dimensions. The main screen measures 250x145x40mm, and the installation size is approximately 180(W)x75(H)x70(D)mm. Professional installation is recommended.



This image illustrates the visual difference in a car's dashboard before and after installing the 10-inch car stereo, highlighting the larger screen size compared to a standard 7-inch unit. It also provides key dimensions for installation: 155mm width, 70mm height, and 178mm depth for the main unit.

Wiring Connections

Carefully connect the provided wiring harnesses to the corresponding ports on the rear of the unit and to your vehicle's electrical system. Refer to your vehicle's wiring diagram for specific connections. Ensure all connections are secure to prevent malfunctions.

- **Power:** Connect the main power harness (DC 12V). Ensure proper connection of constant power (yellow), accessory power (red), and ground (black) wires.
- **AV:** Connect RCA cables for video input/output and auxiliary audio input/output.
- **GPS:** Connect the GPS antenna to the dedicated GPS port.
- **USB:** Connect the dual USB cables for external devices.
- **Backup Camera:** Connect the backup camera cable to the camera-in port.



This image shows the rear panel of the car stereo, detailing the connection points for USB 1, USB 2, AV input/output, GPS antenna, backup camera input, and the main power harness.

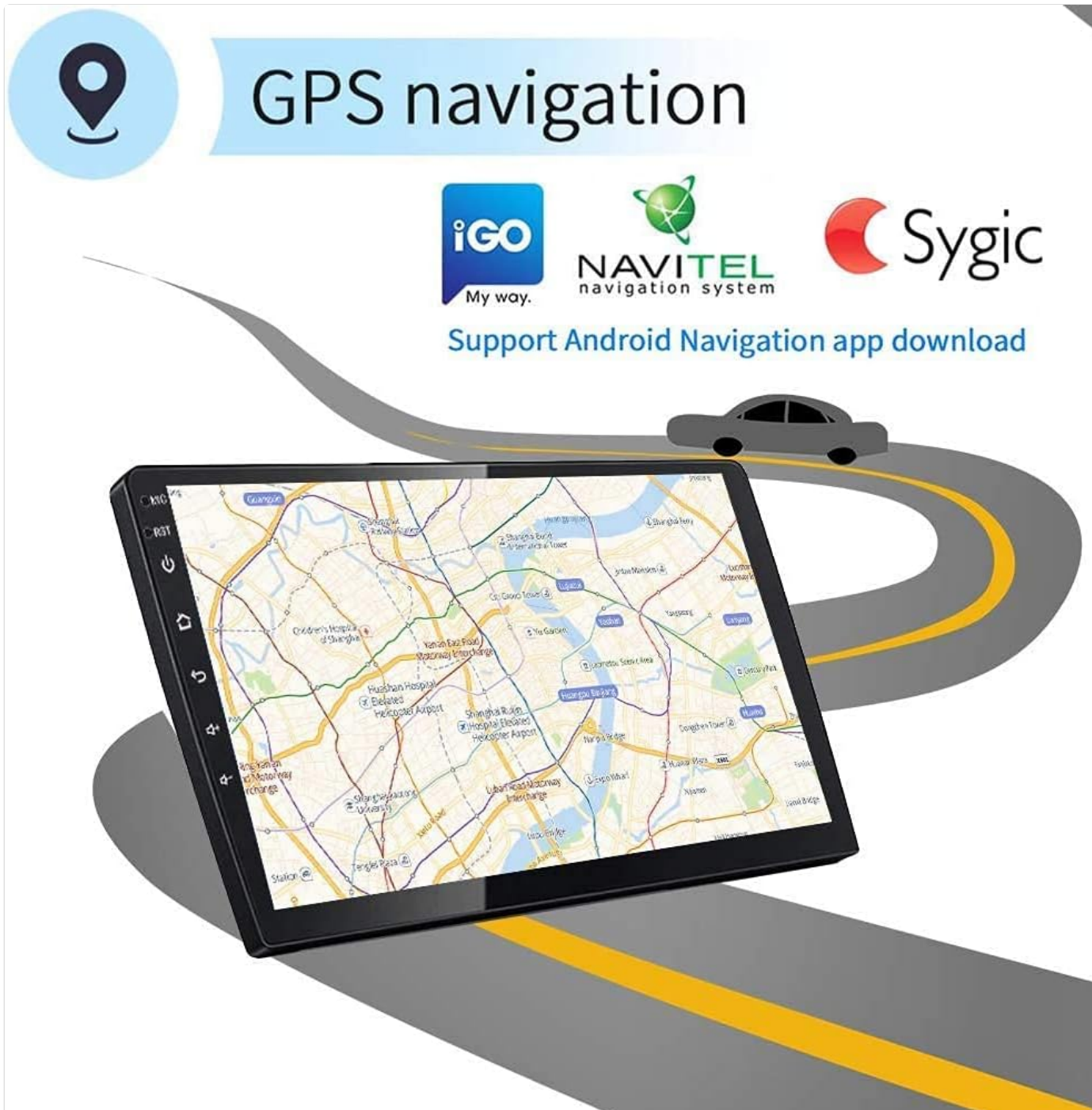
OPERATING INSTRUCTIONS

NEXAI Intelligent Voice Function

To activate the intelligent voice assistant, say "Hi Nex". Once activated, you can issue commands for navigation or music playback. For example, "Hi Nex, navigate to [destination]" or "Hi Nex, play [song title] by [artist]". Ensure an internet connection for online navigation and music services.

GPS Navigation

The unit comes with preloaded NA maps. For online navigation, connect to Wi-Fi and use compatible navigation apps like "Here wego", Online Maps, or Waze. You can download additional maps for offline use if supported by the navigation application.



This image demonstrates the GPS navigation capabilities of the car stereo, indicating support for popular Android navigation applications such as iGO, NAVITEL, and Sygic for route planning and guidance.

Bluetooth Connectivity

To pair your mobile device, go to the Bluetooth settings on the car stereo and enable Bluetooth on your phone. Search for the car stereo's Bluetooth name (usually "AMprime" or similar) and pair. Once connected, you can make/receive hands-free calls, access your phone book, and stream audio.



This image highlights the Bluetooth functionality, including hands-free calling with a dial pad on the screen, Bluetooth music streaming, and voice broadcast. It also shows the sound settings interface for audio adjustments.

Mobile Phone Mirror Link

Connect your smartphone to the car stereo via USB for Mirror Link functionality. For iOS devices, mirroring is one-way (phone screen displayed on stereo). For Android devices, two-way control is supported, allowing you to control your phone from the stereo's touchscreen.

FM Radio

Access the FM Radio application from the main menu. Use the scan function to find available stations. You can save up to 18 of your favorite stations for quick access. Note that this unit does not support AM or RDS.

Steering Wheel Control

If your vehicle supports resistive steering wheel controls, you can configure them through the unit's settings. Navigate to the "Steering Wheel Study" or "SWC" section in the settings menu to map your vehicle's steering wheel buttons to the stereo's functions. This feature is not compatible with vehicles requiring a CANBUS system.

Backup Camera Input

When the included backup camera is properly installed and connected, the stereo display will automatically switch to the camera's view when the vehicle is put into reverse gear. This provides a clear view of the area behind your vehicle, aiding in parking and maneuvering.



Reverse image

When the car is in the reverse gear, it automatically switches to the reverse image, which is easier and safer to reverse.



This image illustrates the automatic display of the reverse camera feed on the car stereo screen when the vehicle is shifted into reverse, enhancing safety and ease of parking.

SPECIFICATIONS

Chipset	8227L-DEMO
Memory	0.75GB (RAM) + 16GB (ROM)
Power Supply	DC 12V
Power Output	4*45W (max)
Screen Size	10 Inches
Product Dimensions	25 x 4 x 14.5 cm
Item Weight	1.39 kg

Connectivity Technology	USB, Bluetooth, Wi-Fi
Special Features	IOS/Android Phone Mirror Link, Rear View Camera Input, GPS Navigation, NEXAI Intelligent Voice

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, as this can affect performance and lifespan.
- **Software Updates:** Periodically check for software updates through the unit's settings or the manufacturer's website to ensure optimal performance and access to new features.
- **Connection Checks:** Occasionally check all wiring connections to ensure they remain secure, especially after driving on rough terrain.

TROUBLESHOOTING

If you encounter issues with your car stereo, refer to the following common troubleshooting steps:

- **No Power:**
 - Check all power connections (yellow, red, black wires) to ensure they are correctly and securely connected to the vehicle's power source.
 - Verify the vehicle's fuse for the stereo is not blown.
- **No Sound:**
 - Ensure the volume is not muted or set to minimum.
 - Check speaker wire connections for proper polarity and secure contact.
 - Verify audio output settings in the stereo's menu.
- **GPS Signal Loss/Inaccuracy:**
 - Ensure the GPS antenna is properly connected and placed in an area with a clear view of the sky.
 - Check if GPS settings are enabled in the unit's menu.
- **Bluetooth Connection Issues:**
 - Ensure Bluetooth is enabled on both the stereo and your mobile device.
 - Delete previous pairings on both devices and attempt to re-pair.
 - Move the mobile device closer to the stereo.
- **Touch Screen Unresponsive/Erratic:**
 - Perform a soft reset of the unit (refer to the unit's physical reset button, if available, or power cycle the vehicle).
 - Ensure the screen is clean and free of debris.
- **Mirror Link Not Working:**
 - Ensure the USB cable is securely connected and is a data-transferring cable, not just charging.
 - Verify that USB debugging (for Android) or trust settings (for iOS) are enabled on your phone if required by the Mirror Link app.
 - Update the Mirror Link application on the stereo if available.

If the issue persists after attempting these steps, please contact customer support.

WARRANTY AND SUPPORT

AMprime products are designed for reliability and performance. For warranty information and technical support, please refer to the warranty card included with your purchase or visit the official AMprime website. When contacting support, please have your product model number (Q3162NAA3-C58) and purchase details ready.

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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