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› AMprime Single Din Car Stereo with Apple Carplay Android Auto 9 inch Touchscreen Head Unit Instruction Manual

AMprime B08R6QZN36

AMprime Single Din Car Stereo with Apple Carplay Android Auto

INSTRUCTION MANUAL

Brand: AMprime | Model: B08R6QZN36

Introduction

This manual provides comprehensive instructions for the AMprime Single Din Car Stereo, a multimedia head unit designed to enhance your in-car entertainment and connectivity. Featuring a 9-inch high-definition capacitive touchscreen, this unit supports Apple Carplay, Android Auto, FM radio, Bluetooth, Mirror Link, Steering Wheel Control, and includes a rear view camera for improved safety. Please read this manual thoroughly before installation and operation to ensure proper use and optimal performance.

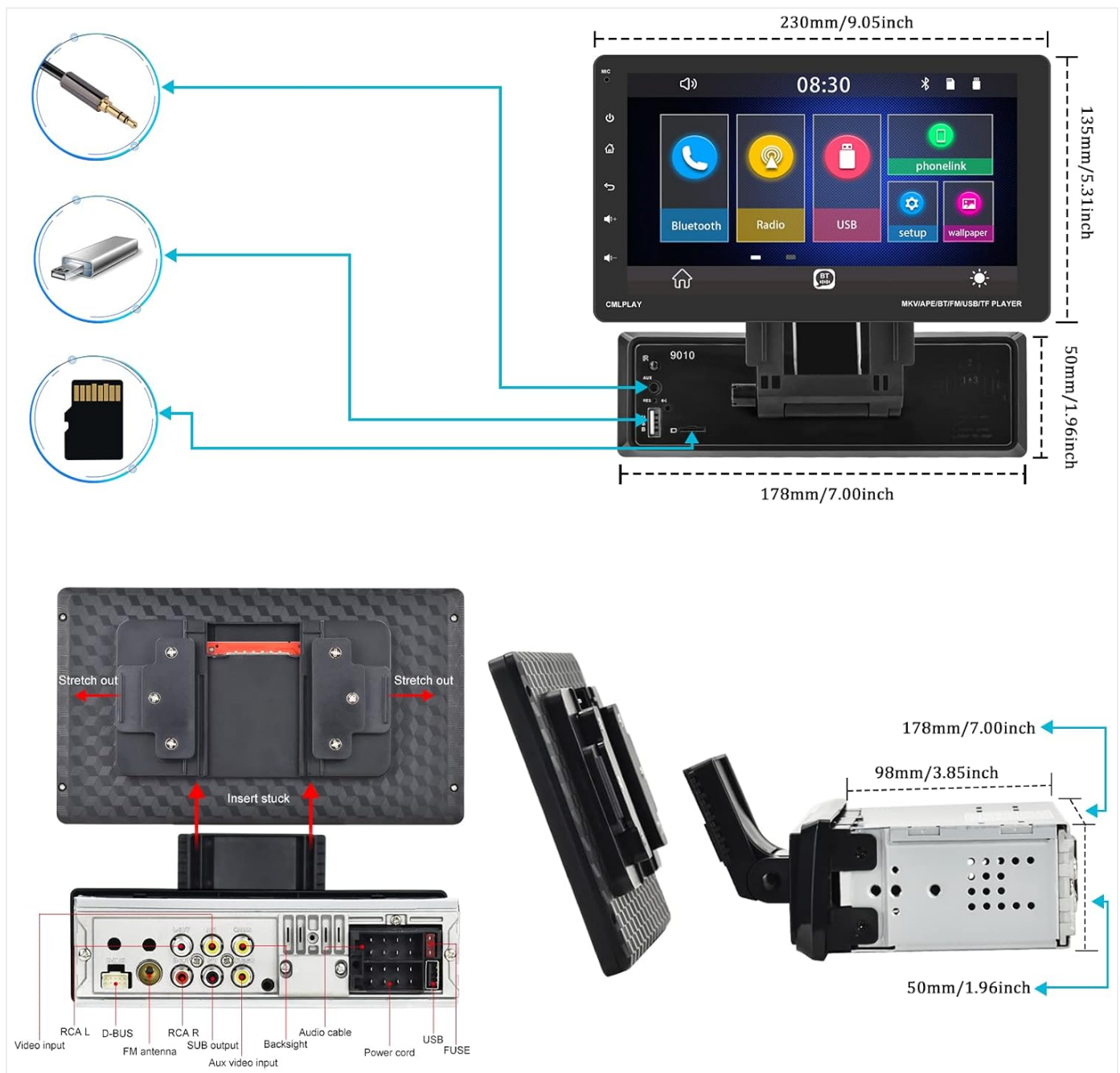
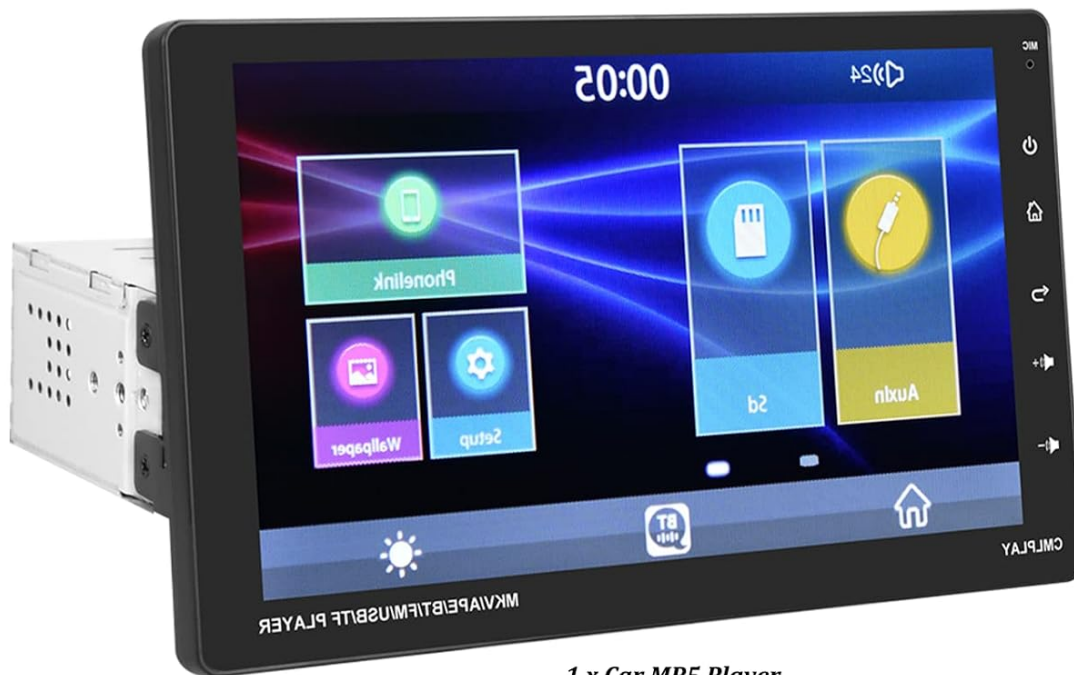


Image: AMprime Single Din Car Stereo with a 9-inch touchscreen display, showing the main interface with various app icons.

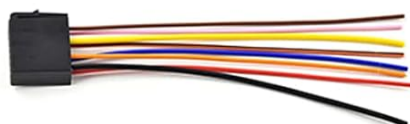
Product Overview & What's in the Box

The AMprime Single Din Car Stereo package includes all necessary components for installation and immediate use. Please verify all items are present upon unboxing.

- Car Stereo Head Unit (9-inch touchscreen)
- Rear View Camera
- Power Cable
- Speaker Cable
- Remote Control
- Metal Frame (2x)
- Screws (4x)
- User Manual



1 x Car MP5 Player



1 x Power Cable



1 x Speaker Cable



1 x Remote Control



**2 x Metal Frame
4 x Screw**



1x User Manual



1 x Reversing Camera

Image: A visual representation of the product contents, including the car stereo, rear view camera, various cables, remote control, metal frames, and user manual.

Setup & Installation

Proper installation is crucial for the optimal performance of your car stereo. If you are unsure about any steps, it is recommended to seek professional assistance.

1. Product Dimensions and Connections

The head unit features a standard single DIN chassis with a detachable 9-inch screen. Ensure your vehicle's dashboard opening is compatible with the dimensions: 178mm (L) x 70mm (W) x 100mm (H) for the main unit, and 178mm (L) x 100mm (W) for the screen. Various input/output ports are located on the rear for audio, video, USB, and power connections.



Image: Detailed diagram illustrating the physical dimensions of the car stereo unit and its 9-inch screen, along with labels for all input and output ports.

2. Screen Dismantle Method

The 9-inch screen is detachable for security or adjustment. To detach, pull the buckles on both sides of the screen outward, then lift up and slide out the screen. To reattach, align the screen with the main unit and slide it down until the buckles click into place.

Your browser does not support the video tag.

Video: Demonstration of how to detach and reattach the screen from the main head unit, highlighting the buckles and sliding mechanism.



Image: Illustration of the adjustable screen height feature, showing how the screen can be positioned for optimal viewing.

3. Wiring Diagram

Connect the power, speaker, and other accessory wires according to the diagram below. Ensure all connections are secure to prevent malfunctions. Incorrect wiring can damage the unit or your vehicle's electrical system.

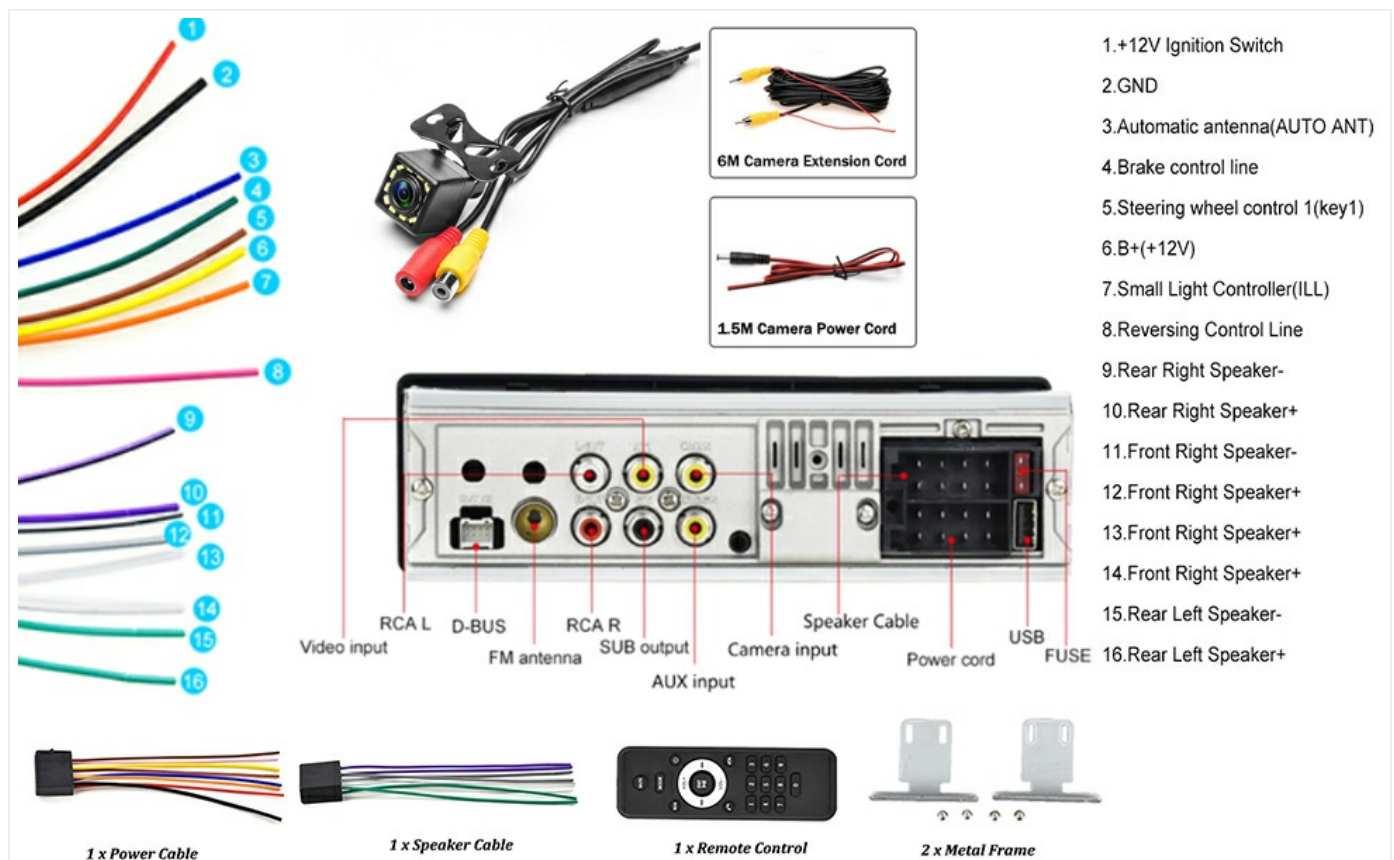


Image: A comprehensive wiring diagram indicating the purpose of each wire (e.g., 12V Ignition Switch, GND, Speaker outputs, etc.) and their corresponding colors.

4. Rear View Camera Connection

Connect the included rear view camera to the designated video input and power it from your vehicle's reversing light circuit. This enables automatic display of the rear view when shifting into reverse gear.



Image: Diagram showing the video and power connections for the rear view camera, including the reversing control wire.

Operating Instructions

1. Basic Operations

The unit powers on automatically with the vehicle's ignition. Use the touchscreen interface for all functions. Volume can be adjusted via the on-screen controls or steering wheel controls (if configured).

2. FM Radio

Access the FM Radio function from the main menu. You can manually tune to stations or use the auto-scan feature to find and save available frequencies (FM87.5-108). Six preset buttons allow for quick access to your favorite stations.



Image: The car stereo's FM radio screen displaying the current frequency (87.50 MHz) and six programmable preset buttons.

3. Bluetooth Connectivity

Enable Bluetooth on your mobile device and search for "CAR-KIT" to pair. Once connected, you can make hands-free calls, play music wirelessly, and access your phone book directly from the stereo's interface.



Image: The car stereo's Bluetooth menu, showing options for device pairing, music streaming, and phone book management.

4. Apple CarPlay & Android Auto

Connect your iPhone or Android phone via a USB data cable to activate Apple CarPlay or Android Auto. This allows seamless integration of your phone's navigation, messaging, calls, and music apps onto the stereo's display. iPhone users can utilize Siri for voice control.



Image: The car stereo screen displaying both Apple CarPlay and Android Auto interfaces, showing various compatible applications like Phone, Music, Maps, and Messages.

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Video: A demonstration of the Apple CarPlay and Android Auto features, showing how a smartphone connects to the head unit and displays its interface for navigation, music, and calls.

5. Mirror Link Function

The Mirror Link function allows you to project your smartphone's screen onto the car stereo display. Connect your iPhone or Android phone using a USB data cable. This enables viewing videos or using navigation apps directly from your phone on the larger screen.

Mirror Link

Connect to the radio, the screen of the mobile phone can be projected onto the radio screen. You can enjoy the video on the big radio screen, etc.



Image: A smartphone connected via USB cable, with its screen content (a navigation map) mirrored onto the larger car stereo display.

6. Steering Wheel Control (SWC)

If your vehicle supports steering wheel controls, you can configure them to operate the car stereo. This provides convenient and safe control over audio functions without taking your hands off the wheel. Refer to the wiring diagram for SWC connections and the setup menu for programming.

Steering Wheel Controls

Use the steering wheel control buttons to make the operation more convenient.



Reversing Display

Waterproof night vision camera, reversing image is clearer. Automatically switch the reverse image when in reverse gear.

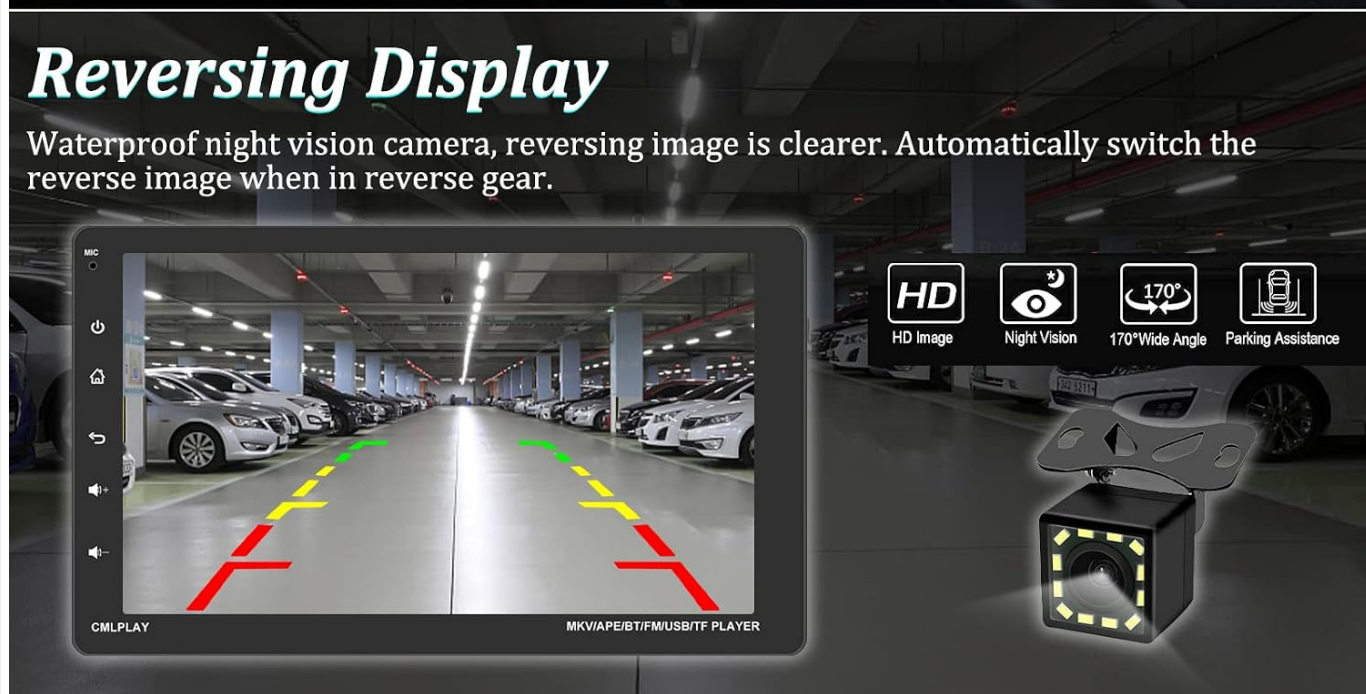


Image: The car stereo's interface for programming steering wheel controls, showing various functions that can be assigned to vehicle buttons.

7. Rear View Camera Display

When the vehicle is shifted into reverse gear, the stereo automatically displays the feed from the connected waterproof night vision camera. This provides a clear, wide-angle view with parking assistance lines, enhancing safety during reversing maneuvers.

Steering Wheel Controls

Use the steering wheel control buttons to make the operation more convenient.



Reversing Display

Waterproof night vision camera, reversing image is clearer. Automatically switch the reverse image when in reverse gear.



Image: The car stereo screen showing a clear, wide-angle view from the rear view camera with overlaid parking guide lines, useful for reversing.

8. EQ Settings

Adjust the audio equalizer (EQ) settings to customize the sound output to your preference. The unit offers various preset EQ modes and a customizable graphic equalizer to fine-tune bass, treble, and other frequency ranges.



Image: The car stereo's equalizer interface, showing sliders for adjusting various audio frequencies to customize sound output.

9. UI Display and Customization

The user interface is designed for intuitive navigation. You can customize various settings including language, key light colors, and display parameters (brightness, contrast, hue, saturation). The unit also supports different wallpaper options.

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Video: A demonstration of the car stereo's user interface, showcasing various menus, settings, and customization options such as language, key lights, and display adjustments.

Maintenance

To ensure the longevity and optimal performance of your AMprime car stereo, follow these maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **General Cleaning:** Keep the unit and surrounding dashboard area free from dust and debris. Use a soft brush or compressed air to clean vents and button crevices.
- **Avoid Extreme Temperatures:** Prolonged exposure to extreme heat or cold can affect the unit's performance and lifespan.
- **Software Updates:** Periodically check the manufacturer's website or contact support for any available software updates to ensure the best performance and compatibility.

Troubleshooting

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

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring, blown fuse, power supply issue.	Check power connections (12V Ignition, GND), inspect vehicle fuses, ensure proper installation.
No sound or distorted audio.	Incorrect speaker wiring, volume too low, EQ settings.	Verify speaker connections, adjust volume, check EQ settings, ensure "LOUD" function is not causing distortion.
Apple CarPlay/Android Auto not connecting or freezing.	Faulty USB cable, phone software issue, incorrect phone settings.	Use a high-quality USB data cable, restart your phone and the stereo, check phone settings for CarPlay/Android Auto permissions.

Problem	Possible Cause	Solution
Bluetooth connection issues.	Pairing error, device out of range, interference.	Ensure Bluetooth is enabled on both devices, unpair and re-pair, keep devices close, check for interference.
Rear view camera not displaying.	Incorrect camera wiring, camera malfunction, reversing signal issue.	Check camera video input and power connections, ensure the reversing signal wire is correctly connected.
Touchscreen unresponsive.	Software glitch, physical damage.	Try restarting the unit. If the problem persists, contact customer support.

Specifications

Below are the technical specifications for the AMprime Single Din Car Stereo:

- **Product Dimensions:** 7 x 2.78 x 4.84 inches (main unit)
- **Item Weight:** 2.89 pounds
- **Brand:** AMprime
- **Manufacturer:** xinshunhang
- **Connectivity Technology:** Bluetooth, USB
- **Special Feature:** Built-In Bluetooth, Touchscreen
- **Compatible Devices:** Smartphone
- **Connector Type:** USB
- **Audio Output Mode:** Stereo
- **Surround Sound Channel Configuration:** 2.0 or 2.1
- **Video Encoding Support:** H.264, MPEG-4, H.263, HEVC (H.265), VP9, AV1, etc.
- **FM Frequency Range:** 87.5-108 MHz

Warranty & Support

For warranty information, technical support, or service inquiries, please refer to the contact details provided with your purchase documentation or visit the official AMprime website. Keep your proof of purchase for warranty claims.

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