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› AMprime B0CTGZR7P8 Android 13 Car Stereo User Manual for Jeep Wrangler 2011-2014

AMprime B0CTGZR7P8

AMprime Android 13 Car Stereo User Manual

Model: B0CTGZR7P8 for Jeep Wrangler 2011-2014

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your AMprime Android 13 Car Stereo. This unit is specifically designed for Jeep Wrangler models from 2011 to 2014, offering a 10.1-inch capacitive touch screen with advanced features like Apple CarPlay, Android Auto, Bluetooth, GPS navigation, and AHD backup camera support.

Please read this manual thoroughly before installation and use to ensure proper function and to maximize your experience with the product.

SETUP AND INSTALLATION

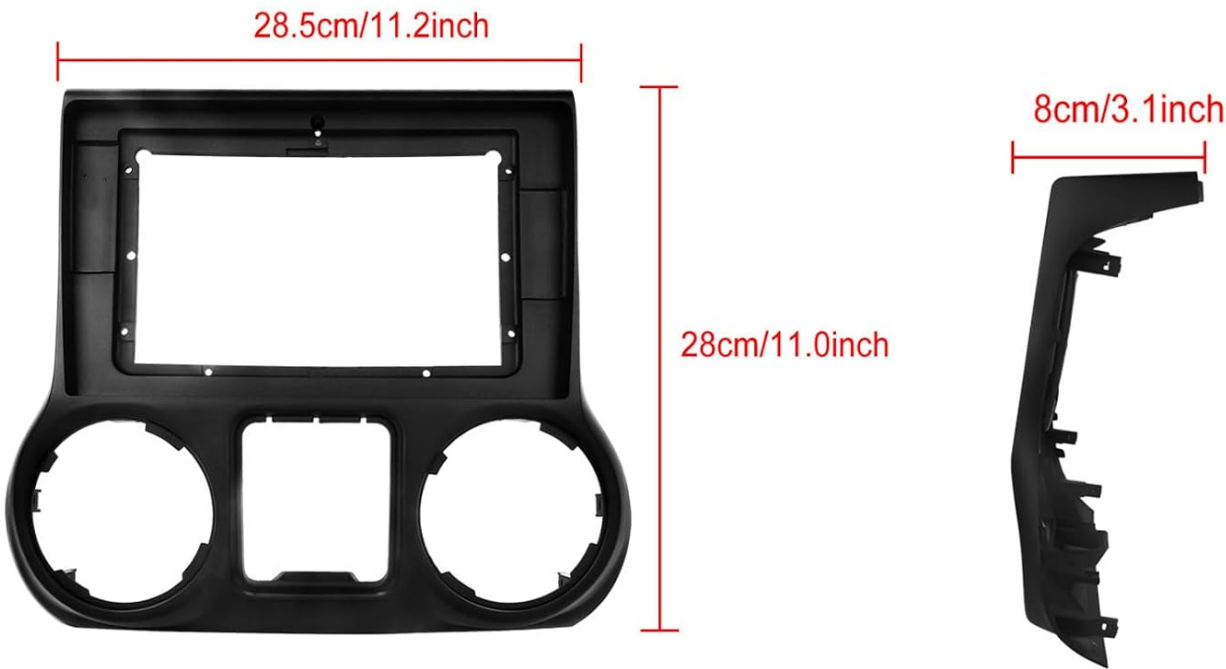
Package Contents

Before beginning installation, verify that all components are present in the package:

- Main Head Unit (Car Stereo)
- Video Extension Cable
- User Manual
- Power Cord
- AHD Rear Camera
- RCA Cable
- USB Cable (Dual USB)
- GPS Cable
- Rear Camera Input Cable
- Power Cable
- Canbus Decoder
- Radio Antenna
- Installation Tool Kit

- Mounting Accessories
- Microphone

Package list



 Video Extension Cable	 Parts	 User Manual	 Power Cord	 AHD Rear Camera	 RCA Cable	 USB Cable	 GPS Cable
 Rear Camera Input Cable	 Power Cable	 Canbus	 Accessories	 Radio Antenna	 Tool	 Accessories	 MIC

Image: Contents of the AMprime car stereo package, including the main unit, wiring harnesses, GPS antenna, AHD camera, and tools.

Installation Overview

The AMprime Android 13 Car Stereo is designed for direct fitment in Jeep Wrangler models from 2011 to 2014. Professional installation is recommended. Ensure the vehicle's power is disconnected before starting the installation process.

Installation Effect



After installation



Before installation



Wrangler 2011-2014

Wrangler 2015-2017

Image: Visual comparison of the Jeep Wrangler dashboard before and after the AMprime car stereo installation, highlighting the seamless integration of the 10.1-inch display.

1. **Remove Original Radio:** Carefully remove the factory radio and dashboard trim. Refer to your vehicle's service manual for specific instructions.
2. **Connect Wiring Harnesses:** Connect the provided power cord, RCA cables, USB cables, GPS cable, and radio antenna to the corresponding ports on the new head unit and the vehicle's wiring. The Canbus decoder should be integrated as per the wiring diagram to ensure steering wheel control functionality.
3. **Install AHD Rear Camera:** Route the AHD rear camera cable from the back of the vehicle to the head unit. Connect the camera to the dedicated input.
4. **Mount Head Unit:** Secure the AMprime car stereo into the dashboard opening. Ensure all connections are firm and properly insulated.
5. **Test Functionality:** Reconnect the vehicle's power and perform initial tests of all functions before fully reassembling the dashboard.

OPERATING INSTRUCTIONS

System Overview

Your AMprime car stereo runs on Android 13, powered by an 8-core CPU with 4GB RAM and 64GB ROM. The 10.1-inch capacitive touch screen has a resolution of 1024x600, supporting 1080p video playback.

Apple CarPlay & Android Auto

The unit supports both wireless and wired Apple CarPlay and Android Auto. This allows you to integrate your smartphone's features directly onto the car stereo's display.



Image: The car stereo display showcasing the Apple CarPlay and Android Auto interfaces, providing access to phone functions, navigation, music, and other applications.

1. **Connection:** Connect your iPhone or Android phone via USB cable or Bluetooth.
2. **Access Features:** Once connected, you can use voice commands (Siri/Google Assistant) or the touchscreen to make calls, get directions, play music, and access compatible apps.
3. **Mirror Link:** The unit also supports Mirror Link for both iOS and Android devices, allowing you to project your phone's screen directly.

Bluetooth Functionality

Bluetooth enables hands-free calling and audio streaming from your mobile device.



Image: The car stereo displaying the FM/RDS radio interface and a Bluetooth call screen with a numeric keypad for dialing.

1. **Pairing:** Go to the Bluetooth settings on the car stereo and your phone to pair the devices.
2. **Hands-Free Calls:** Answer, make, and end calls directly from the stereo screen or via steering wheel controls.
3. **Audio Streaming:** Play music from your phone through the car's speakers.

FM/RDS Radio

The built-in FM/RDS radio receiver provides access to local radio stations and traffic information.

- **Tuning:** Use the touchscreen to scan for stations or manually tune to a specific frequency.
- **RDS:** Radio Data System (RDS) displays station information, song titles, and traffic announcements where available.

GPS Navigation & WiFi Connectivity

The stereo features a built-in WiFi module and supports both online and offline navigation.



Image: The car stereo screen displaying GPS navigation with map data and a WiFi interface with icons for popular applications.

1. **Offline Maps:** North American offline maps are pre-installed.
2. **Online Navigation:** Connect to a WiFi hotspot (e.g., from your phone) to use online maps and real-time traffic updates.
3. **App Installation:** Install or delete Android applications from the Application Store, similar to a smartphone.

Steering Wheel Control (SWC)

The unit supports your vehicle's steering wheel controls, allowing for safe operation while driving.

Waterproof AHD Backup Camera

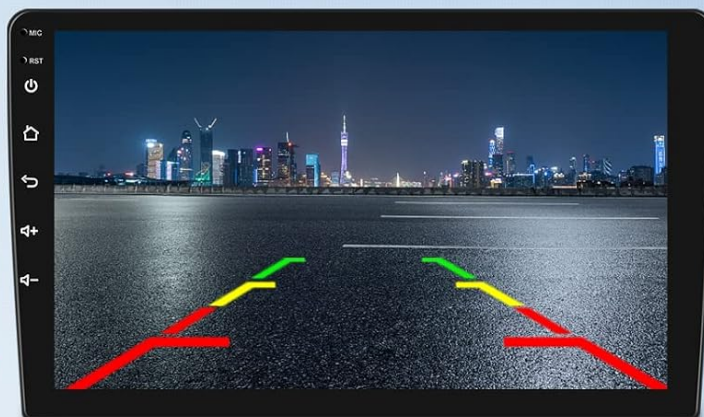
170° wide view AHD camera will present superior night vision for you.



Our AHD Camera



Other



Steering Wheel Control

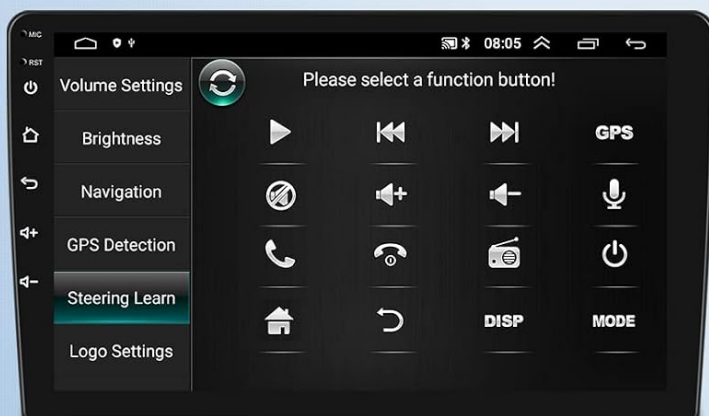


Image: The car stereo screen displaying the AHD backup camera feed with parking guidelines and the interface for configuring steering wheel controls.

- **Configuration:** Access the 'Steering Learn' option in the settings menu to map your steering wheel buttons to specific functions (e.g., volume, track skip, call answer).

AHD Rear View Camera

The included AHD rear view camera provides a clear view when reversing.

- **Automatic Display:** When the vehicle is shifted into reverse, the camera feed will automatically display on the touchscreen.
- **Features:** The camera is waterproof, offers excellent night vision, and a 170° ultra-wide field of view.

EQ Setting & DSP

Utilize the built-in Digital Sound Processor (DSP) for advanced audio customization.

- **Sound Adjustment:** Adjust frequency, 36-band equalization, and sound type to optimize audio output for your vehicle's speakers.

Dual USB Ports

The unit features dual USB ports for various functions.

- **File Transfer:** Connect USB drives for media playback or file transfer.
- **USB Charging:** Charge compatible devices via the USB ports.

Product Video Overview

Your browser does not support the video tag.

Video: An overview of the AMprime 8-Core Android 13 Car Stereo, demonstrating its key features and user interface.

MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touchscreen. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for available software updates to ensure optimal performance and access to new features. Updates can typically be found through the system settings or the manufacturer's website.
- **General Care:** Keep the unit free from excessive dust and moisture. Ensure proper ventilation around the unit.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on	Incorrect wiring, blown fuse, power supply issue.	Check power connections and fuses. Ensure proper wiring according to the installation guide.
No sound output	Speaker wiring issue, volume too low, incorrect audio source.	Verify speaker connections. Adjust volume. Select the correct audio source. Check EQ settings.
Touchscreen unresponsive or frozen	Software glitch, temporary system error.	Perform a soft reset (refer to the device's specific reset procedure, usually a small reset button or holding the power button). If persistent, consider a factory reset (data will be lost).
Bluetooth connection issues	Pairing error, device compatibility, interference.	Ensure Bluetooth is enabled on both devices. Delete previous pairings and re-pair. Try with a different device.
GPS signal loss or inaccuracy	GPS antenna placement, environmental interference.	Ensure the GPS antenna is mounted in a clear, unobstructed location. Check antenna connection.
Backup camera not displaying	Camera wiring, incorrect input selection, camera malfunction.	Check the camera's power and video signal connections. Ensure the vehicle is in reverse.

SPECIFICATIONS

Feature	Detail
Brand	AMprime
Model	B0CTGZR7P8
Operating System	Android 13
CPU	8-Core
RAM	4GB
ROM (Internal Storage)	64GB
Screen Size	10.1 Inches
Screen Resolution	1024 x 600
Touch Screen Type	Capacitive
Connectivity	Bluetooth, WiFi, USB
Navigation System	GPS (Supports online/offline maps)
Radio	FM/RDS Receiver
Compatibility	Jeep Wrangler 2011-2014
Special Features	Apple CarPlay, Android Auto, Mirror Link, Steering Wheel Control, AHD Backup Camera Support, DSP EQ Settings

WARRANTY INFORMATION

This AMprime car stereo unit comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

CUSTOMER SUPPORT

For technical assistance, troubleshooting, or any questions regarding your AMprime Android 13 Car Stereo, please contact our customer support team:

- **Email:** Amprime99@yahoo.com

When contacting support, please provide your product model number (B0CTGZR7P8) and a detailed description of the issue.

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