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› CAMECHO Android 13 Car Stereo User Manual for BMW X1 (2010-2016)

CAMECHO Android 13 Car Stereo for BMW X1 2010-2016

CAMECHO Android 13 Car Stereo User Manual

Model: Android 13 Car Stereo for BMW X1 (2010-2016)

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your CAMECHO Android 13 Car Stereo. This unit is designed for BMW X1 models manufactured between 2010 and 2016, offering advanced features such as a 10.1-inch touchscreen, Android 13 operating system, wireless CarPlay and Android Auto, GPS navigation, Bluetooth, and AHD backup camera support. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

SETUP AND INSTALLATION

Package Contents

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

- 1 x CAMECHO Android 13 Car Stereo Unit
- 1 x Canbus Box
- 1 x Power Cable
- 2 x USB Cables
- 1 x Radio Antenna
- 1 x GPS Antenna
- 1 x Rear View Input Cable
- 1 x Microphone
- 1 x AHD Backup Camera
- RCA Cables (various)
- Installation Tools
- User Manual

Steering Wheel Control



Figure 1: Unit Dimensions and Included Accessories. This image displays the physical dimensions of the 10.1-inch head unit and lists all cables and accessories provided in the package, including power cables, USB cables, antennas, and the backup camera.

Installation Overview

The CAMECHO Android 13 Car Stereo is designed for direct fitment in BMW X1 models (2010-2016). The included Canbus box ensures compatibility with your vehicle's original steering wheel controls and other factory features.

FM/RDS Radio



Figure 2: Installation Comparison. This image illustrates the dashboard of a BMW X1 before and after the installation of the CAMECHO car stereo, demonstrating the integrated appearance of the new unit.

Backup Camera Wiring

The included AHD backup camera requires proper wiring for functionality. Connect the red cable to the positive pole of the car's reversing light and the black cable to the negative pole (ground). The two other red extension cables are typically not needed for standard installation.



Figure 3: Rear View Camera Wiring Diagram. This diagram shows the connections for the backup camera, including power, ground, and video signal to the head unit. It highlights the red cable for the reversing light positive and the black cable for ground.

OPERATING INSTRUCTIONS

Wireless CarPlay and Android Auto

The unit supports wireless CarPlay for iOS devices (iOS 15.3 and below) and wireless Android Auto for Android devices (Android 12 and below). Connect your smartphone via Wi-Fi to access navigation, calls, messages, and music directly on the car stereo screen. Voice control features like Siri and Google Assistant are supported.



Figure 4: Wireless CarPlay and Android Auto Interface. This image displays the user interface for both CarPlay and Android Auto, showing various compatible applications and voice command examples.

GPS Navigation

The car stereo features a built-in positioning chip supporting GPS/QZSS/SBAS. It comes with pre-installed GPS navigation and allows for downloading offline maps or using online maps after connecting to Wi-Fi. Various navigation applications are supported.



Figure 5: GPS Navigation and Wi-Fi Connection. This image shows the navigation interface with a route displayed and an illustration of the Wi-Fi connection feature, allowing access to online services and app downloads.

Bluetooth Hands-Free Calling and Music

Connect your phone via Bluetooth for hands-free calls and audio streaming. The unit supports loading phone books and provides clear audio for conversations and music playback.



Figure 6: Bluetooth and FM/RDS Radio. This image displays the Bluetooth calling screen with a dial pad and contact list, alongside the FM/RDS radio interface showing station frequencies.

FM/RDS Radio

Enjoy FM radio with RDS (Radio Data System) functionality. The unit can preset up to 18 radio stations and display real-time traffic information, news, and weather forecasts where available.

Audio Customization (DSP & EQ)

The built-in AI DSP (Digital Signal Processor) and 32-band EQ allow for extensive audio customization. Choose from eight mainstream sound effects or manually adjust frequencies to create your preferred listening experience.



Figure 7: User Interface Themes and DSP/EQ Settings. This image illustrates various customizable user interface themes and the detailed 32-band equalizer settings for fine-tuning audio output.

Steering Wheel Control (SWC)

The included Canbus box enables seamless integration with your BMW X1's original steering wheel controls. This allows you to manage calls, adjust volume, and switch tracks without taking your hands off the wheel.

EQ Adjustment



Figure 8: Steering Wheel Control Functionality. This image demonstrates the use of steering wheel buttons to control the car stereo and shows the on-screen interface for programming these controls.

Split Screen Display

The 10.1-inch display supports split-screen functionality, allowing you to run two applications simultaneously. For example, you can view navigation maps on one side and control music playback on the other.



Figure 9: Split Screen Display. This image illustrates the car stereo's ability to display two applications side-by-side, such as a navigation map and the radio interface.

AHD Backup Camera

The included AHD backup camera provides a clear, wide-angle view when reversing. The display automatically switches to the camera feed when the vehicle is in reverse gear, enhancing safety during parking maneuvers.



Figure 10: Reversing Assist with AHD Camera. This image shows the physical backup camera unit and a simulated view on the car stereo screen with dynamic parking guidelines, indicating its night vision and wide-angle capabilities.

MAINTENANCE

Cleaning the Screen

To clean the touchscreen, power off the unit and gently wipe the screen with a soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaning solution. Avoid using harsh chemicals or abrasive materials.

Software Updates

Periodically check the manufacturer's website or contact support for available software updates. Updates can improve performance, add new features, or resolve known issues. Follow the provided instructions carefully when performing any software update.

TROUBLESHOOTING

Common Issues and Solutions

- Issue: Backup camera not working.**
Solution: Check all wiring connections for the backup camera, ensuring they are secure and correctly connected to the reversing light and the head unit. Verify the camera itself is not damaged. Ensure the reversing input cable is plugged into the head unit, even if the camera is not used.
- Issue: Poor Bluetooth connectivity or disturbed phone calls.**
Solution: Ensure your phone is within range and Bluetooth is enabled on both devices. Try unpairing and re-pairing the device. Check for any obstructions or interference. Update the car stereo's firmware if available.
- Issue: Unit does not power on.**
Solution: Check the power cable connections and ensure the vehicle's ignition is on. Verify the fuse in the power cable is intact.
- Issue: No sound.**
Solution: Check volume settings on the unit and your connected device. Ensure all speaker wires are correctly connected. Verify the amplifier (if external) is powered on.
- Issue: GPS signal lost or inaccurate.**
Solution: Ensure the GPS antenna is properly installed and has a clear view of the sky. Avoid placing the antenna under metal objects.

SPECIFICATIONS

Feature	Detail
Operating System	Android 13
RAM	4GB
Internal Storage	64GB
Screen Size	10.1 Inches
Display Resolution	1280x720P HD IPS
Processor	4 Cores
Connectivity	Bluetooth, USB, Wi-Fi
Wireless Integration	Wireless CarPlay, Wireless Android Auto
GPS Support	GPS/QZSS/SBAS (North America maps)
Audio Features	AI DSP, 32-Band EQ

Radio	FM/RDS (87.0M-108M)
Backup Camera	AHD (Included)
Steering Wheel Control	Supported via Canbus
Compatible Car Models	BMW X1 (2010-2016)

WARRANTY INFORMATION

This CAMECHO product comes with a limited warranty. Please refer to the warranty card included in your package or contact customer support for specific terms and conditions. The warranty period is typically 2 years from the date of purchase.

CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact CAMECHO customer service:

- **Manufacturer:** CAMECHO
- **Email:** camechovip@126.com
- **Online Help:** You can also find online support by visiting the CAMECHO storefront on Amazon and using the 'Ask a question' feature.

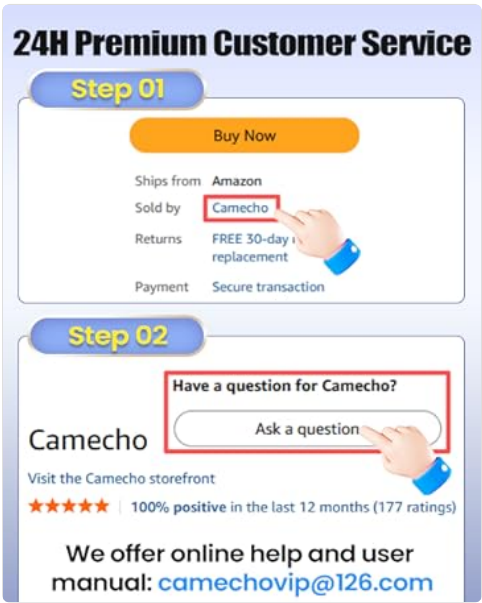


Figure 11: Accessing Customer Service. This image illustrates how to locate seller information and initiate a question through the Amazon platform for customer support.