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› Oskkude Car Stereo Radio User Manual for Chevy Cobalt 2008-2009 with Wireless CarPlay and Android Auto

Oskkude 2G+64G

Oskkude Car Stereo Radio User Manual

Model: 2G+64G for Chevrolet Cobalt 2008-2009

1. INTRODUCTION

Thank you for choosing the Oskkude Car Stereo Radio. This 8-inch IPS touchscreen unit is designed specifically for Chevrolet Cobalt models from 2008 to 2009, offering advanced features such as Wireless CarPlay, Android Auto, GPS navigation, Bluetooth connectivity, Wi-Fi, FM/RDS radio, steering wheel control, and mirror link functionality. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and user experience.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to follow these guidelines may result in injury, damage to the device, or vehicle. Keep this manual for future reference.

- Professional installation is recommended for car electronics.
- Disconnect the vehicle's battery negative terminal before installation to prevent electrical shorts.
- Ensure all wiring is correctly connected and insulated to avoid short circuits.
- Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.
- Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or moisture.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- Car Stereo Head Unit (8-inch IPS Touchscreen)
- Power Cable
- RCA Input/Output Cables
- 2 x USB Cables
- Camera Input Cable (if included with your specific model)
- Radio Antenna Adapter

- GPS Antenna
- Instruction Manual
- Canbus Box
- Sound Amplifier (if included)



Image 3.1: Main unit and included accessories, including power cable, RCA cables, USB cables, camera input, radio adapter, GPS antenna, instruction manual, Canbus box, and sound amplifier.

4. SETUP AND INSTALLATION

4.1 Pre-Installation Checks

- Ensure the vehicle's ignition is off and the battery is disconnected.
- Confirm compatibility with your Chevrolet Cobalt 2008-2009 model.
- Gather all necessary tools (screwdrivers, wire strippers, electrical tape, etc.).

4.2 Wiring Diagram

Refer to the following diagram for proper wiring connections. Incorrect wiring can damage the unit or vehicle's electrical system.

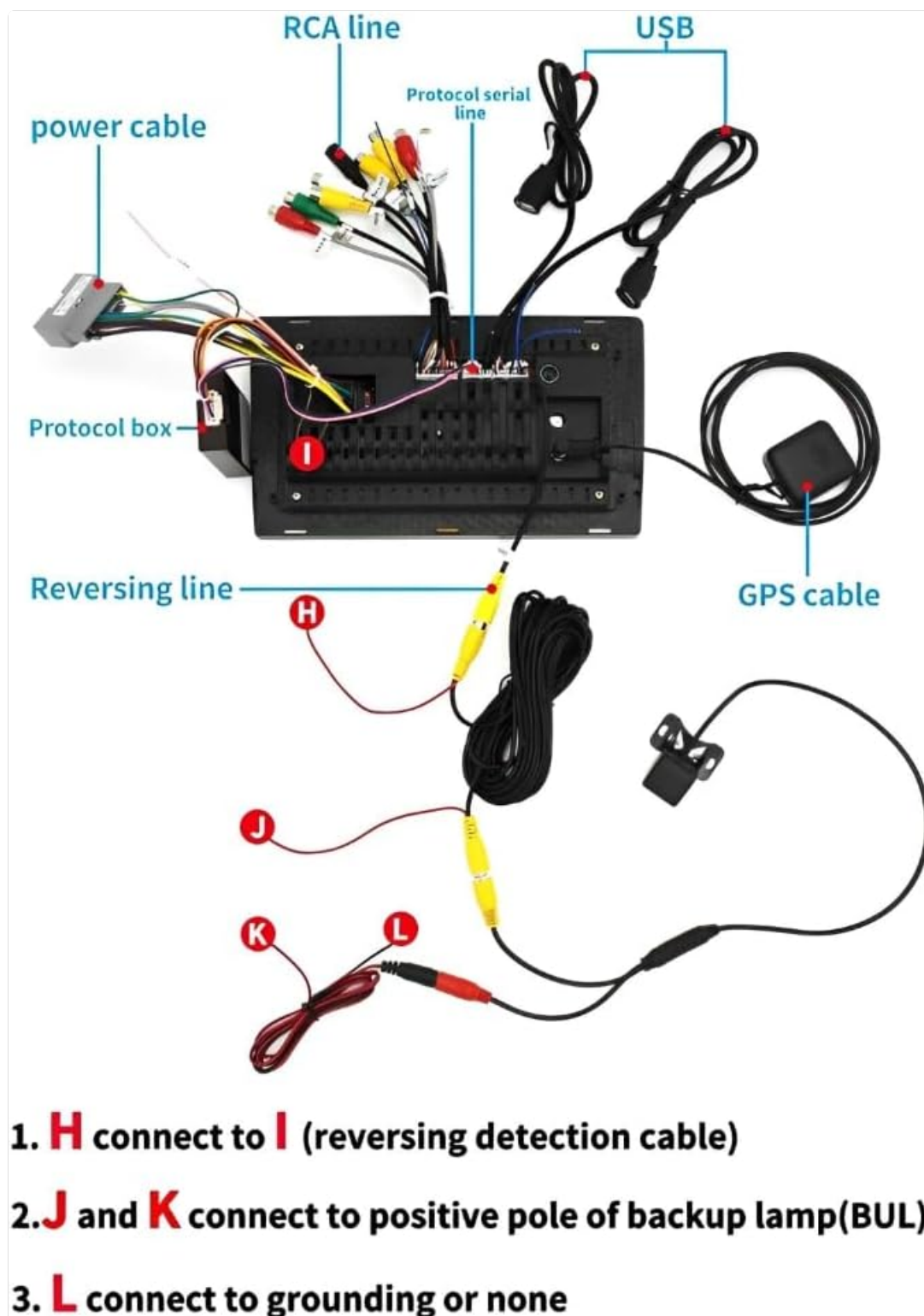


Image 4.1: Detailed wiring diagram showing connections for power, RCA, USB, GPS, and reversing camera.

- **Power Cable:** Connect to the vehicle's power harness. Ensure correct positive, negative, and accessory connections.
- **RCA Cables:** For audio/video input and output, connect to external amplifiers, monitors, or other devices.
- **USB Cables:** Connect for data transfer, charging, or external storage.
- **GPS Antenna:** Mount in a location with a clear view of the sky for optimal signal reception.
- **Reversing Line (H):** Connect to the reversing detection cable (I) on the main unit.
- **Camera Power (J) and Ground (K):** Connect J to the positive pole of the backup lamp (BUL) and K to grounding or none.

4.3 Important Note for Camera Input

During installation, ensure the white plug for the camera input is securely connected to the main device. Failure to do so will prevent Bluetooth and Wi-Fi signals from functioning correctly.

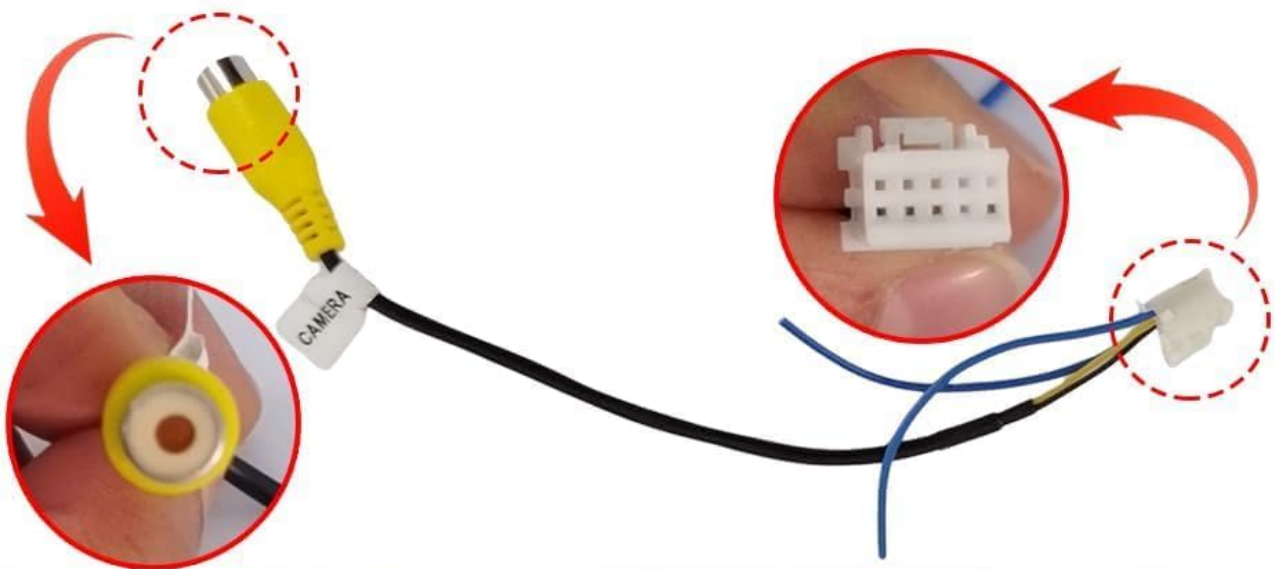


Attention

during installation

The white plug must be connected to the main device, or you can't get bluetooth and wifi signals.

(The following camera input cable is inside the package.)



Camera Input

Image 4.2: Illustration of the critical white plug connection for camera input, essential for Bluetooth and Wi-Fi functionality.

4.4 General Installation Steps

1. Remove the original car radio from the dashboard.
2. Connect the power cable, RCA cables, and other necessary wires according to the wiring diagram.
3. Connect the GPS antenna and route its cable to an appropriate location.
4. If installing a backup camera, connect its video and power cables as instructed.
5. Carefully slide the new car stereo into the dashboard opening.
6. Secure the unit with screws or mounting brackets.
7. Reconnect the vehicle's battery and test all functions before fully reassembling the dashboard.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

- **Power On/Off:** Press and hold the power button on the front panel or steering wheel control.
- **Touchscreen:** Navigate through menus and applications by tapping, swiping, and pinching on the 8-inch IPS display.
- **Volume Control:** Adjust volume using the physical buttons or on-screen controls.

5.2 Wireless CarPlay and Android Auto

The unit supports both wireless Apple CarPlay and Android Auto, allowing seamless integration of your smartphone for navigation, calls, messages, and music.



Image 5.1: Visual representation of Wireless CarPlay and Android Auto interfaces, demonstrating voice control commands.

1. Enable Bluetooth and Wi-Fi on your smartphone.
2. On the car stereo, select the CarPlay or Android Auto application.
3. Follow the on-screen prompts to pair your phone.
4. Once connected, you can use voice commands (Siri or Google Assistant) for hands-free operation.

5.3 GPS Navigation

The system includes a built-in GPS module and supports both online and offline navigation applications.



Image 5.2: Display of the GPS navigation interface, highlighting support for various online and offline map applications.

- **Online Maps:** Connect to Wi-Fi (via hotspot from your phone) to use apps like Google Maps, Waze, or Here Maps.
- **Offline Maps:** Download maps from the app store after connecting to Wi-Fi for navigation without an internet connection.

5.4 Bluetooth Connectivity

Connect your smartphone via Bluetooth for hands-free calling and audio streaming.



Image 5.3: Bluetooth interface showing options for dialing, contacts, and music playback.

1. Go to the Bluetooth settings on the car stereo.
2. Enable Bluetooth on your phone and search for available devices.
3. Select the car stereo from the list and pair.
4. Once connected, you can make/receive calls and play music wirelessly.

5.5 FM/RDS Radio

Access local radio stations with automatic or manual tuning, and enjoy RDS features where available.



Image 5.4: FM/RDS radio interface displaying frequency tuning and station information.

- Select the 'Radio' application from the main menu.
- Use the 'Search' function for automatic station scanning or manually tune to a frequency.
- Save your favorite stations for quick access.

5.6 Steering Wheel Control (SWC)

The unit supports your vehicle's existing steering wheel controls, allowing you to manage media and apps without taking your hands off the wheel.



Image 5.5: Steering wheel control learning interface, showing how to map vehicle buttons to stereo functions.

1. Access the 'Steering Learn' or 'SWC' settings in the system menu.
2. Follow the on-screen instructions to program each button on your steering wheel to the desired function (e.g., volume up/down, track skip).

5.7 Mirror Link

Mirror Link allows you to display your smartphone screen directly onto the car stereo's display, enabling access to navigation, videos, and other apps.

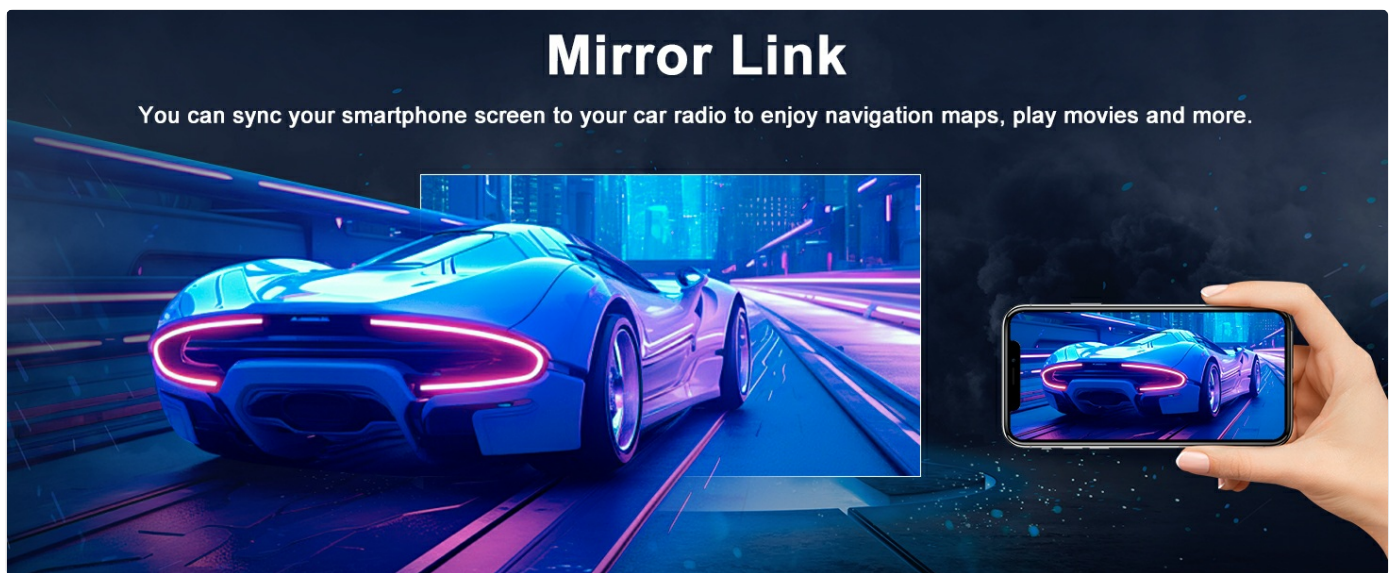


Image 5.6: Mirror Link functionality, showing a smartphone screen mirrored onto the car stereo display.

1. Select the 'Mirror Link' application on the car stereo.
2. Follow the specific instructions for connecting your Android or iOS device (may require a USB cable or Wi-Fi connection).

5.8 Split Screen Function

Utilize the split-screen feature to run two applications simultaneously, such as navigation and music playback.

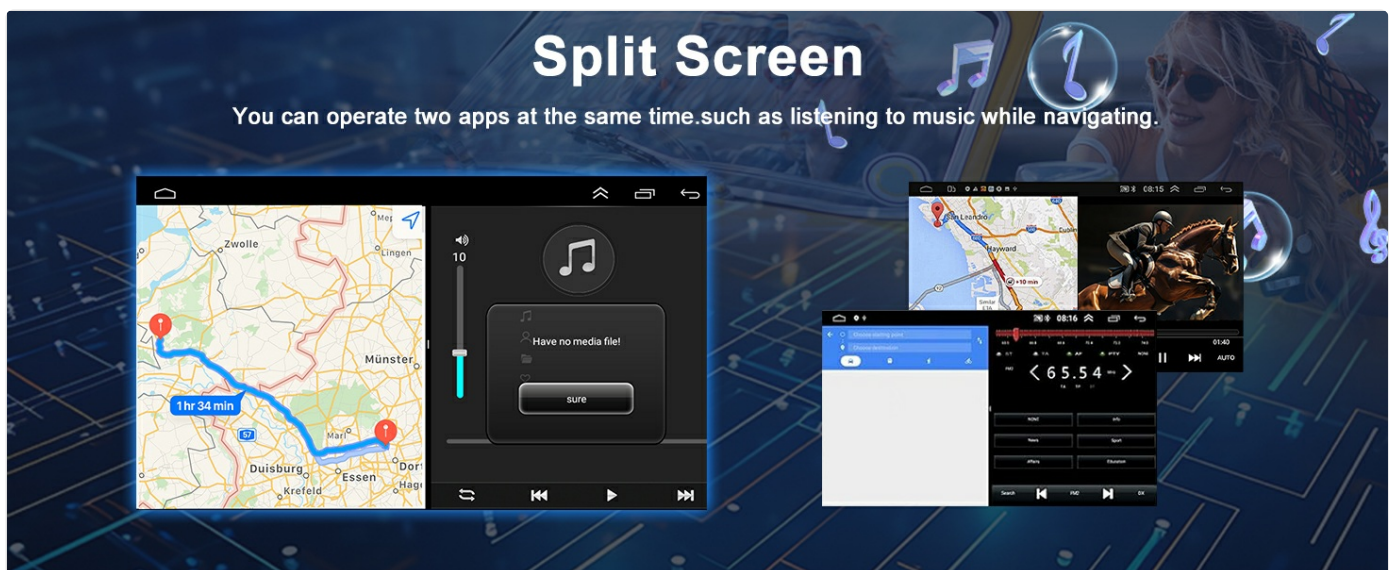


Image 5.7: Split screen view demonstrating two applications, such as navigation and a media player, operating simultaneously.

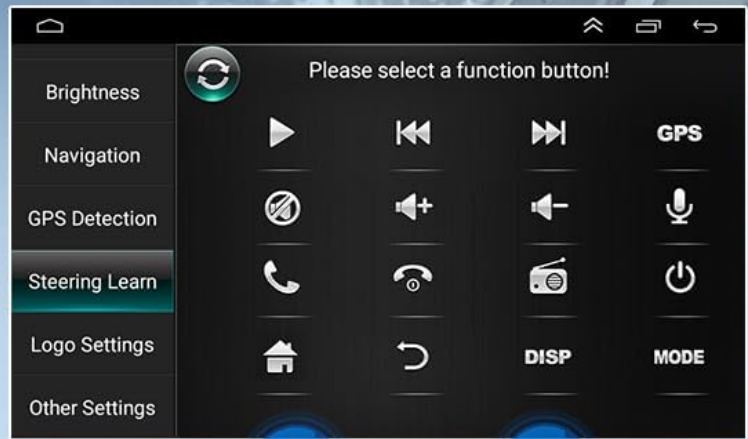
1. While an app is open, swipe from the side or use the designated split-screen button (if available) to activate the feature.
2. Select a second application to run alongside the first.

5.9 Back-up Camera Support

The unit supports front and rear view cameras, automatically displaying the camera feed when the vehicle is in reverse.

Steering Wheel Control

It supports the steering wheel control functions. Easy to switch songs and radio channels, which is more convenient.



Back-up Camera

support front & rear view camera with an automatic display image when in reverse.



Image 5.8: Illustration of the back-up camera system, showing automatic display activation when reversing.

- Ensure the camera is correctly wired to the reversing light and the unit's camera input.
- The display will automatically switch to the camera view when the vehicle is shifted into reverse.

6. MAINTENANCE

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. Do not use abrasive cleaners or solvents.
- **Software Updates:** Periodically check the manufacturer's website or system settings for available software updates to ensure optimal performance and access to new features.
- **General Care:** Avoid placing heavy objects on the unit or exposing it to excessive dust or moisture.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check power cable connections. Inspect vehicle fuses. Ensure battery is charged.
No sound.	Volume too low, incorrect audio source, speaker wiring issue.	Increase volume. Select correct audio source. Check speaker connections.
Bluetooth/Wi-Fi not working.	White plug for camera input not connected, module error.	Ensure the white plug for camera input is securely connected (refer to Section 4.3). Restart the unit.
GPS signal weak or lost.	GPS antenna improperly placed or faulty.	Relocate GPS antenna to a position with a clear view of the sky. Check antenna connection.
Touchscreen unresponsive.	System freeze, temporary software glitch.	Perform a soft reset (refer to manual for specific reset procedure, usually a small reset button).

8. SPECIFICATIONS

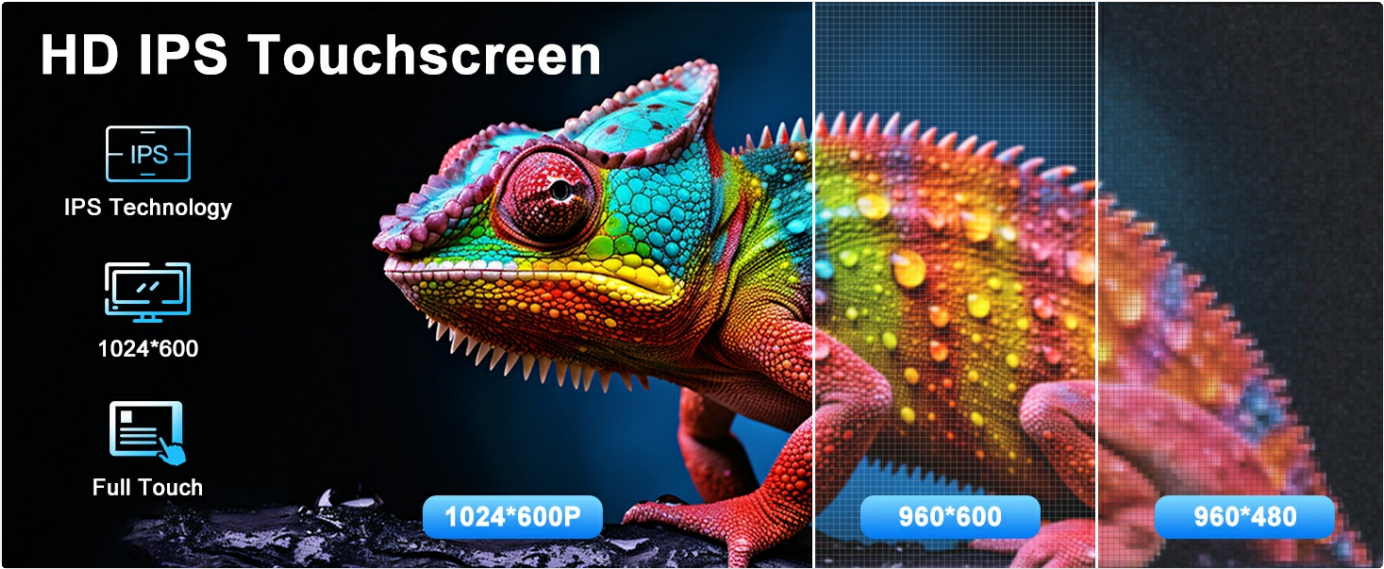


Image 8.1: Visual comparison highlighting the clarity and resolution of the HD IPS Touchscreen.

Feature	Detail
Model	2G+64G
Operating System	Android 14.0
RAM + ROM	2GB RAM + 32GB ROM (or 2GB RAM + 64GB ROM depending on variant)
Screen Size	8-inch IPS Touchscreen
Compatible Vehicles	Chevrolet Cobalt 2008-2009
Connectivity	Bluetooth, USB, Wi-Fi

Feature	Detail
Special Features	Wireless CarPlay, Wire Android Auto, Steering Wheel Control, GPS Navigation, Bluetooth, Wi-Fi, IPS Touchscreen, Split Screen, FM/AUX, AV IN, RCA, RLV
Audio Output Mode	Stereo
Control Method	Touch

9. WARRANTY AND SUPPORT

Oskkude products are designed for quality and reliability. While specific warranty details may vary, please retain your proof of purchase for any warranty claims.

- For technical assistance, troubleshooting, or warranty inquiries, please contact Oskkude customer support.
- Refer to the packaging or the official Oskkude website for the most current contact information.
- Please have your product model and purchase date ready when contacting support.