Pyniro ZX-US-CLP4B-1

Pyniro Single Din Car Stereo User Manual

Model: ZX-US-CLP4B-1

Brand: Pyniro

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Pyniro Single Din Car Stereo. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.

2. SAFETY INFORMATION

- Ensure all wiring is correctly connected according to the provided diagrams to prevent electrical shorts or damage.

- Always disconnect the vehicle's battery before beginning installation to avoid electrical hazards.

- Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.

- This unit is designed for 12-14.4V DC voltage, with a maximum current of 15A. Do not use with 24V systems (e.g., large trucks).

- Insulate all wires properly to prevent contact between positive and negative terminals.

3. WHAT'S IN THE BOX

The package includes the following components:

- 1 Din radio
- Screwdriver
- Power Cable
- Crowbar
- Microphone
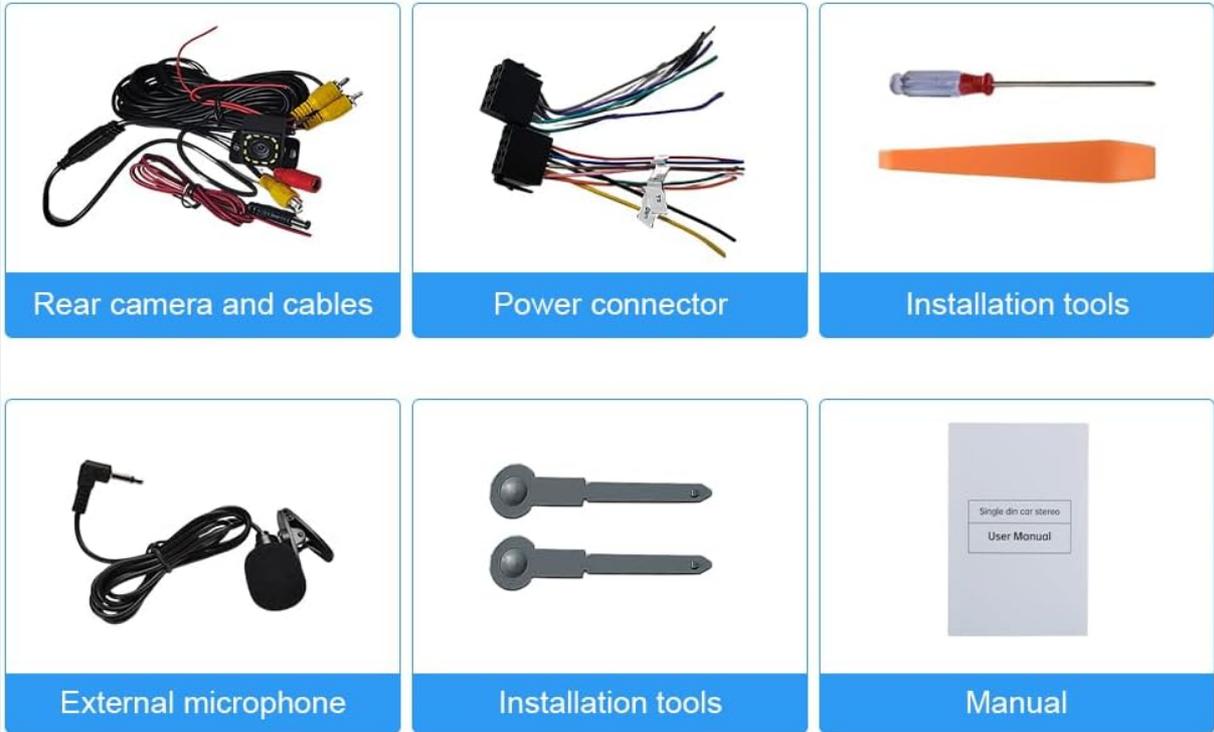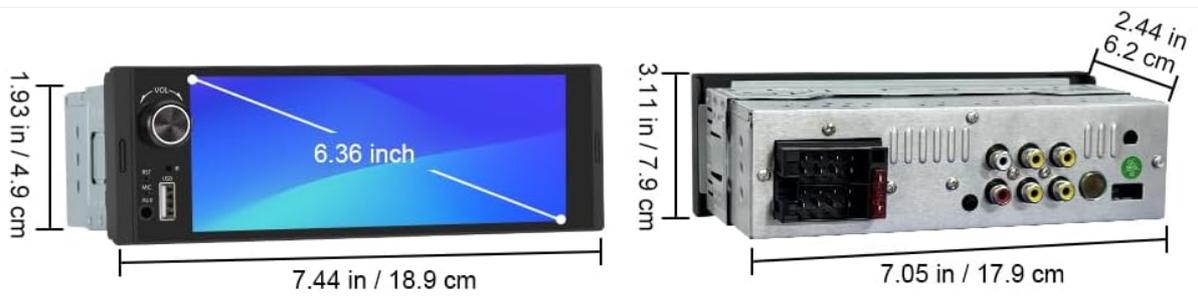- Screws
- Rear View Camera
- User Manual

Image: Package contents showing the head unit, rear camera, wiring, and tools.

4. Setup and Installation

4.1. General Installation Guidelines

The Pyniro Single Din Car Stereo features a standard 1 DIN size for compatibility with most vehicle dashboards. Before installation, refer to the dimension and wiring diagrams provided in this manual and on the product page to ensure compatibility with your vehicle. Professional assistance is recommended for complex installations.

4.2. Wiring Diagram

Carefully follow the wiring diagram below. Incorrect wiring can lead to malfunction or damage to the unit and vehicle electrical system.
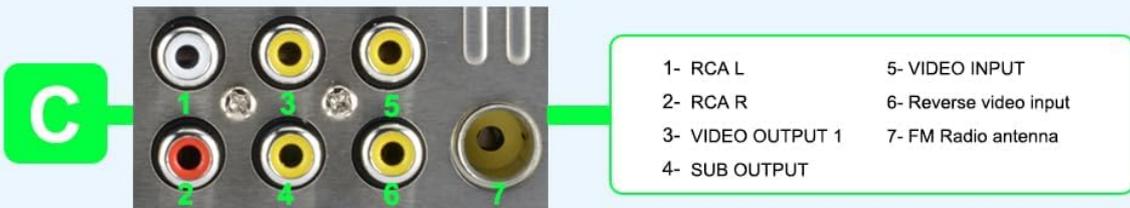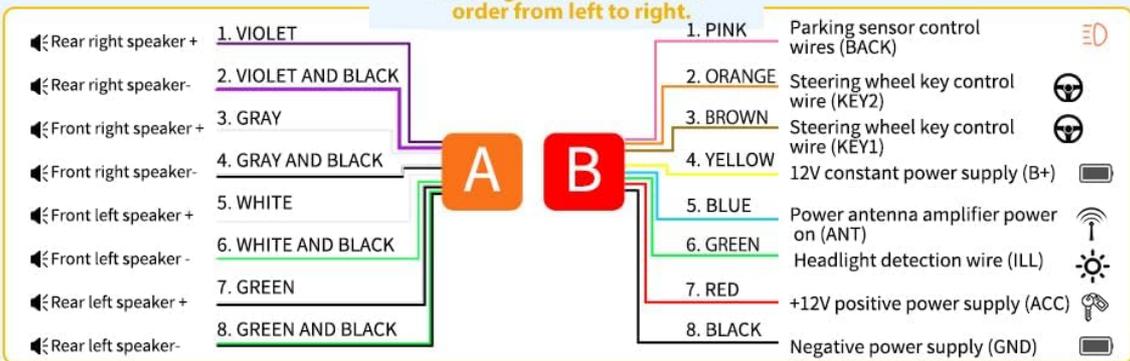
Image: Cable Definition Diagram for the car stereo.

Plug A (Speaker Connections):

- 1. Violet: Rear Right Speaker +
- 2. Violet and Black: Rear Right Speaker -
- 3. Gray: Front Right Speaker +
- 4. Gray and Black: Front Right Speaker -
- 5. White: Front Left Speaker +
- 6. White and Black: Front Left Speaker -
- 7. Green: Rear Left Speaker +
- 8. Green and Black: Rear Left Speaker -

Plug B (Power and Control Connections):

- 1. Pink: Parking Sensor Control Wires (BACK)
- 2. Orange: Steering Wheel Key Control Wire (KEY2)
- 3. Brown: Steering Wheel Key Control Wire (KEY1)
- 4. Yellow: +12V Constant Power Supply (B+)
- 5. Blue: Power Antenna Amplifier Power On (ANT)
- 6. Green: Headlight Detection Wire (ILL)

- 7. Red: +12V Positive Power Supply (ACC)
- 8. Black: Negative Power Supply (GND)

Plug C (RCA and Video Connections):

- 1. RCA L
- 2. RCA R
- 3. Video Output 1
- 4. Sub Output
- 5. Video Input
- 6. Reverse Video Input
- 7. FM Radio Antenna

4.3. Rear Camera Connection

The included waterproof HD backup camera enhances parking safety. Connect it as follows:

- Connect the camera's video output to the 'Reverse Video Input' (Plug C, pin 6) on the stereo.
- Connect the camera's red power wire to the positive wire of your car's reverse light.
- Connect the camera's black ground wire to the negative wire of your car's reverse light.
- Connect the 'BACK' wire (Pink, Plug B, pin 1) from the power harness to the reverse light signal wire. This enables automatic switching to the rear view when reversing.

The method to connect the rear camera

Connect this wire to the BACK wire of the power harness

Connect this black wire to the negative wire of the car's reverse light

Connect this red wire to the positive wire of the car's reverse light

1 2 3 4 5 6 7
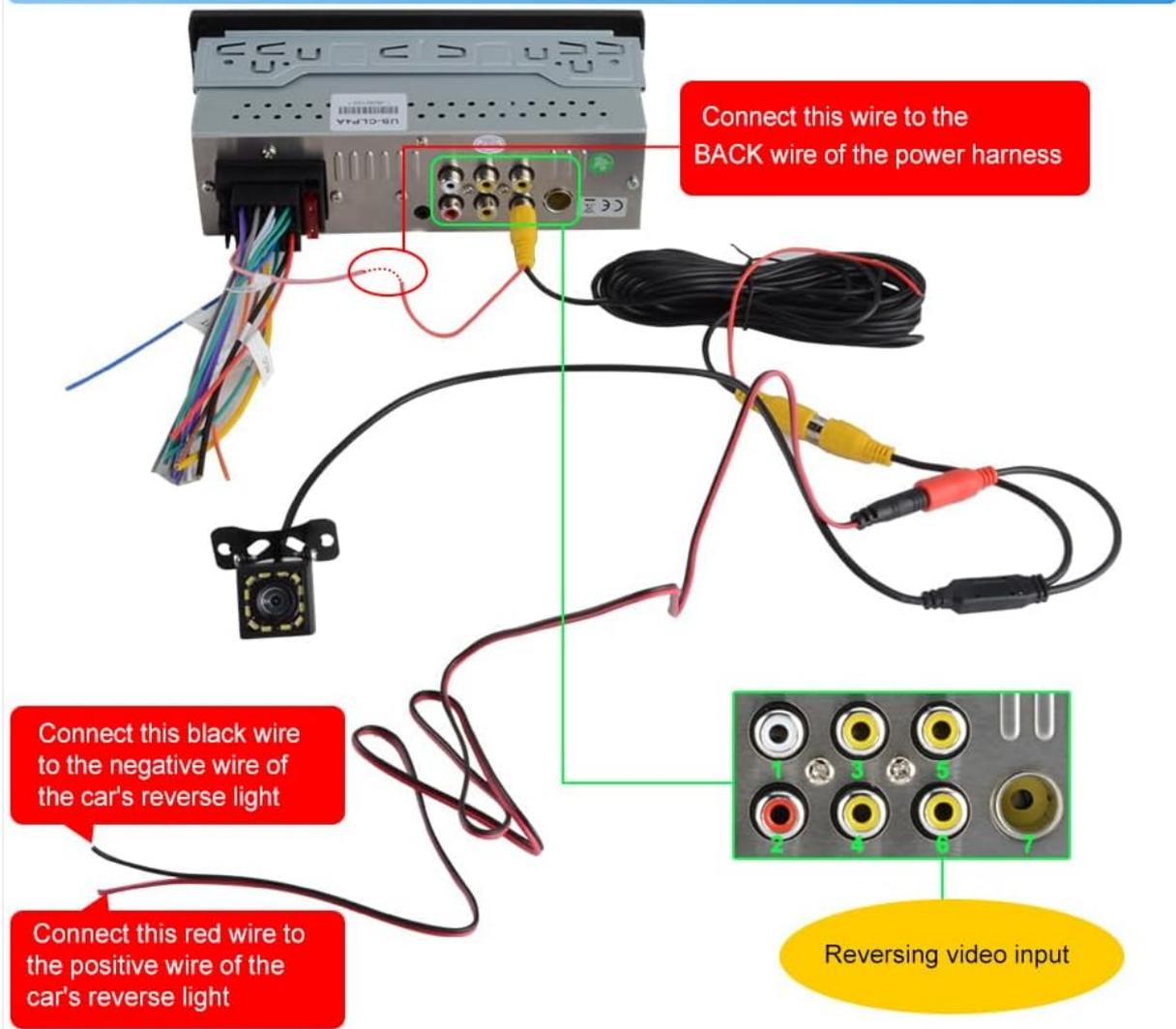
Reversing video input

Image: Method to connect the rear camera.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off and Volume

- To power on the unit, ensure the vehicle's ignition is on. The stereo should power on automatically.
- Use the physical volume knob on the left side of the unit to adjust the audio level.

5.2. Touchscreen Interface

The 6.36-inch HD IPS touchscreen provides clear visuals and responsive control. Navigate through menus and applications by tapping or swiping.

5.3. CarPlay & Android Auto

Enjoy seamless smartphone integration with both wired and wireless CarPlay and Android Auto.

- **Wireless Connection:** Connect your smartphone via Bluetooth. Ensure your phone's Wi-Fi is also enabled for wireless Android Auto.
- **Wired Connection:** Connect your smartphone using a USB cable to the USB-A port on the front panel.

- Once connected, you can access navigation, music, calls, and messages directly on the stereo's touchscreen.
- Use Siri or Google Assistant for hands-free control.

Image: CarPlay and Android Auto interface on the stereo screen.

5.4. Bluetooth Functionality

The built-in Bluetooth allows for hands-free calling and high-quality music streaming.

- **Pairing:** Go to the Bluetooth settings on the stereo and your phone to pair the devices. The Bluetooth name is typically 'CAR BT_CFC6' with a pairing code of '0000'.
- Once paired, you can make/receive calls and stream audio from your phone.

Image: Bluetooth, FM Radio, and Equalizer functions.

5.5. FM Radio

Access your favorite radio stations with clear and uninterrupted FM reception.

- Navigate to the FM Radio interface on the touchscreen.
- Tune to stations manually or use the scan function.
- Save preferred stations as presets for quick access.

5.6. Customizable EQ

Fine-tune your audio experience with the built-in Equalizer (EQ).

- Access the EQ settings through the main menu.
- Adjust various frequency bands to customize the sound to your preference.

5.7. USB and Type-C Connectivity

The unit is equipped with a Type-C fast charging port (2.1A) and a USB-A port for flash drives.

- Use the Type-C port for fast charging compatible devices.
- Connect USB flash drives to the USB-A port for media playback.

5.8. Steering Wheel Controls

The stereo supports steering wheel controls for convenient operation. Refer to the wiring diagram for connection details (KEY1, KEY2 wires). Note: This stereo does not come with Canbus. If your car requires Canbus to retain controls, this radio does not support it.

5.9. Backup Camera Operation

When the vehicle is shifted into reverse, the system automatically switches to the rear view display, providing a clear 1080P night vision image with ultra-wide-angle view. This feature works effectively even in low-light or rainy conditions, making parking easier and safer.
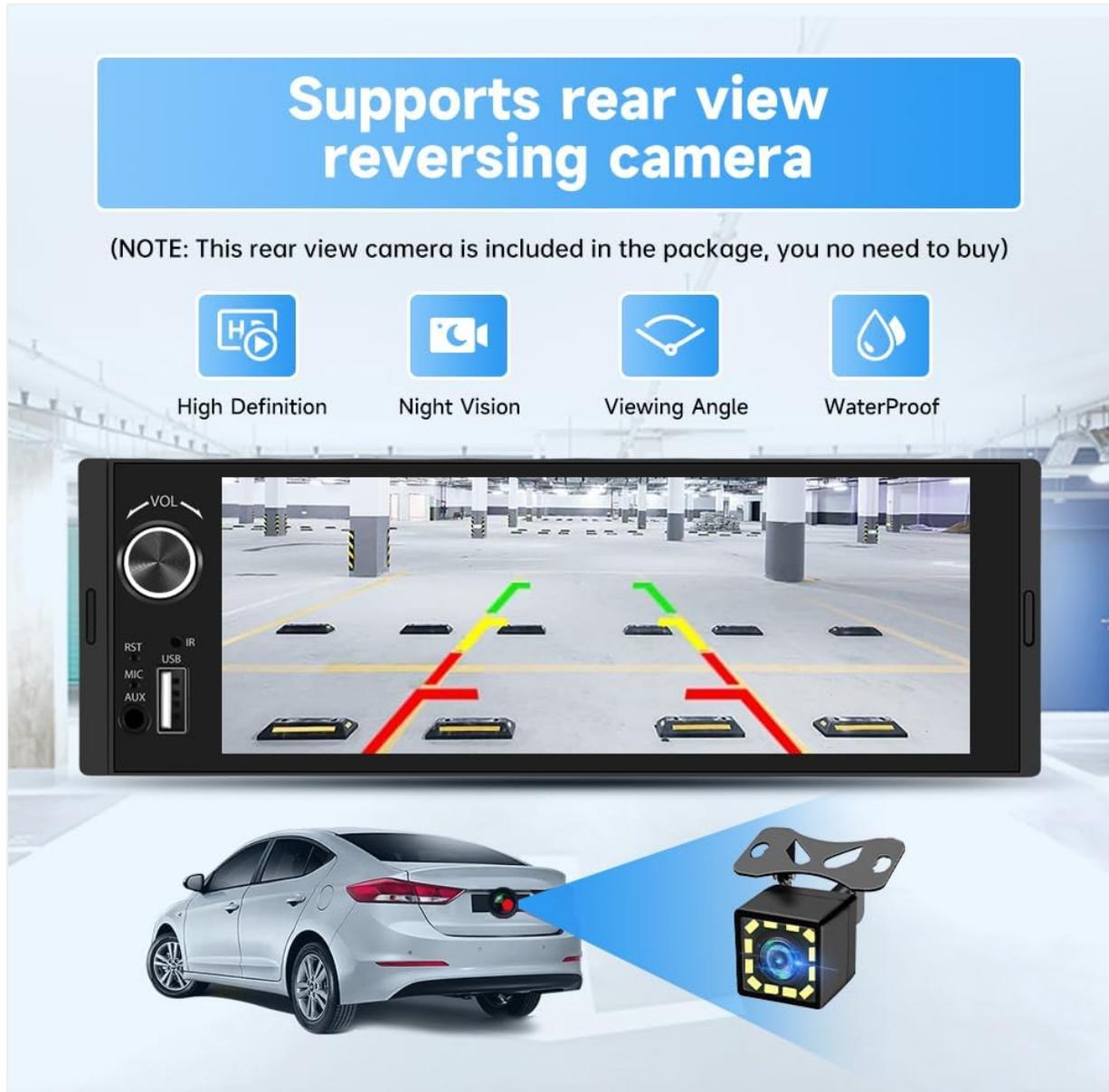

Image: Rear view reversing camera support.

6. COMPATIBILITY

6.1. CarPlay Requirements (iPhone)

- An iPhone with iOS 6 or higher.
- The CarPlay system must be turned on.
- Siri must be enabled on your iPhone.

6.2. Android Auto Requirements (Android)

- A phone that supports 5GHz Wi-Fi.

- A phone with Android 11 or higher.

- The Android Auto app must be installed and updated to the latest version.

6.3. Important Compatibility Notes

- Not perfectly compatible with Samsung Note and S series.

- Before purchasing, ensure your phone is compatible with wireless CarPlay and wireless Android Auto.

- Some phone models incompatible with Android Auto include: OnePlus Nord 2T, OnePlus Nord CE2 5G, OPPO CPH2161, OPPO A16s, OPPO RENO 2, OPPO RENO2 Z, Samsung S23, Samsung Note 20, Samsung S20, Samsung M22, Samsung S23 Ultra, Galaxy A20 (model SM-A205g), Huawei P30, Huawei P30 Pro, Huawei P40 Pro, Huawei P20 Pro, Huawei P20, Huawei P30 Lite MAR-LX1A, Huawei Mate 20, Huawei Mate 20 Pro, Huawei P Smart 2019-POT-LX1, Huawei Nova 5t, Huawei Mate Lite 10, Honor 90, Xiaomi 11 Lite, Xiaomi 12 Pro, Redmi 9, Xiaomi 9.

Compatibility for iPhone and Android Phone

CARPLAY

To use wireless CarPlay, you must meet the following requirements:
- An iPhone with iOS 6 or higher.
- It also requires the CarPlay system
- The iPhone voice system must be turned on.
- Check if Siri is enabled.

ANDORIOD

To use wireless Android Auto, you must meet the following requirements:
- A phone that supports 5GHz Wi-Fi
- A phone with Android 11 or higher.
- A phone that supports the Android Auto app and updates to the latest version.

NOTA
- Not perfectly compatible with Samsung Note and S series.
- Before purchasing, make sure your phone is compatible with wireless CarPlay or wireless Android Auto.

Phone models incompatible with Android

OnePlus Nord 2T, OnePlus Nord CE2 5G, OPPO CPH2161, oppo A16S, OPPO RENO 2, OPPO RENO2 Z, Samsung S23, Samsung note 20, Samsung S20, Samsung m22, Samsung S23 Ultra, Galaxy A20 (model SM-A205g), Huawei p30, Huawei p30 pro, Huawei P40 Pro, Huawei P20 Pro, Huawei P20, Huawei P30 lite MAR-LX1A, Huawei Mate 20, Huawei Mate 20 pro, Huawei P smart 2019-POT-LX1, Huawei nova 5t, Huawei MATE LITE 10, Honor 90, Xiaomi 11 lite, Xiaomi 12 pro, redmi 9, Xiaomi 9

Image: Compatibility for iPhone and Android Phone.

7. TROUBLESHOOTING

7.1. Memory Function Not Working After Power-Off

If the stereo does not retain settings after the vehicle is turned off, it may be due to incorrect wiring between the ACC wire (red) and the B+ wire (yellow). Ensure the yellow wire is connected to the positive terminal of the constant current battery to activate the memory function.

7.2. Stereo Does Not Turn On

If the car stereo fails to power on, check the wiring connections. Use the provided wiring harness and ensure the yellow wire is connected to the positive terminal of the battery, the black wire to the negative terminal, and the red wire to the ACC (car key fob) for proper power supply.

7.3. Stereo Stays On After Car Is Off

Ensure the red wire is correctly connected to the ACC (car key fob). This connection ensures the single din car stereo turns off when the car is off, preventing it from draining the battery.

7.4. Preventing Short Circuits

Always insulate all wires correctly after making connections to prevent the positive and negative terminals from touching. This avoids short circuits and other safety hazards.

8. SPECIFICATIONS

Item Model Number	ZX-US-CLP4B-1
Package Dimensions	7.91 x 5.04 x 4.06 inches
Item Weight	1.6 pounds
Brand	Pyniro
Connectivity Technology	Auxiliary, Bluetooth, USB, Wi-Fi
Controller Type	Hand Control
Special Features	Android Auto, Apple CarPlay, Built-In Bluetooth, Built-In Wi-Fi, Rear View Camera Input
Compatible Devices	Smartphone
Connector Type	RCA
Audio Output Mode	Stereo
Surround Sound Channel Configuration	5.1
Video Encoding	H.264, H.265/HEVC, MPEG-4
Color	Black

9. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the touchscreen and exterior surfaces. Avoid abrasive cleaners or solvents that could damage the finish.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, for extended periods.

- **Moisture:** Keep the unit dry. Moisture can cause internal damage.

10. WARRANTY AND SUPPORT

Your Pyniro Single Din Car Stereo comes with a 2-Year Warranty. We also offer 24/7 support to assist you with any inquiries or issues.

- **Warranty Coverage:** The 2-year warranty covers component repair or replacement for valid cases.
- **Support:** Dedicated support is available via email and online platforms.
- **Contact:** For support, please email radio-servicio@hotmail.com.