

BXLIYER Android 12 IPS Car Stereo

BXLIYER Android 12 IPS Car Stereo User Manual

For Mitsubishi Lancer (2010-2016)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your BXLIYER Android 12 IPS Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This unit is designed specifically for Mitsubishi Lancer models manufactured between 2010 and 2016.

2. PRODUCT OVERVIEW

The BXLIYER Android 12 IPS Car Stereo is an advanced in-dash navigation and entertainment system featuring a 10.1-inch display. It integrates seamlessly with your vehicle's existing systems, offering a modern upgrade to your driving experience.

Key Features:

- **Operating System:** Android 12 with 2GB RAM and 32GB ROM.
- **Processor:** Powerful Cortex A7 quad-core for stable and fast performance.
- **Display:** 10.1-inch IPS screen with 1024*600 resolution for wide viewing angles and clear visuals.
- **Connectivity:** Built-in Wireless CarPlay and Android Auto, Bluetooth 5.0, Wi-Fi, USB, MicroSD.
- **Navigation:** Online and offline GPS navigation with 3D maps and voice guidance.
- **Audio:** DSP (Digital Signal Processor) for enhanced sound quality, AM/FM radio with RDS.
- **Video:** 1080P HD video playback, Mirror-Link for iOS and Android devices.
- **Convenience:** Fast Boot (system access in less than 2 seconds), Split Screen mode, Steering Wheel Control support, Reversing Mode with included rear view camera.
- **Customization:** Multicolor button illumination, support for multiple languages.



Image 2.1: The BXLIYER Android 12 IPS Car Stereo main unit with its 10.1-inch display, showing navigation and system information.

3. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your car stereo. It is recommended that installation be performed by a qualified professional.

3.1. Package Contents:

Before installation, verify that all components are present:

- Main Head Unit (Autoradio)
- Vehicle-specific Frame
- Power Socket A
- RCA Output Socket A, B, C
- Camera Input Cable
- GPS Antenna
- USB Cables (x2)
- Installation Brackets
- Rear View Camera (Gift)
- User Manual / Instructions

Autoradio

Frame



Applicable Models & Years For Mitsubishi LANCER (2006-2016)



Image 3.1: The main autoradio unit and the custom frame designed for Mitsubishi Lancer (2006-2016) models. The image also shows a 'Before' and 'After' comparison of the dashboard.

3.2. Wiring Connections:

Refer to the wiring diagram for correct connections. Ensure all cables are securely connected to prevent malfunctions.

Languages & Multicolor illumination

Support up to 196 languages, you can also customize the button light color you like

RGB color button light





Installation Tips

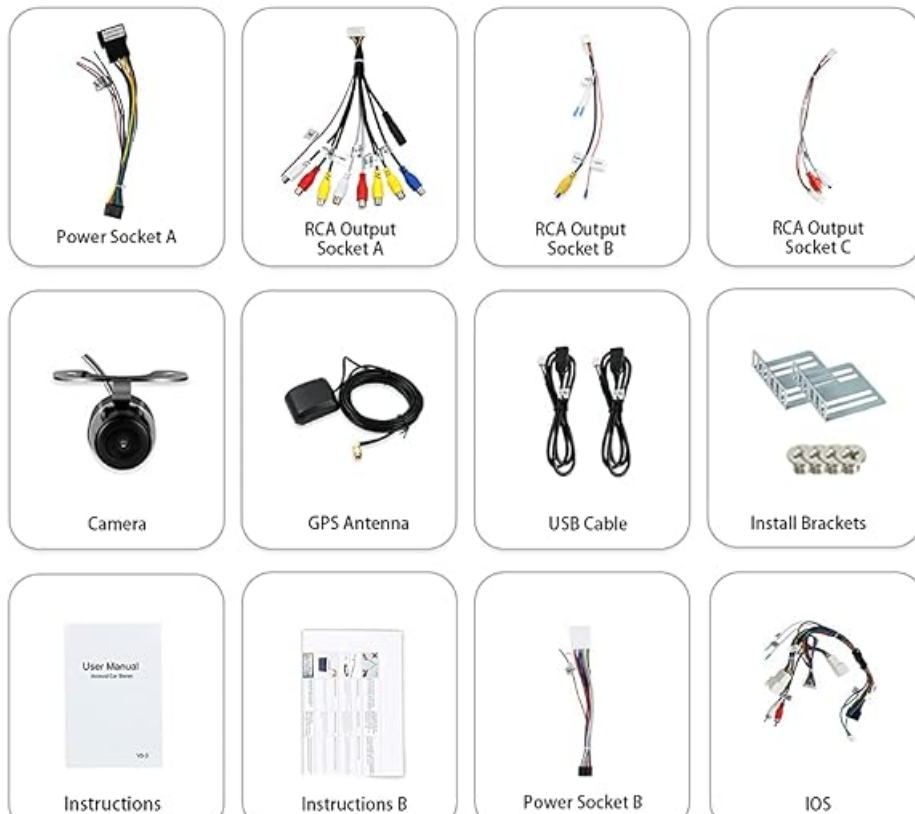
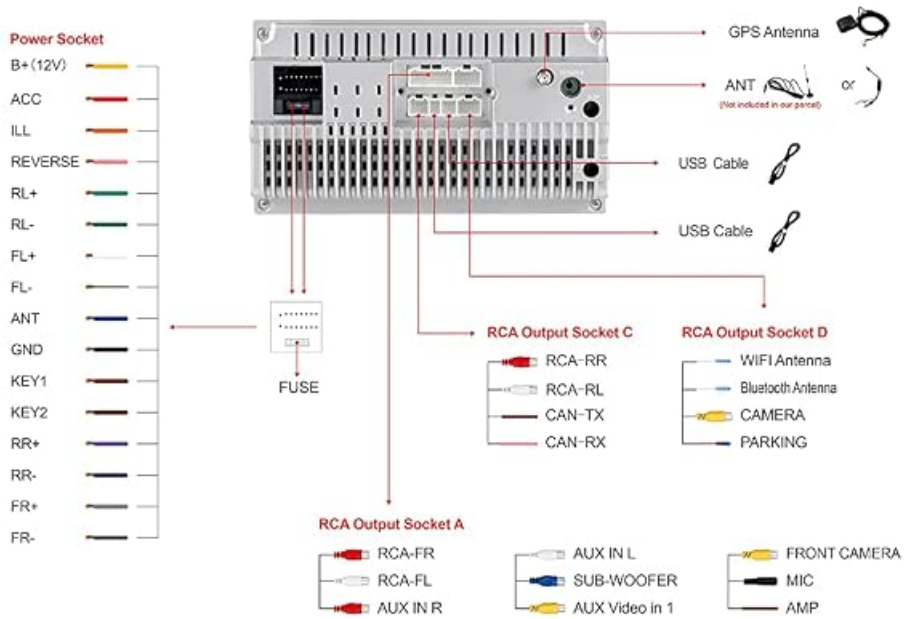


Image 3.2: Detailed wiring diagram showing connections for power, GPS antenna, USB, camera, RCA outputs (A, B, C, D), CAN-TX/RX, and other inputs. Below the diagram are images of the various cables and accessories included in the package, such as power sockets, RCA cables, GPS antenna, USB cables, installation brackets, camera, and user manuals.

- **Power Socket:** Connect the main power harness to your vehicle's wiring.
- **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky for optimal signal reception.
- **USB Cables:** Connect the provided USB cables for external device connectivity and data transfer.
- **Rear View Camera:** Connect the included rear view camera for automatic display when reversing.
- **RCA Outputs:** Use RCA output sockets for connecting external amplifiers or subwoofers.
- **Steering Wheel Control:** Connect the steering wheel control wires to integrate with your vehicle's steering wheel buttons.

4. OPERATING INSTRUCTIONS

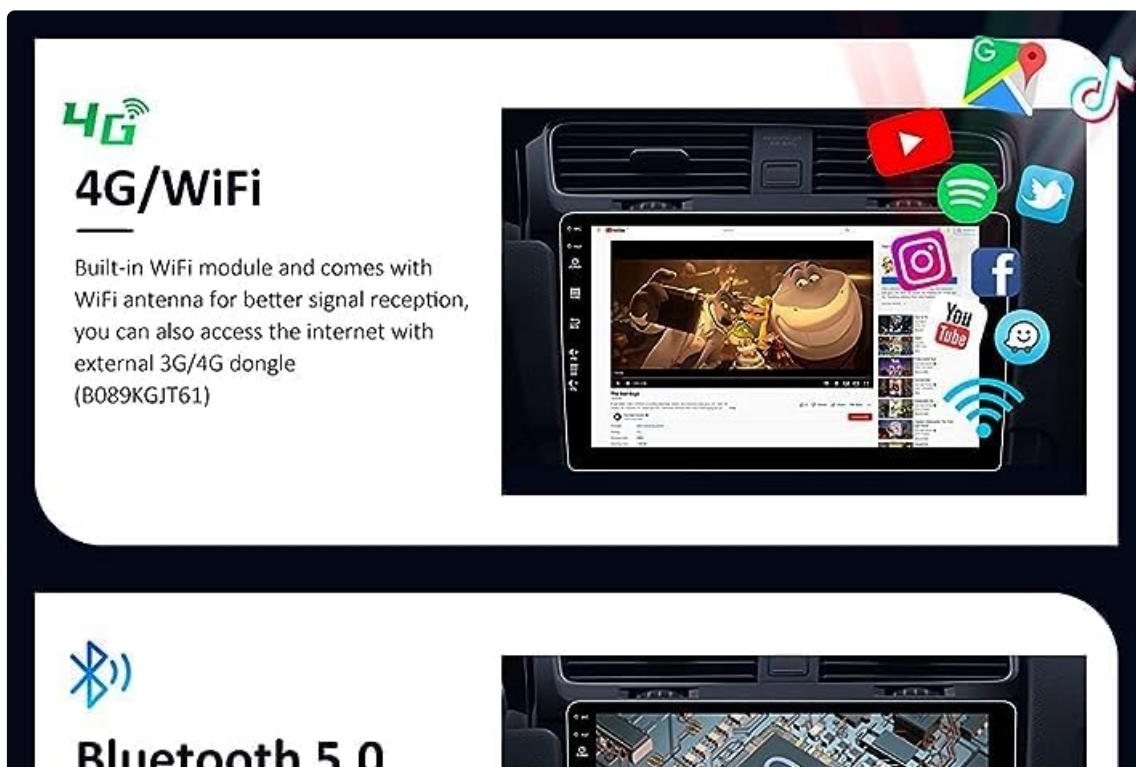
4.1. Initial Setup:

1. Upon first power-on, the system will perform a fast boot, typically within 2 seconds.
2. Follow the on-screen prompts to select your language and set up basic preferences.
3. Connect to a Wi-Fi network to enable online features, download apps, and update Google services.

4.2. Wireless CarPlay and Android Auto:

The unit features integrated Wireless CarPlay and Android Auto. This allows you to seamlessly use your smartphone's functions directly on the car stereo display.

- **Connection:** Connect your smartphone wirelessly via Bluetooth or a wired USB connection.
- **Functions:** Access navigation, make calls, send messages, and play music using voice control (Siri for CarPlay, Google Assistant for Android Auto) or the touchscreen.



4G/WiFi

Built-in WiFi module and comes with WiFi antenna for better signal reception, you can also access the internet with external 3G/4G dongle (B089KGT61)

Bluetooth 5.0

Bluetooth 5.0 technology provides faster transmission speed and longer effective distance. Answer and make hands-free calls in seconds by pairing it with your smartphone, play music and sync phonebook.



Steering Wheel Control

You can easily control the car stereo like switch songs, switch channels, adjust volume, answer phone call and so on while driving, which helps you minimize distractions and keep eyes on the road.



Built-in CarPlay/Android Auto & Fastboot

Connect your smartphone to car stereo wirelessly through Bluetooth or wired through USB cable. The start time is less than 2 seconds.



Image 4.1: This image illustrates several key features: 4G/WiFi connectivity for internet access, Bluetooth 5.0 for hands-free calls and music streaming, Steering Wheel Control integration for safe operation, and the interface for Wireless CarPlay and Android Auto.

4.3. Bluetooth 5.0:

Bluetooth 5.0 provides a fast and stable connection for hands-free calling and multimedia streaming.

- **Pairing:** Go to the Bluetooth settings on the stereo and your phone to pair devices.
- **Functions:** Make/receive calls, access phonebook, and stream audio from your paired device.

4.4. Steering Wheel Control:

Control essential functions of the stereo directly from your vehicle's steering wheel buttons, minimizing distractions while driving.

- **Configuration:** Access the steering wheel control settings in the system menu to map functions to your vehicle's buttons.
- **Controls:** Typically includes volume adjustment, track skipping, and call answering/ending.

4.5. Split Screen Mode:

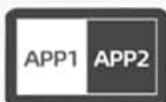
Run two applications simultaneously side-by-side on the display.

- **Activation:** Long-press the recent apps button or use the split-screen icon in compatible apps.
- **Usage:** For example, use navigation on one side and a music player or video on the other.



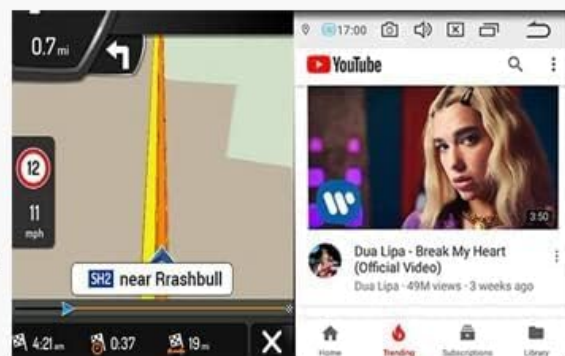
Support DAB+ (optional)

With the DAB+ antenna receiver, you can enjoy more of your favorite digital audio broadcasting radio channels. need to purchase DAB adapter separately (B08HCL44SH)



Split Screen Mode

Run two apps side by side. For instance, you can open two windows to run navigation on the left while using the video app to play video on the right.



Mirror-Link Mode

Mirror your smartphone via USB cable or WiFi connection. View and control your phone on the car stereo screen. work for iPhone and Android phone



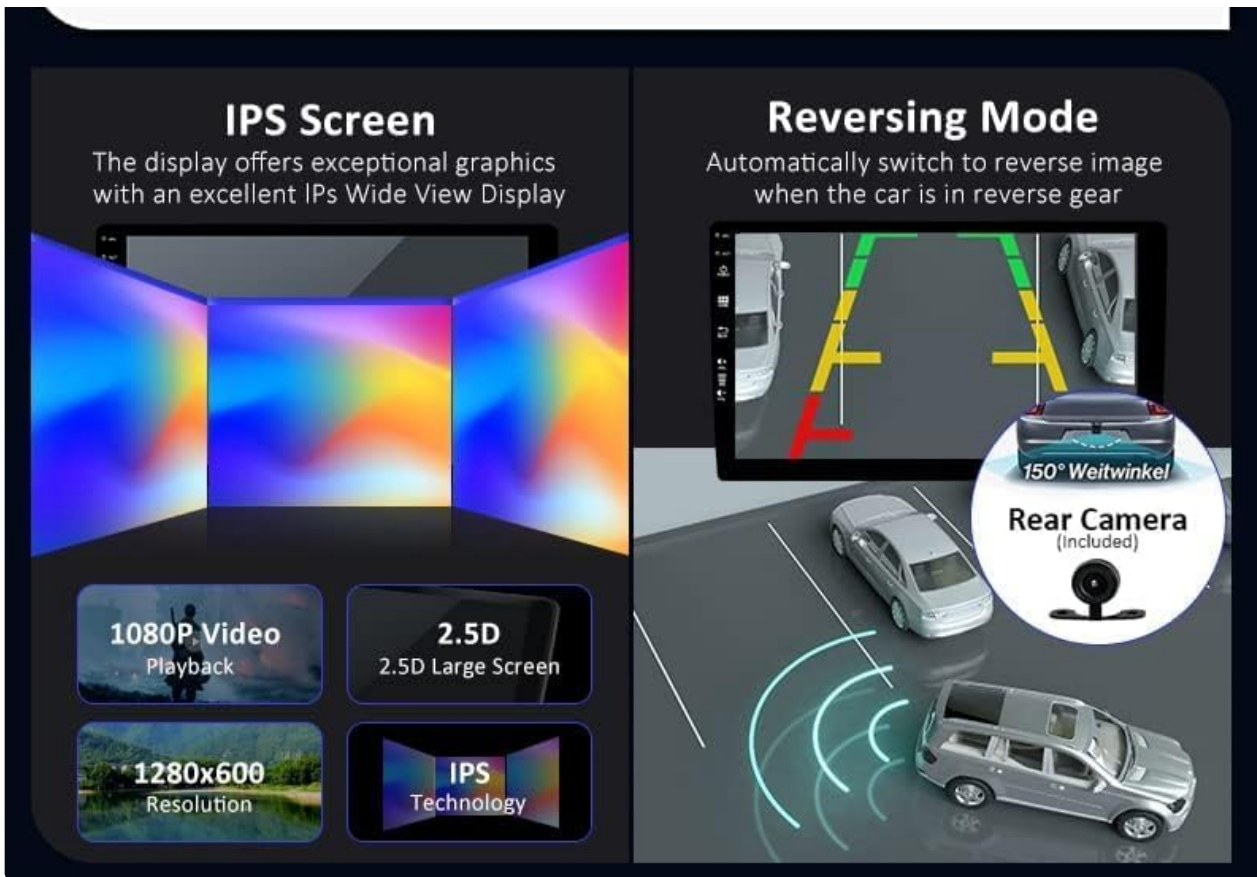


Image 4.2: This image highlights several features: DAB+ support (optional adapter required), Split Screen Mode for multitasking, Mirror-Link Mode for phone mirroring, the benefits of the IPS Screen (1080P Video, 2.5D Large Screen, 1280x600 Resolution, IPS Technology), and Reversing Mode with automatic camera display.

4.6. DAB+ Support (Optional):

Enjoy high-quality digital audio broadcasting with an optional DAB+ adapter (B08HCL44SH).

- **Connection:** Connect the DAB+ adapter to the unit.
- **Scanning:** Scan for available DAB+ stations in your area.

4.7. Mirror-Link Mode:

Mirror your smartphone's screen (iOS or Android) onto the car stereo display via USB cable or Wi-Fi connection.

- **Connection:** Follow the on-screen instructions in the Mirror-Link app on the stereo to connect your phone.
- **Control:** View and control your phone's content directly from the stereo screen.

4.8. Reversing Mode:

When the vehicle is shifted into reverse gear, the system automatically switches to display the feed from the connected rear view camera.

- **Activation:** Automatic upon engaging reverse gear.
- **Assistance:** Provides a wide-angle view (150° recommended) to aid in parking and maneuvering.

4.9. Languages & Multicolor Illumination:

Customize the user interface and button lighting.

- **Languages:** Support for up to 196 languages. Adjust in system settings.
- **Button Light:** Customize the RGB color of the physical buttons to match your vehicle's interior or personal preference.

5. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for system software updates via Wi-Fi to ensure you have the latest features and security patches.
- **Temperature:** Avoid exposing the unit to extreme temperatures.
- **Connections:** Ensure all cables remain securely connected.

6. TROUBLESHOOTING

If you encounter issues with your car stereo, refer to the following common troubleshooting steps:

- **No Power:** Check all power connections and the vehicle's fuse box. Ensure the ACC and B+ wires are correctly connected.
- **No Sound:** Verify speaker connections. Check volume levels and audio output settings (e.g., DSP settings). Ensure external amplifiers (if used) are powered on.
- **GPS Signal Loss:** Ensure the GPS antenna is mounted in a clear location and its connection is secure.
- **Bluetooth/Wi-Fi Connection Issues:** Restart the unit and your mobile device. Re-pair Bluetooth devices. Check Wi-Fi network settings.
- **Touchscreen Unresponsive:** Perform a system reset (refer to the reset button location, often a small pinhole).
- **System Slow/Freezing:** Close unnecessary applications. Clear cache. If issues persist, a factory reset may be necessary (note: this will erase all user data).
- **Steering Wheel Controls Not Working:** Verify wiring connections. Reconfigure the steering wheel control settings in the system menu.

For persistent issues, contact customer support.

7. SPECIFICATIONS

Feature	Specification
Model Name	Android 12 IPS Car Stereo
Operating System	Android 12
RAM / ROM	2GB RAM / 32GB ROM
Display Size	10.1 Inches

Display Resolution	1024*600
Connectivity Technology	Bluetooth 5.0, Cellular, USB, Wi-Fi
Special Features	Wireless CarPlay, Android Auto, DSP, Fast-Boot, Split Screen, Mirror-Link, Rear View Camera Support, Steering Wheel Control
Audio Output Mode	Stereo
Included Components	Rear View Camera
Vehicle Service Type	Car (Mitsubishi Lancer 2010-2016)
Item Weight	4.93 pounds
Package Dimensions	16.42 x 11.89 x 5.47 inches

8. WARRANTY AND SUPPORT

Your BXLIYER Android 12 IPS Car Stereo is manufactured with quality and reliability in mind. For any product-related inquiries, technical support, or warranty claims, please contact the manufacturer or your point of purchase.

Manufacturer: BXLIYER

Please retain your proof of purchase for warranty purposes.