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BXLIYER SXAUTO-572-D04-6128-BX

BXLIYER SXAUTO Android 12 Car Stereo User Manual

Model: SXAUTO-572-D04-6128-BX for Hyundai Tucson (2014-2018)

Introduction | Product Features | Compatibility | Box Contents | Setup | Operating Instructions | Maintenance | Troubleshooting | Specifications | Warranty & Support

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your BXLIYER SXAUTO Android 12 Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This unit is designed specifically for Hyundai Tucson models from 2014 to 2018.

2. Product Features

The SXAUTO Android 12 Car Stereo offers a comprehensive set of features for an enhanced in-car experience:

- **Operating System:** Android 12
- **Memory & Storage:** 6GB RAM + 128GB ROM
- **Processor:** Octa-Core Rockchip AC8257 A53 (64-bit, 2.0 GHz)
- **Audio Output:** Max 4x50W, TDA7388 Amplifier IC, TDA7786 Radio IC
- **Display:** 9-inch IPS Screen, supports 4K (3840x2160 pixels) playback
- **Connectivity:** Built-in Wireless CarPlay & Android Auto, Dual-band WiFi, 4G support, Bluetooth 5.0
- **Audio Processing:** Integrated DSP with 64-bit dual precision mode for customizable sound settings (64-band EQ, surround sound, bass boost, subwoofer adjustment)
- **Navigation:** Online and offline GPS navigation
- **Camera Support:** Includes LED rear camera, supports optional 360° panoramic parking function (requires 4 AHD cameras, sold separately)
- **Additional Features:** Fast Boot (system access in less than 2 seconds), FM RDS radio, OBD2 support, Steering Wheel Control (SWC), MirrorLink, Split Screen Mode, DAB+ support (requires adapter B092D31BVX), USB/MicroSD input (up to 500GB).



Figure 2.1: Key features of the SXAUTO Android Car Stereo. Note: While the image displays 'Android 15', this product operates on Android 12.

3. Vehicle Compatibility

This car stereo unit is designed for direct fitment in**Hyundai Tucson (2014-2018)** models. Before purchase and installation, it is crucial to verify the dimensions of the product against your vehicle's dashboard opening. If you are uncertain about compatibility, please contact technical support with a photo of your vehicle's dashboard.



Figure 3.1: Before and after installation in a Hyundai Tucson (2014-2018).

4. Box Contents

Upon unpacking, please ensure all the following items are present:

- SXAUTO Android Car Stereo Unit
- Wiring Harness and Accessories
- User Manual (this document)
- Frame Kit (for Hyundai Tucson 2014-2018)
- Power Cable
- LED Rear Camera
- External Microphone

5. Setup and Installation

Installation of the car stereo requires technical knowledge and should ideally be performed by a qualified professional. Incorrect installation can damage the unit or your vehicle's electrical system. Refer to the included wiring diagram for specific connections.

5.1 Pre-Installation Checklist

1. Disconnect the vehicle's negative battery terminal to prevent electrical shorts.
2. Ensure all components listed in the "Box Contents" section are present.
3. Review the vehicle-specific wiring diagram and the provided power cable.

5.2 Wiring Connections

Connect the main power harness, speaker wires, and accessory cables according to the provided wiring diagram. Pay close attention to the CANBUS decoder connection if applicable for steering wheel controls and vehicle data integration.

5.3 Camera Installation

Install the included LED rear camera at the rear of your vehicle, ensuring a clear view. Route the camera cable to the head unit and connect it to the designated AHD camera input. For optional 360° panoramic parking, install four AHD cameras (front, rear, left, right) and connect them to the appropriate inputs on the head unit.

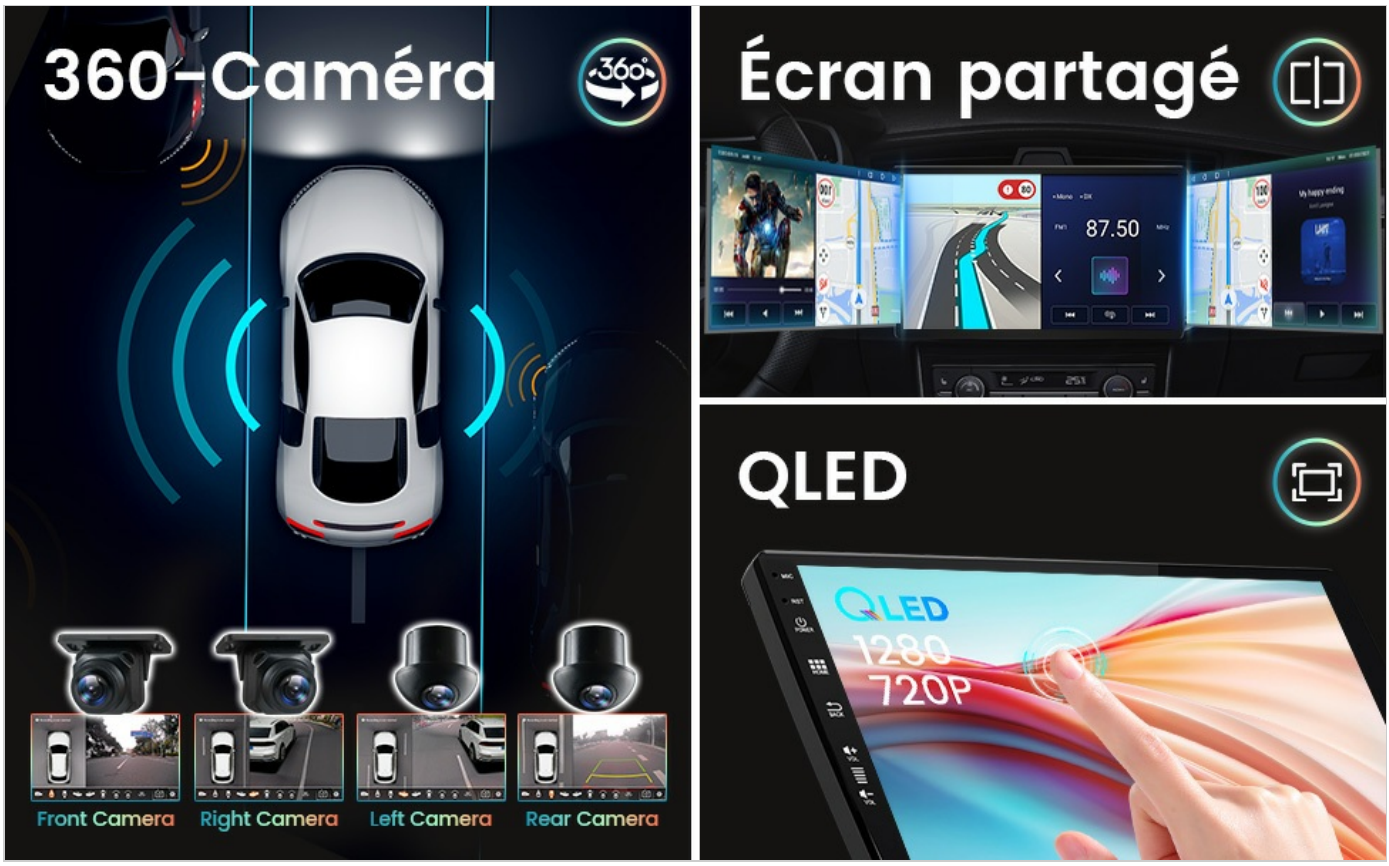


Figure 5.1: 360° Panoramic Parking Function overview.

5.4 Initial Power-Up

After all connections are secure, reconnect the vehicle's negative battery terminal. Power on the vehicle and the head unit. The system features a Fast Boot function, allowing access to the Android system in less than 2 seconds.



Figure 5.2: Fast Boot, MirrorLink, Split Screen, and Steering Wheel Control features.

6. Operating Instructions

6.1 Basic Navigation

The unit operates on Android 12. Navigate through menus and applications using the touchscreen interface. Swipe, tap, and drag gestures are supported.

6.2 Wireless CarPlay & Android Auto

Connect your compatible smartphone wirelessly to use CarPlay or Android Auto. This allows access to navigation, music, calls, and messages directly from the car stereo interface. Follow the on-screen prompts for initial pairing.



Figure 6.1: Wireless CarPlay, Android Auto, and DSP functionality.

6.3 DSP Audio Customization

Access the Digital Sound Processor (DSP) settings to customize your audio experience. Adjust the 64-band equalizer, surround sound, bass boost, and subwoofer settings to achieve optimal sound quality for your preferences and vehicle acoustics.

6.4 GPS Navigation

The unit supports both online and offline GPS navigation. Pre-installed maps may be available, or you can download your preferred navigation apps from the Google Play Store. Ensure a strong GPS signal for accurate positioning.

6.5 Steering Wheel Control (SWC)

If your vehicle supports it, configure the steering wheel controls through the unit's settings. This allows you to control volume, track changes, and other functions without taking your hands off the steering wheel.

6.6 Split Screen Mode

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

7. Maintenance

7.1 Screen Cleaning

Use a soft, lint-free cloth slightly dampened with water or a screen-cleaning solution to clean the IPS display. Avoid harsh chemicals or abrasive materials that could damage the screen.

7.2 Software Updates

Periodically check for available software updates through the unit's settings or the manufacturer's website. Keeping the software updated ensures optimal performance and access to new features.

7.3 General Care

Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture. Ensure proper ventilation around the unit to prevent overheating, especially given its 100% aluminum heatsink design.

8. Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring, blown fuse, vehicle battery issue.	Check power connections and fuses. Ensure vehicle battery is charged. Consult a professional for wiring verification.
No sound from speakers.	Speaker wires disconnected, volume too low, DSP settings misconfigured.	Verify speaker wire connections. Increase volume. Check DSP settings and ensure no channels are muted.
CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi off on phone, incorrect pairing, phone not compatible.	Ensure Bluetooth and Wi-Fi are enabled on your phone. Re-attempt pairing. Verify phone compatibility with Wireless CarPlay/Android Auto.
GPS signal is weak or inaccurate.	Poor antenna placement, environmental interference.	Ensure GPS antenna has a clear view of the sky. Avoid placing it near metal objects.
Steering Wheel Controls not working.	Incorrect CANBUS connection, SWC settings not configured.	Verify CANBUS wiring. Go to unit settings to configure SWC buttons.

9. Specifications

Feature	Detail
Model Number	SXAUTO-572-D04-6128-BX
Operating System	Android 12
RAM	6GB
ROM	128GB
CPU	Rockchip AC8257 A53 Octa Core, 64-bit, 2.0 GHz
Output Power	Max 4x50W

Feature	Detail
Amplifier IC	TDA7388
Radio IC	TDA7786
Display Type	IPS Screen
Video Playback	Supports 4K (3840 x 2160 pixels)
Bluetooth Version	5.0
Weight	2 Kilograms
Manufacturer	SXAUTO



Figure 9.1: Performance and durability features.

10. Warranty & Support

10.1 Warranty Information

This product comes with a**2-year warranty** from the date of purchase. The warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

10.2 Technical Support

For technical assistance, installation queries, or warranty claims, please contact BXLIYER customer support. You can reach them via email at sxauto_techsupport@163.com. When contacting support, please provide your product model number (SXAUTO-572-D04-6128-BX) and a detailed description of your issue.

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