

SIXTOP A2747

SIXTOP Car Stereo Radio User Manual

For Hyundai Elantra 2011, 2012, 2013 Models (Model: A2747)

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your SIXTOP Car Stereo Radio, Model A2747. This unit is specifically designed as an upgrade for Hyundai Elantra models from 2011, 2012, and 2013. It features a 9-inch HD IPS touch screen and integrates various modern functionalities to enhance your driving experience.

Key features include:

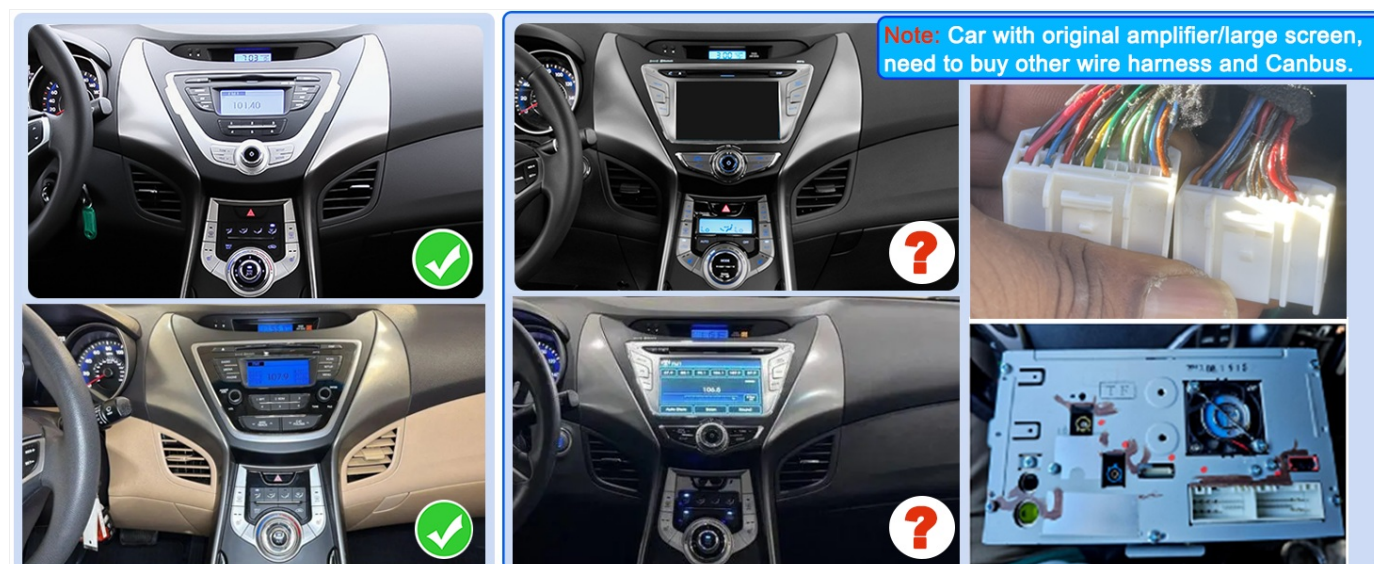
- Wireless Apple CarPlay and Android Auto for seamless smartphone integration.
- High-definition 9-inch IPS touch screen (1024*600 resolution) with 1080P video support.
- Mirror Link functionality for wireless phone screen mirroring.
- Built-in Bluetooth for hands-free calls and audio streaming.
- FM/RDS Radio with 18 preset stations and DSP sound effects for audio customization.
- Support for YouTube video playback and Vi-Link wireless video connection.
- Steering Wheel Control (SWC) compatibility for convenient operation.
- Includes a waterproof night vision backup camera for improved safety.

2. COMPATIBILITY AND PRE-INSTALLATION CHECK

This head unit is compatible with Hyundai Elantra models from 2011, 2012, and 2013. It is designed for a plug-and-play installation in most standard configurations.

Important Note:

If your original vehicle radio is equipped with an amplifier, GPS navigation, or a large screen, and the back CD connectors resemble the example shown in the image below (with specific wiring), you may need to purchase an additional wire harness and Canbus adapter. If you are unsure about your vehicle's configuration, please consult a professional or contact support with a photo of your original radio's wiring harness and the back of the CD player.



This image illustrates various dashboard layouts for the Hyundai Elantra 2011-2013. Green checkmarks indicate compatible configurations, while red question marks denote configurations that may require additional wiring harnesses or a Canbus adapter, especially if the original radio has an amplifier or large screen. The bottom right image shows the back of a CD player with connectors that would require an additional wire harness and Canbus.

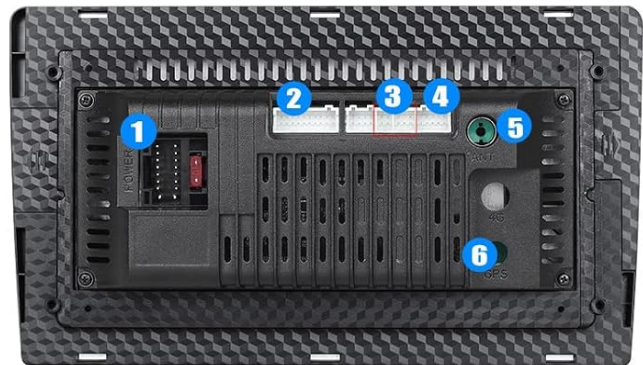
3. PACKING LIST AND DIMENSIONS

Please verify that all items listed below are included in your package:

- SIXTOP Car Stereo Unit (Model A2747)
- Power Cable
- RCA Cable
- USB Cables (2 types: 6PIN and 4PIN)
- Camera Input Cable
- Radio Antenna
- GPS Antenna
- 1.2LED Rear Camera (Waterproof)
- External Microphone
- Installation Tool
- Accessories (Mounting brackets, etc.)
- User Manual

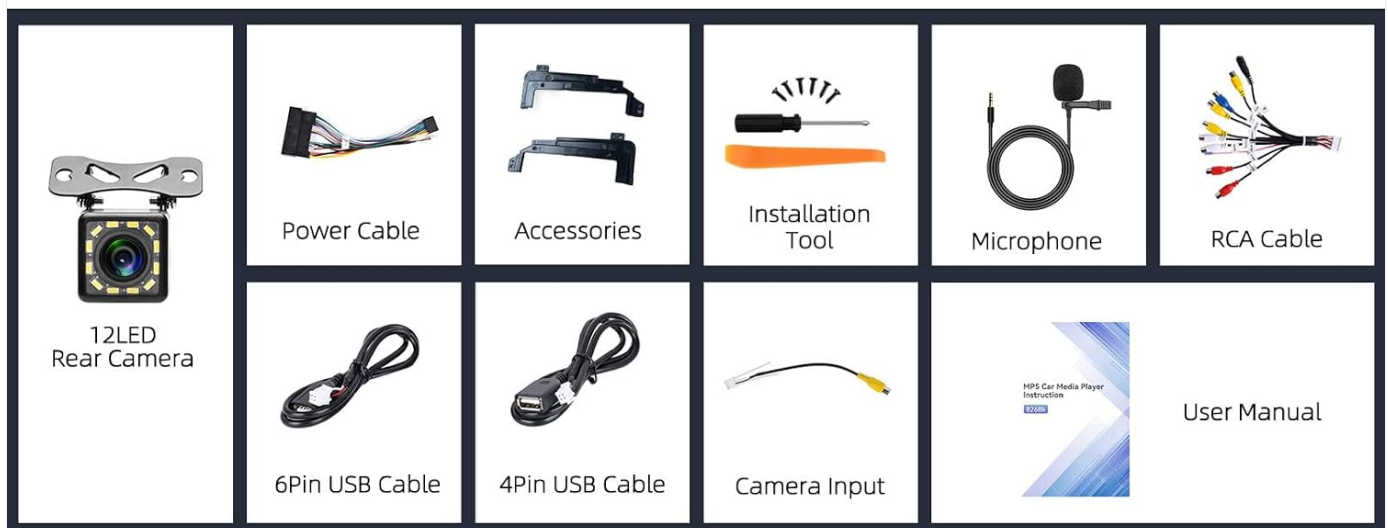
The main unit dimensions are approximately 370mm (width) x 300mm (height) for the fascia, with the main body measuring 180mm (width) x 145mm (depth).

Packing List & Size



1. Power Cable
2. RCA Cable
3. USB Cable

4. Camera Input
5. Radio Antenna
6. GPS Antenna



This diagram displays the physical dimensions of the 9-inch car stereo unit, measuring 370mm wide and 300mm high. It also lists the included accessories: Power Cable, RCA Cable, USB Cable, Camera Input, Radio Antenna, GPS Antenna, 1.2LED Rear Camera, Installation Tool, Microphone, 6PIN USB Cable, 4PIN USB Cable, and a User Manual.

4. SETUP AND INSTALLATION

The SIXTOP Car Stereo is designed for a straightforward, plug-and-play installation for compatible Hyundai Elantra models (2011-2013). Professional installation is recommended if you are unfamiliar with car audio wiring.

4.1 Basic Wiring Connections

1. **Power Cable:** Connect the main power harness to your vehicle's wiring. Ensure correct polarity and secure connections.
2. **RCA Cable:** Connect RCA cables for external amplifiers or subwoofers if applicable.
3. **USB Cables:** Connect the provided USB cables to the designated ports on the head unit. These are used for data transfer, charging, and connecting external devices.
4. **Camera Input:** Connect the video input cable from the backup camera to the 'Camera Input' port on the head unit. Ensure the camera's power is connected to the vehicle's reverse light circuit for automatic activation.

5. **Radio Antenna:** Connect your vehicle's FM/AM antenna to the 'Radio Antenna' port.
6. **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky (e.g., dashboard, corner of the windshield) and connect it to the 'GPS Antenna' port.
7. **External Microphone:** Plug in the external microphone for improved call quality, especially if the built-in microphone is not sufficient for your needs.
8. **Steering Wheel Control (SWC) Wires:** Identify the SWC wires from your vehicle's harness and connect them to the corresponding SWC inputs on the head unit. Refer to your vehicle's wiring diagram if necessary.

4.2 Mounting the Unit

Carefully insert the head unit into the dashboard opening. Secure it using the provided mounting brackets and screws. Ensure all cables are neatly tucked away and not pinched.

4.3 Initial Power-On

After installation, turn on your vehicle's ignition. The unit should power on automatically. Follow any on-screen prompts for initial setup, such as language selection or time zone settings.

5. OPERATING INSTRUCTIONS

5.1 Wireless CarPlay and Android Auto

The unit supports wireless Apple CarPlay and Android Auto for seamless integration with your smartphone. This allows you to access your phone's navigation, music, calls, messages, and other apps directly from the car stereo's touch screen or via voice control.

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
2. On the car stereo, select the CarPlay or Android Auto icon.
3. Follow the on-screen instructions to pair your phone via Bluetooth. Once paired, the system will establish a Wi-Fi connection for wireless CarPlay/Android Auto.
4. You can now use voice commands (e.g., "Hey Siri" or "Hey Google") or the touch screen to control compatible apps.



This image demonstrates the wireless CarPlay and Android Auto interfaces. It highlights features such as voice control (Siri/Google Assistant), hands-free calling, online music streaming, and GPS navigation, accessible via smartphone connection.

5.2 9-Inch IPS Touch Screen and Mirror Link

The 9-inch IPS touch screen provides a clear and vibrant display with a resolution of 1024*600, offering superior color accuracy and wide viewing angles. The Mirror Link function allows you to display your smartphone's screen directly onto the car stereo.

1. **For Wireless Mirror Link:** Connect your phone to the car stereo's exclusive Wi-Fi network. Open the Mirror Link application on the stereo and follow the pairing instructions for your iOS or Android device.
2. **For Wired Mirror Link:** Connect your smartphone to one of the USB ports using a compatible USB cable. Select the Mirror Link application on the stereo and follow the prompts.
3. Once connected, your phone's screen will be mirrored on the car stereo, allowing you to view videos, maps, or pictures.

9 Inch IPS Screen

High Resolution 1024*600 Screen

Low Resolution Screen

VS

800*480

1024*600



Wireless/Wired Mirror Link

iOS phone supports wireless connection
Android phone supports wireless/wired connection



WIFI



USB



Mirror Link

The top part of this image compares the superior color accuracy and wide viewing angles of the 9-inch IPS touch screen (1024*600 resolution) against a lower-resolution non-IPS display. The bottom part illustrates the wireless/wired mirror link function, allowing users to cast their phone screen (iOS and Android) to the car stereo for displaying videos, maps, or pictures.

5.3 Bluetooth and Voice Control

The built-in Bluetooth module allows for hands-free calling, phonebook synchronization, and wireless music streaming from your smartphone.

1. **Pairing:** Go to the Bluetooth settings on the car stereo and enable Bluetooth. On your smartphone, search for available Bluetooth devices and select the car stereo's name (e.g., "SIXTOP A2747"). Confirm the pairing code if prompted.
2. **Hands-Free Calling:** Once paired, you can make and receive calls directly from the car stereo interface. Your phonebook will synchronize automatically.
3. **Audio Streaming:** Play music from your phone, and it will stream wirelessly to the car stereo.
4. **Voice Control:** Activate your phone's voice assistant (e.g., Siri, Google Assistant) through the car stereo for voice commands.



This image shows the car stereo's Bluetooth interface for hands-free calling, including a dial pad. It also depicts the activation of voice control (e.g., 'Hey Siri, call Keyani PB'), enabling wireless control of calls, music, and other functions.

5.4 FM/RDS Radio

Enjoy your favorite radio stations with the built-in FM/RDS tuner. The unit supports 18 preset stations.

1. Select the "Radio" icon from the main menu.
2. Use the on-screen controls to scan for stations, manually tune, or select from your preset stations.
3. RDS (Radio Data System) provides additional information such as station name, program type, and traffic announcements where available.



This image displays the FM/RDS radio interface, allowing users to tune into their favorite stations. It shows frequency display (e.g., 105.00 MHz) and preset station buttons, indicating support for stable FM/RDS reception.

5.5 DSP Sound Effects

The Digital Sound Processor (DSP) allows you to customize the audio output for optimal sound quality. Adjust equalizer settings to match your preferences.

1. Access the "EQ" or "DSP" settings from the main menu or audio settings.
2. Use the 16-band equalizer to fine-tune specific frequency ranges.
3. Select from various preset sound modes such as Standard, Classic, Rock, Pop, Jazz, or Electric.
4. Adjust other sound parameters like balance, fader, and subwoofer levels if available.



This image illustrates the DSP sound effects interface, providing a 16-band equalizer for audio customization. Users can adjust frequency bands, select preset sound modes (Standard, Classic, Rock, Pop, Jazz, Electric), and fine-tune the audio output for enhanced sound quality.

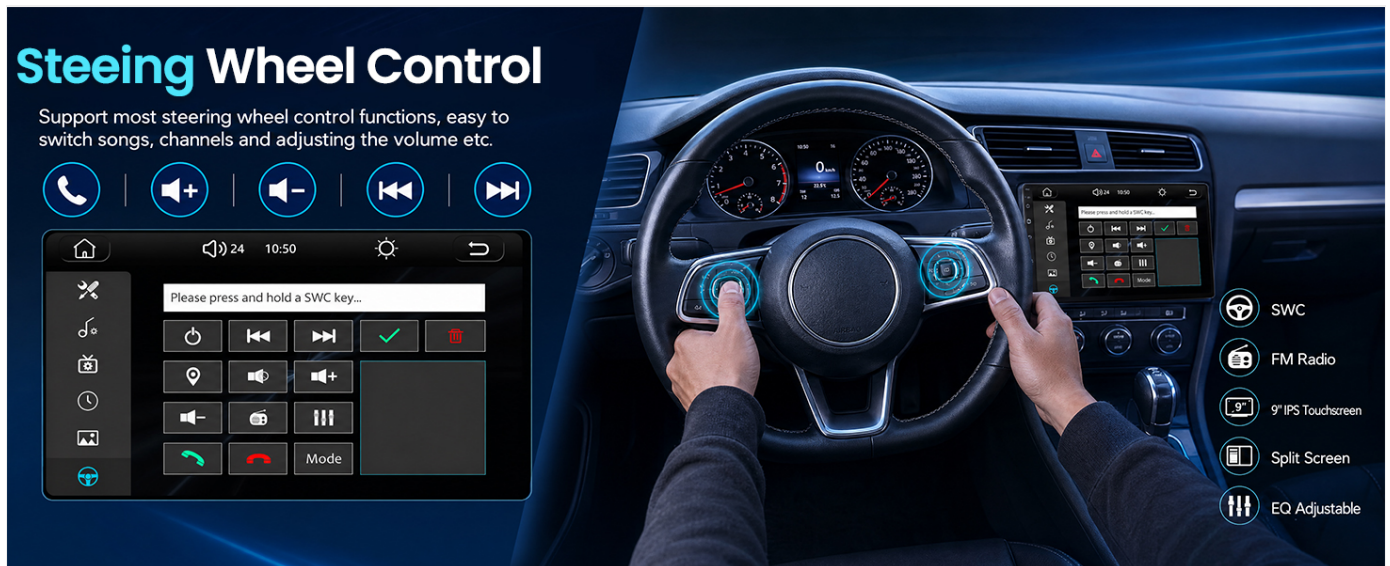
5.6 Steering Wheel Control (SWC)

After correct wiring, you can program your vehicle's steering wheel buttons to control various functions of the car stereo, such as volume, track skipping, and mode selection.

1. Go to the "Steering Wheel Control" settings in the system menu.
2. Follow the on-screen instructions to assign functions to each steering wheel button. Typically, this involves pressing a button

on the steering wheel and then selecting the desired function on the stereo's screen.

3. Test the controls to ensure they are working correctly.



This image demonstrates the steering wheel control functionality. It shows how users can easily switch songs, adjust volume, and change radio channels directly from their steering wheel after proper wiring and configuration, enhancing driving convenience and safety.

5.7 YouTube Video Playback

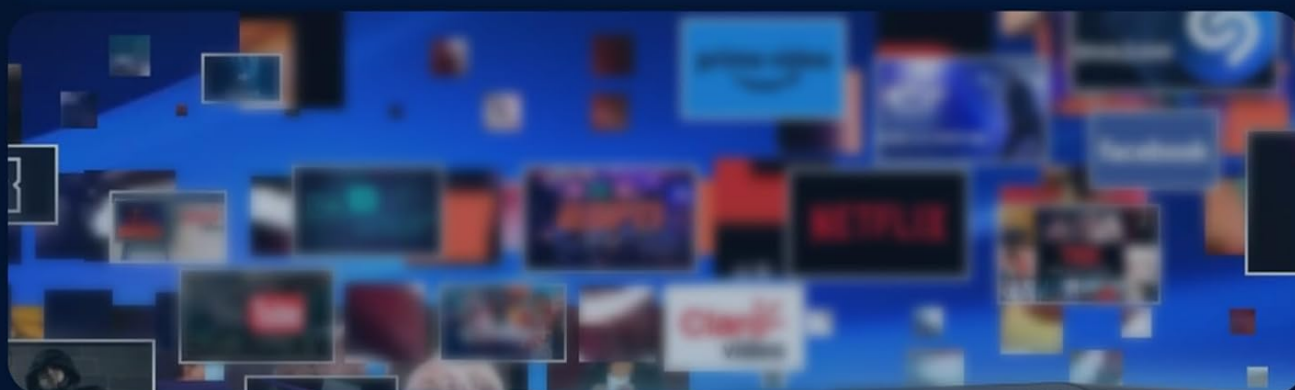
The unit supports online video playback, including YouTube, allowing you to enjoy high-definition content directly on the 9-inch screen when connected to the internet.

1. Ensure the car stereo is connected to a Wi-Fi network (e.g., via a mobile hotspot).
2. Select the "YouTube" icon from the main menu.
3. Browse or search for videos and enjoy online content.

YOUTUBE

Online Video

Support online viewing of YouTube, enjoy high-definition videos, and access exciting content anytime, anywhere.



This image displays the YouTube online video interface on the car stereo, allowing users to access and enjoy high-definition videos and other content directly on the 9-inch screen.

5.8 Reversing Camera

The included waterproof night vision backup camera automatically displays the rear view on the screen when the vehicle is shifted into reverse gear, providing parking assistance with clear guidelines.

1. Ensure the backup camera is correctly installed and wired to the reverse light trigger.
2. When you shift your vehicle into reverse, the screen will automatically switch to the camera view.
3. Utilize the on-screen parking guidelines for safer and easier maneuvering.

Clear Reversing Camera

Car radio with guideline on the screen for safer parking.



HD Image



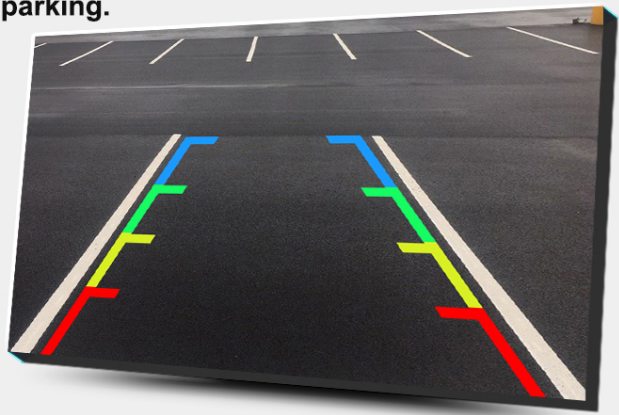
Waterproof



Night Vision



Wide Angle



This image shows the view from the included waterproof night vision backup camera, displayed on the car stereo screen. It features dynamic parking guidelines to assist with safer and easier parking maneuvers.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your car stereo.

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touch screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean vents and buttons.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion.
- **Software Updates:** Check the manufacturer's website or contact support for any available software updates to improve performance and add new features.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme heat or cold for extended periods, as this can affect its electronic components.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse, vehicle battery issue.	Check power cable connections. Inspect vehicle fuses and replace if necessary. Verify vehicle battery health.
No Sound	Volume too low, incorrect audio source, loose speaker wires, amplifier issue.	Increase volume. Select correct audio source. Check speaker wire connections. If using an external amplifier, ensure it is powered on and connected correctly.
Bluetooth Not Connecting	Bluetooth not enabled, incorrect pairing, interference.	Ensure Bluetooth is enabled on both devices. Delete previous pairings and re-pair. Move closer to the unit. Restart both devices.
CarPlay/Android Auto Not Working	Incorrect connection, phone settings, app issues.	Ensure phone is compatible and running the latest OS. Check USB cable (if wired). Verify Wi-Fi and Bluetooth connections (if wireless). Restart phone and stereo.

Problem	Possible Cause	Solution
Backup Camera Not Displaying	Loose video cable, incorrect power connection, camera malfunction.	Check camera video input cable. Ensure camera power is connected to the reverse light trigger. Test camera with an alternative display if possible.
Steering Wheel Controls Not Responding	Incorrect wiring, improper programming.	Verify SWC wire connections. Re-program the steering wheel controls in the unit's settings.

If the problem persists after attempting these solutions, please contact customer support for further assistance.

8. SPECIFICATIONS

Feature	Specification
Model Number	A2747
Screen Size	9 Inch
Screen Type	HD IPS Touch Screen
Screen Resolution	1024*600
Connectivity Technology	Bluetooth, USB, Wi-Fi
Special Features	Wireless CarPlay, Wireless Android Auto, Mirror Link, Built-In Bluetooth, FM/RDS Radio, DSP Sound Setting, 1080P Video Support, YouTube & Vi-Link Wireless Video, Waterproof Backup Camera, Steering Wheel Control
Compatible Devices	Smartphone
Connector Type	USB
Audio Output Mode	Stereo
Number of Channels	4
Output Wattage	180 watts
Supported Internet Services	YouTube
Control Method	App, Touch, Voice
Supported Media Format	AVI, MP3 Audio
Wireless Technology	Bluetooth, Wi-Fi
Parcel Dimensions	40 x 31.2 x 12.3 cm
Item Weight	1.7 kg
Country of Origin	China

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This SIXTOP Car Stereo Radio (Model A2747) comes with a **1-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, unauthorized repairs, or normal wear and tear.

Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting, warranty claims, or any other inquiries, please contact SIXTOP customer support:

- **Email:** sixtop123@163.com

When contacting support, please provide your product model number (A2747) and a detailed description of the issue.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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