SIXTOP 4G+64G, 8 Core

SIXTOP 9-Inch 8-Core Qualcomm Android Car Stereo User Manual

Model: 4G+64G, 8 Core | For Hyundai Sonata (2010-2015)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SIXTOP 9-inch Android Car Stereo. This unit is specifically designed for Hyundai Sonata models manufactured between 2010 and 2015. Please read this manual thoroughly before installation and use to ensure proper function and safety.

Image 1.1: SIXTOP 9-inch Android Car Stereo with the main unit, frame, backup camera, and microphone.

2. SAFETY INFORMATION

- Always ensure the vehicle is turned off and the battery is disconnected before performing any installation or wiring.
- Professional installation is recommended to avoid damage to the unit or vehicle.
- Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.
- Ensure all connections are secure to prevent short circuits or malfunctions.
- Refer to your vehicle's owner's manual for specific instructions regarding dashboard disassembly and reassembly.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- SIXTOP Android Car Stereo with Frame
- AHD Backup Camera
- External Microphone

- Power Cable Harness

- RCA Cables

- USB Cables

- GPS Antenna

- Radio Antenna Adapter

4. SETUP AND INSTALLATION

4.1. Vehicle Compatibility

This unit is designed for Hyundai Sonata models from 2010 to 2015. It is compatible with basic version car models. If your vehicle has an original car amplifier or navigation system/large screen, please consult the seller for a suitable wire harness and CANbus decoder.

Image 4.1: Visual guide indicating compatible and incompatible dashboard configurations for Hyundai Sonata 2010-2015.

4.2. Installation Notes

- For some 2014 Hyundai Sonata base models, two internal tabs behind the climate control unit may need to be carefully trimmed for proper fitment.

- If an airbag warning light appears after installation, ensure the original car clock unit (if present) is reconnected and placed behind the dashboard. There is typically sufficient space for this.

4.3. Wiring Diagram (Rear Camera)

The following diagram illustrates the typical wiring for the AHD rear view camera:
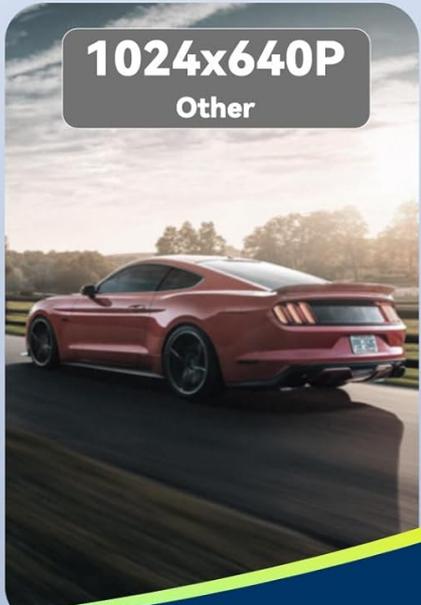

Image 4.2: Diagram detailing the connections for the rear camera, including power, RCA video output, and ground, to the car stereo and vehicle's reverse light circuit.

1. Connect the camera's power cable to the vehicle's reverse light power source (red wire to positive, black wire to ground).
2. Connect the camera's RCA video cable to the 'Camera Input' on the car stereo.
3. Ensure the 'Reverse' trigger wire from the car stereo harness is connected to the vehicle's reverse light signal.

5. OPERATING INSTRUCTIONS

5.1. Basic Operation

- **Power On/Off:** Press and hold the power button on the unit or use the vehicle's ignition.

- **Touchscreen:** The 9-inch 1280x720 HD IPS touchscreen responds to touch gestures similar to a smartphone.

5.2. System Features

The unit operates on an Android system, powered by an 8-core Qualcomm processor with 4GB RAM and 64GB ROM, ensuring a responsive user experience.
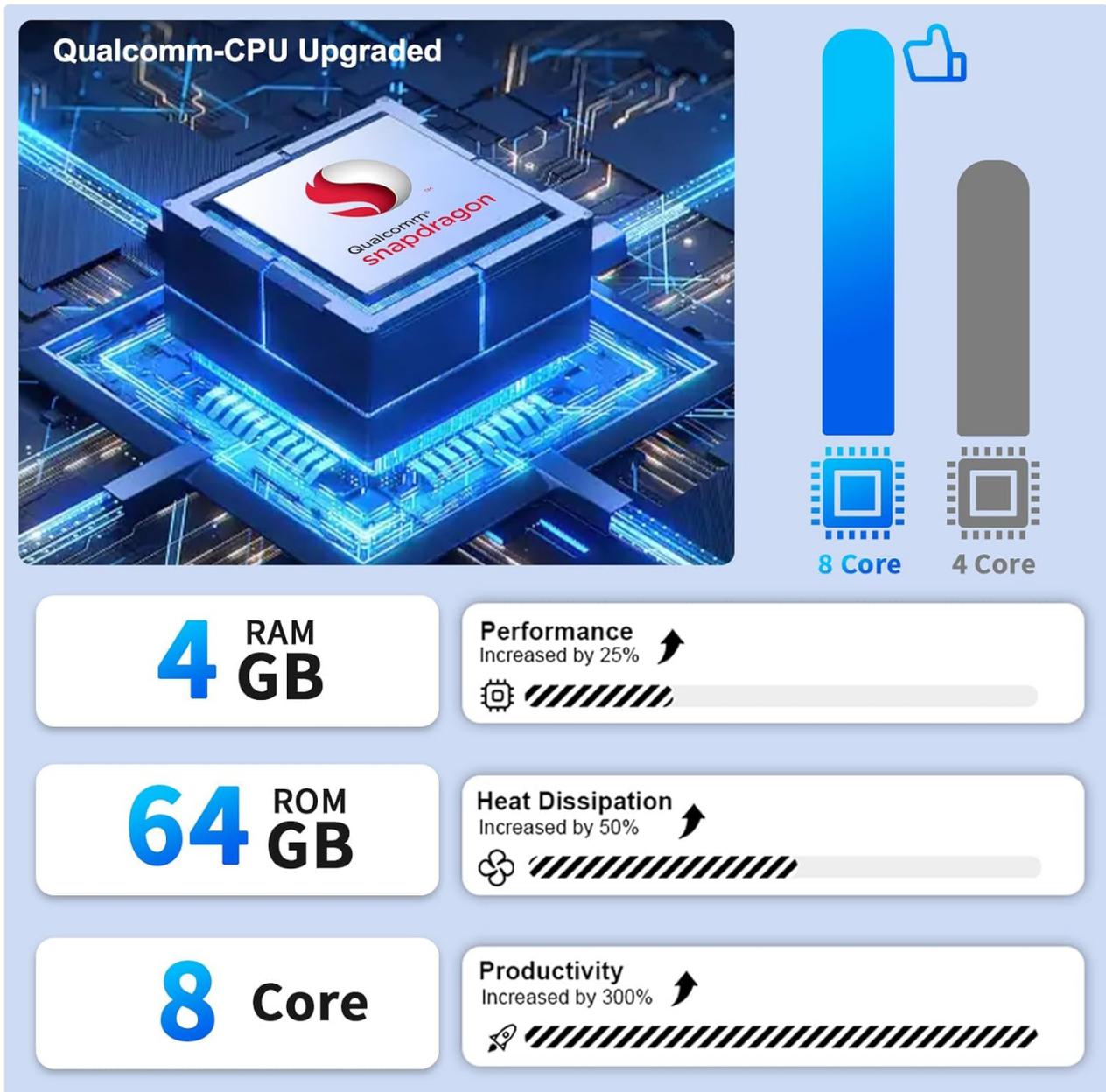

Image 5.1: Overview of the Qualcomm 8-Core CPU, 4GB RAM, and 64GB ROM, highlighting performance improvements.

5.2.1. Wireless CarPlay & Android Auto

Connect your smartphone wirelessly to access navigation, music, messages, and calls directly on the car stereo display. Supports voice commands via Siri or Google Assistant.

- Ensure your phone's Wi-Fi and Bluetooth are enabled.
- Connect via Bluetooth first, then open the [ApplePlay] or [Android Auto] application on the stereo to establish the connection.
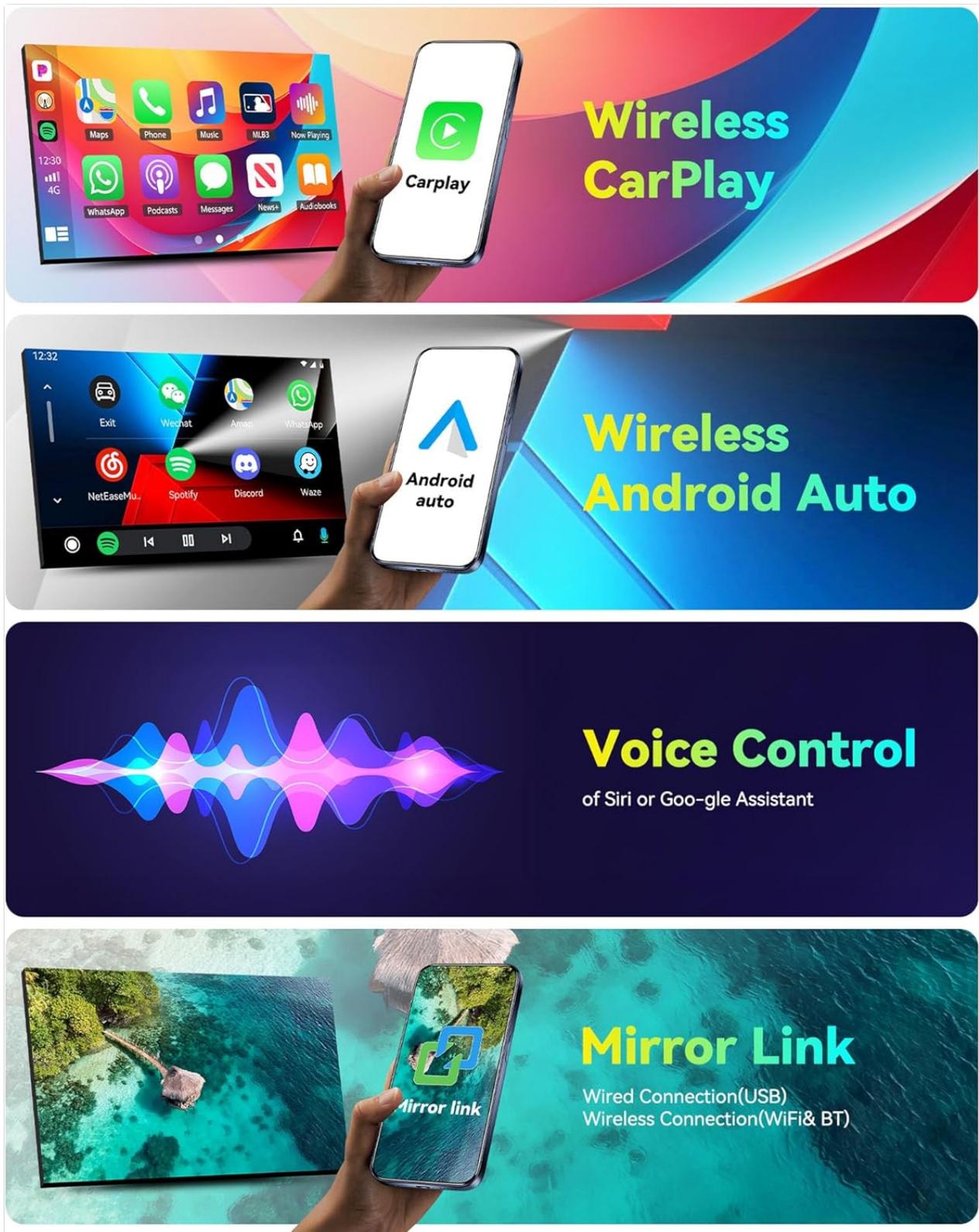
Image 5.2: Visual representation of wireless CarPlay, Android Auto, voice control, and mirror link functionalities.

5.2.2. Bluetooth 5.1

The upgraded Bluetooth 5.1 chip provides a stable signal for hands-free calling, address book synchronization, and wireless music streaming.

5.2.3. FM/RDS Radio

Tune into your favorite FM radio stations. RDS (Radio Data System) provides additional information like station name and song title where available.

5.2.4. Wi-Fi 6 & GPS Navigation

Connect to a Wi-Fi hotspot (2.4G/5GHz supported) to download apps, stream online content, and use online navigation maps. The unit supports GPS positioning, allowing for both online and offline navigation via downloaded maps from the Play Store.
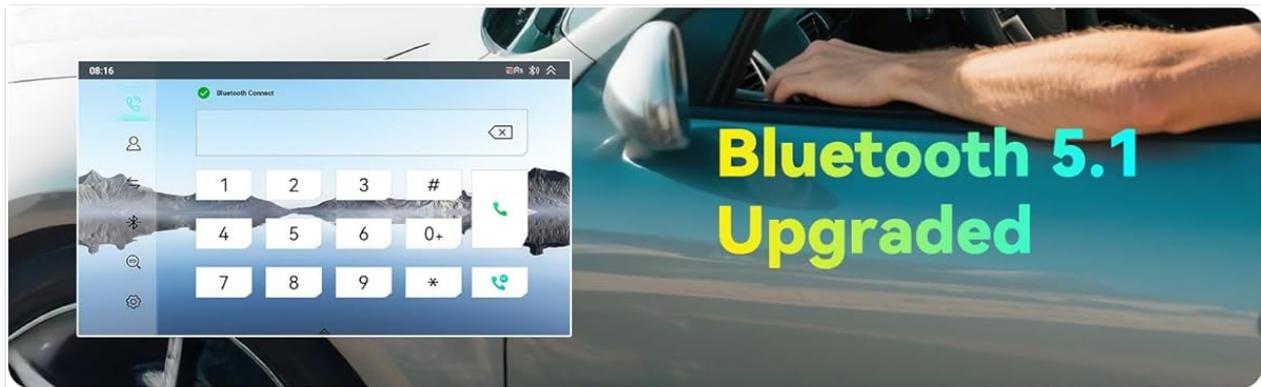

Image 5.3: Illustrations of Bluetooth 5.1 connectivity, FM/RDS radio interface, Wi-Fi 6 capabilities, and GPS navigation.

5.2.5. DSP Hi-Res Audio (32-Band EQ)

The built-in Digital Signal Processor (DSP) offers a 32-band equalizer and various sound effects (e.g., 3D optimized, Panorama, Hi-Res scene) to customize your audio experience.

Image 5.4: Interface for Digital Signal Processing (DSP) settings, showing sound delay, 20Hz-20KHz EQ adjustment, and bass/high adjustment options.

5.2.6. Mirror Link

Project your smartphone screen onto the car stereo display. Select [Airplay] for iPhone or [Android Link] for Android phones and connect via Wi-Fi.

5.2.7. AI Intelligent Voice Control

Activate the voice assistant by clicking the Voice APP. Use voice commands for tasks such as calling contacts, playing music, tuning the radio, or opening installed applications.

5.2.8. Split Screen Functionality

The Android system supports split-screen mode, allowing two applications to run simultaneously. Drag a browse page to the left or right side of the screen to activate.

5.2.9. Steering Wheel Control (SWC)

Configure the unit to work with your vehicle's original steering wheel buttons for convenient and safe operation. Access the steering wheel settings in the car settings menu.

5.2.10. AHD Backup Camera

The included waterproof night vision AHD camera provides a clear reversing image, enhancing parking safety.

5.2.11. Desktop Themes & UI Color Adjustment

Customize the visual appearance of your car stereo by changing desktop themes and adjusting UI colors. Long-press a blank space on the homepage to access theme options.

5.2.12. Cool Fan Setting

The unit features a cooling fan with adjustable settings to maintain optimal operating temperature.

5.2.13. DVR Function (Optional)

The unit supports an optional DVR (Digital Video Recorder) function for recording driving footage.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for system updates via the settings menu to ensure optimal performance and access to new features.
- **Temperature:** Avoid exposing the unit to extreme temperatures. The built-in cooling fan helps regulate internal temperature during operation.

7. TROUBLESHOOTING

- **No Power:** Check all power connections and fuses. Ensure the vehicle's ignition is on.
- **No Sound:** Verify speaker connections, volume levels, and audio output settings. Check if the mute function is active.
- **Airbag Warning Light:** If an airbag light appears after installation, ensure the original car clock unit (if applicable) is reconnected and placed behind the dashboard.
- **GPS Signal Issues:** Ensure the GPS antenna is properly installed and has a clear view of the sky. Check GPS settings in the system.
- **Bluetooth/Wi-Fi Connectivity:** Ensure Bluetooth and Wi-Fi are enabled on both the stereo and your device. Try restarting both devices.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (note: this will erase all user data).

8. SPECIFICATIONS

Feature	Specification
Operating System	Android
Processor	8-Core Qualcomm, 1.8GHz
RAM	4GB
Internal Storage (ROM)	64GB
Display Size	9 Inches
Display Resolution	1280 x 720 IPS HD Touchscreen
Bluetooth Version	5.1
Wi-Fi	Built-in Wi-Fi 6 (2.4G & 5GHz)
GPS	Supports Qualcomm GPS+Glonass+Beidou
Audio Features	DSP Hi-Res Audio, 32-Band EQ
Connectivity	Bluetooth, Wi-Fi, USB

Feature	Specification
Special Features	Wireless CarPlay, Android Auto, Voice Control, Split Screen, Cooling Fan, Mirror Link, AHD Camera Support
Item Weight	3.97 pounds
Package Dimensions	15.75 x 13.39 x 3.94 inches
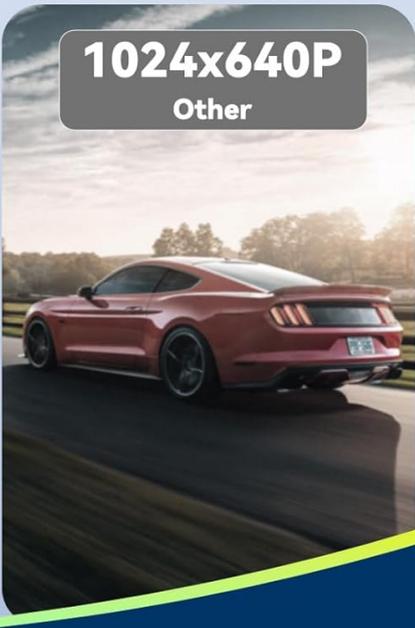
Image 8.1: Comparison highlighting the 1280x720 HD IPS display resolution and color performance.

9. WARRANTY INFORMATION

The SIXTOP Android Car Stereo comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

10. SUPPORT

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

- **Email:** SIXTOP123@163.com
- **Online Support:** You can also reach out to the seller directly through the platform where you purchased the product. Look for an 'Ask a question' option on the seller's store page.

SIXTOP is committed to providing 24/7 quick response, 1-year replacement for eligible issues, and lifetime technical support.

Image 10.1: SIXTOP customer support email for assistance.

Image 10.2: Guide on how to access online support through the seller's storefront.

Image 10.3: Overview of SIXTOP's customer support commitments.