

Pioneer SPH-DA160DAB

Pioneer SPH-DA160DAB User Manual

Model: SPH-DA160DAB | Brand: Pioneer

1. INTRODUCTION AND OVERVIEW

The Pioneer SPH-DA160DAB is a mechafree 6.8-inch capacitive touchscreen multimedia player designed for in-car entertainment and connectivity. It offers seamless integration with smartphones through Apple CarPlay and Android Auto, along with USB Mirroring for Android devices. Featuring Bluetooth for wireless audio streaming and hands-free calling, and a built-in DAB/DAB+ digital radio tuner, this unit provides a comprehensive audio-visual experience. Its 13-band graphic equalizer allows for precise audio customization.



Image: Front view of the Pioneer SPH-DA160DAB multimedia player, displaying a music playback interface.

2. WHAT'S IN THE BOX

Upon opening the packaging, please verify that all components listed below are present:

- Power lead
- Mounting cage
- Trim surround
- Microphone cable
- USB extension cable
- Instruction manuals

Your browser does not support the video tag.

Video: This product summary video displays the Pioneer SPH-DA160DAB unit along with all included accessories and cables, providing a visual guide to the package contents.

3. KEY FEATURES

The SPH-DA160DAB offers a range of features designed to enhance your in-car experience:

- **Apple CarPlay & Android Auto Compatibility:** Seamlessly integrate your smartphone for navigation, music, calls, and messages via the unit's touchscreen. This allows for a safer and more intuitive way to use your phone's features while driving.



androidauto

Mirroring

Images: Logos for Apple CarPlay and Android Auto, indicating compatibility.

- **6.8" Capacitive Touch Screen:** A responsive and clear display for easy control and viewing of content.



Image: The unit's 6.8-inch screen displaying the Apple CarPlay interface with various app icons.

- **DAB/DAB+ Digital Radio:** Enjoy a wide selection of digital radio stations with enhanced sound quality and additional information.



Image: DAB+ logo, signifying digital radio capability.

- **Bluetooth Connectivity:** Stream audio wirelessly from your devices and make hands-free calls safely while driving.
- **USB Mirroring for Android:** Mirror your Android phone's screen directly onto the head unit's display for access to compatible apps.



Image: Mirroring logo, indicating screen mirroring functionality.

- **13-band Graphic Equalizer:** Fine-tune your audio output to match your preferences and vehicle acoustics.
- **WAZE Compatibility:** Utilize the WAZE navigation app directly through the head unit for real-time traffic and navigation alerts.

4. SETUP AND INSTALLATION

The Pioneer SPH-DA160DAB is designed to fit into a standard double-DIN space in your vehicle. Due to the complexity of car audio systems and vehicle electrical wiring, professional installation is highly recommended to ensure proper functionality and to avoid damage to your vehicle or the unit.

4.1. Pre-Installation Checks

- Ensure your vehicle has a compatible double-DIN opening.
- Verify that you have the correct wiring harness adapter for your specific vehicle model (sold separately).
- If installing a DAB antenna (sold separately), ensure proper placement for optimal signal reception.

4.2. Basic Connection Overview

The unit requires connections for power (constant 12V, accessory 12V, ground), speakers, antenna, and external microphone. Additional connections are available for USB, reverse camera input, and pre-outs for external amplifiers.



Image: A diagram illustrating the various components of a car audio system and their interconnections, including the head unit.

For detailed wiring diagrams and installation instructions, please refer to the comprehensive installation manual included with your product or consult a certified car audio installer.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off and Volume

- To power on the unit, ensure your vehicle's ignition is in the ACC or ON position. The unit should power on automatically.
- To power off, turn off your vehicle's ignition.
- Adjust volume using the on-screen controls or steering wheel controls (if connected and configured).

5.2. Source Selection

Tap the 'Source' icon on the main menu to select between various audio and video sources such as DAB Radio, FM/AM Radio, Bluetooth Audio, USB, Apple CarPlay, Android Auto, and AV Input.

5.3. Apple CarPlay / Android Auto

- Connect your compatible iPhone or Android smartphone to the unit's USB port.
- Follow the on-screen prompts to initiate Apple CarPlay or Android Auto.
- Once connected, you can access supported apps like Maps, Music, Messages, and more directly from the unit's touchscreen.

5.4. Bluetooth Pairing

- On the unit, navigate to the Bluetooth settings menu.
- Enable Bluetooth on your mobile device and search for available devices.
- Select 'SPH-DA160DAB' from the list on your phone and confirm the pairing code if prompted.
- Once paired, you can stream audio and make hands-free calls.

5.5. DAB/DAB+ Radio

- Select 'DAB' as the source.
- The unit will automatically scan for available DAB/DAB+ stations.
- Browse and select stations from the list displayed on the screen.

6. MAINTENANCE

- **Screen Cleaning:** Use a soft, dry cloth to wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check the Pioneer website for firmware updates for your model. Updates can improve performance, add features, or fix bugs. Follow the instructions provided with the update carefully.
- **General Care:** Keep the unit free from dust and debris. Avoid exposing it to extreme temperatures or direct sunlight for prolonged periods.

7. TROUBLESHOOTING

If you encounter issues with your SPH-DA160DAB, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Power	Incorrect wiring; Blown fuse; Vehicle ignition off.	Check power connections and fuses. Ensure vehicle ignition is on. Consult a professional installer.
No Sound	Volume too low; Mute activated; Speaker wiring issue; Incorrect source selected.	Increase volume. Check if mute is active. Verify speaker connections. Select correct audio source.
Bluetooth Pairing Fails	Device not in pairing mode; Unit's Bluetooth off; Interference.	Ensure both devices are in pairing mode. Restart both devices. Move closer to the unit.
CarPlay/Android Auto Not Launching	Incorrect USB cable; Phone not compatible; Software issue.	Use a high-quality, certified USB cable. Ensure your phone's OS is up to date. Restart phone and unit.
Poor DAB Reception	Antenna not connected; Poor antenna placement; Weak signal area.	Check DAB antenna connection. Reposition antenna if possible. Signal strength varies by location.

For more detailed troubleshooting or persistent issues, please refer to the full user manual or contact Pioneer customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	SPH-DA160DAB

Feature	Detail
Product Dimensions	11.5 x 18 x 11 cm
Item Weight	454 g
Screen Size	6.8 Inches
Colour	Black/White
Connectivity Technology	Bluetooth, USB
Compatible Devices	Smartphone, Speaker
Output Wattage	4 Watts
Media Format	WAV
Special Feature	DAB
Audio Encoding	Stereo
Audio Output Mode	Stereo
Surround-sound Channel Configuration	2.1
Video Encoding	MPEG-4
Manufacturer	Pioneer
Date First Available	9 April 2021

9. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the warranty card included with your purchase or visit the official Pioneer website. For technical support, service, or additional inquiries, please contact Pioneer customer service through their official channels. Keep your proof of purchase for warranty claims.

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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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Why is my Pioneer SPH-DA160DAB not mirroring, failing to show Google Maps, and why can the other person not hear me during calls?

Based on the Pioneer SPH-DA160DAB manual, these issues are often related to connection methods or hardware setup. Here are the steps to resolve each problem:Phone Not Mirroring / No Google Maps:Check the Cable: Ensure...

[Read full answer](#)