Strpump 8+256GB

Strpump 13.1" Android 12 Car Stereo Radio GPS Navigation

Model: 8+256GB for 2009-2016 Peugeot 3008

Introduction

This manual provides essential instructions for the installation, operation, and maintenance of your Strpump 13.1" Android 12 Car Stereo Radio GPS Navigation system. This unit is designed for 2009-2016 Peugeot 3008 vehicles and features an Octa Core Processor, 8GB RAM, 256GB ROM, a 2K QLED screen, wireless CarPlay, wired Android Auto, DSP sound, Bluetooth 5.0, 4G, and Wi-Fi connectivity. Please read this manual thoroughly before use to ensure proper functionality and safety.

Safety Information

- Always operate the device responsibly and in accordance with local traffic laws. Distracted driving can lead to accidents.
- Do not attempt to install or repair the unit if you are not qualified. Improper installation can cause damage to the vehicle or the device.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- Keep the screen clean and free from obstructions to maintain clear visibility.
- Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

Package Contents

Verify that all items listed below are included in your package:

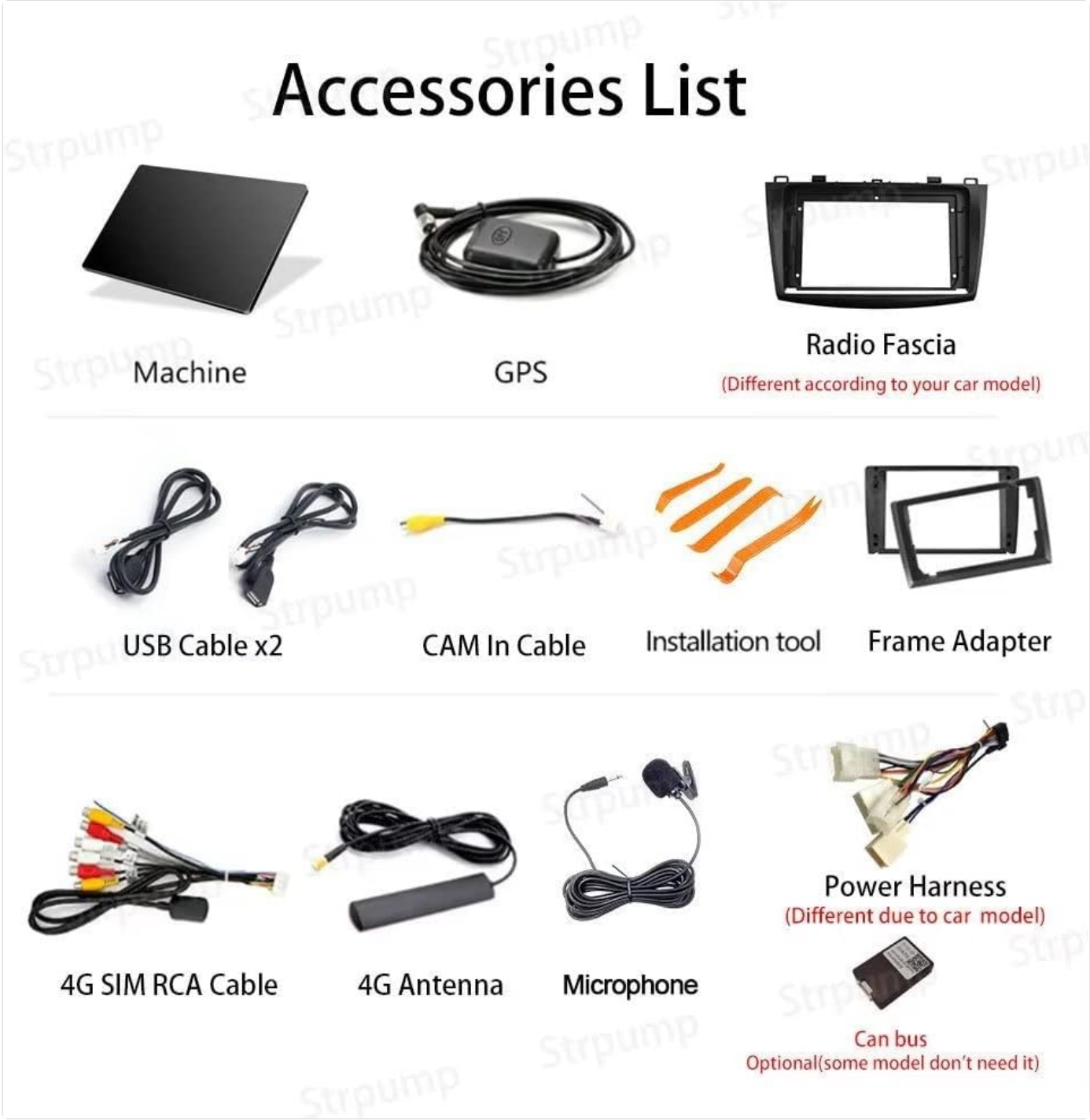


Figure 1: Accessories List. This image displays the various components included with your Strpump car stereo system. It shows the main machine, GPS antenna, radio fascia (specific to car model), two USB cables, a CAM In cable, installation tools, a frame adapter, a 4G SIM RCA cable, a 4G antenna, a microphone, a power harness (specific to car model), and an optional Can bus module.

- Main Head Unit (Machine)
- GPS Antenna
- Radio Fascia (Specific to your car model)
- USB Cables (x2)
- CAM In Cable
- Installation Tool Kit
- Frame Adapter
- 4G SIM RCA Cable
- 4G Antenna
- Microphone

- Power Harness (Specific to your car model)
- Can Bus (Optional, depending on car model)

Setup and Installation

Professional installation is recommended. Incorrect installation can damage the unit or your vehicle. Refer to your vehicle's service manual for specific dashboard disassembly instructions.

1. Pre-Installation Check

- Disconnect the vehicle's negative battery terminal before starting any electrical work.
- Ensure the new head unit is compatible with your vehicle's year and model (2009-2016 Peugeot 3008).
- Compare the size of the new unit with your existing car stereo opening.



Figure 2: Size Comparison and Fitment. This image illustrates the size difference between a standard 9-inch unit and the 13.1-inch Strpump unit, demonstrating how the larger screen integrates into the dashboard for an enhanced visual experience.

2. Removal of Original Unit

- Carefully remove the dashboard trim panels surrounding the original car stereo.
- Unscrew and remove the original car stereo.
- Disconnect all wiring harnesses and antenna cables from the original unit.



Figure 3: Before and After Installation. This image provides a visual comparison of the Peugeot 3008 dashboard before the installation of the Strpump unit (top) and after the installation of the 13.1-inch Android stereo (bottom), showcasing the integrated appearance.

3. Wiring Connections

- Connect the provided power harness to the vehicle's wiring. Ensure correct pin assignments.
- Connect the GPS antenna and 4G antenna to their respective ports on the head unit. Position the antennas in a location with clear sky view for optimal signal.
- Connect the USB cables for external devices.
- If installing a rearview camera, connect the CAM In cable.
- Connect the microphone for hands-free calling.
- If your vehicle requires a Can Bus decoder, connect it as per the specific wiring diagram.

4. Mounting the New Unit

- Secure the new head unit into the dashboard opening using the provided frame adapter and screws.

- Reinstall all dashboard trim panels carefully.

5. Post-Installation Check

- Reconnect the vehicle's negative battery terminal.
- Turn on the ignition and power on the head unit.
- Test all functions: radio, navigation, Bluetooth, USB, steering wheel controls, and any connected cameras.

Operating Instructions

1. Power On/Off

- The unit typically powers on automatically with the vehicle's ignition.
- Press and hold the power button (if available) to manually turn the unit off or on.

2. Touchscreen Interface and Android 12 OS

- The 13.1-inch QLED 2K screen (1920x1200P) offers a clear and responsive touch interface.
- Navigate through menus and applications by tapping, swiping, and pinching gestures.
- The Android 12 operating system provides a familiar smartphone-like experience with access to various apps.





Figure 4: QLED Screen Technology. This image details the QLED quantum dot technology, highlighting its 13-inch size, 1920x1200 resolution, and superior color reproduction compared to ordinary displays.

3. Wireless CarPlay & Wired Android Auto

- **Wireless CarPlay:** Connect your iPhone wirelessly via Bluetooth and Wi-Fi to access compatible iOS apps, navigation, music, and Siri voice control on the head unit screen.
- **Wired Android Auto:** Connect your Android phone via a USB cable to use Android Auto features, including Google Maps, music streaming, and Google Assistant.



Figure 5: CarPlay and Android Auto Screen Mirroring. This image demonstrates how your smartphone's applications, such as music and navigation, can be mirrored and controlled directly from the car stereo's Android screen, supporting both wireless iOS CarPlay and wired Android Auto.

4. Navigation (GPS, 4G/WiFi)

- The unit includes built-in GPS with pre-installed offline maps (e.g., IGO).
- Connect to the internet via built-in 4G (requires SIM card) or Wi-Fi to use online navigation apps like Google Maps, Yandex, or Waze.

5. Audio Features

- **DSP Sound System:** Utilize the built-in Digital Sound Processor for advanced audio customization. Adjust the 32-band EQ, sound field, and subwoofer output to tailor your listening experience.



Figure 6: DSP Equalizer Adjustments. This image displays the user interface for the DSP equalizer, allowing precise control over various audio frequencies to customize the sound output.

- **Bluetooth 5.0:** Pair your smartphone for hands-free calling, contact synchronization, and audio streaming. The unit supports automatic reconnection.
- **FM/AM Radio:** Access local radio stations. FM frequency range: 87.5-108 MHz (Europe/America), 65.0-108.0 MHz (Russia). AM frequency range: 522-1620 kHz (Europe/Russia), 530-1710 kHz (America).

6. Multimedia and Video Output

- Download and install various apps from Google Play, including streaming services like Spotify, YouTube, and Netflix.

- The unit supports high-definition video output via 6 RCA audio outputs (front left, front right, rear left, rear right, center, subwoofer) and optional coaxial/optical outputs, allowing connection to external monitors (e.g., headrest screens).

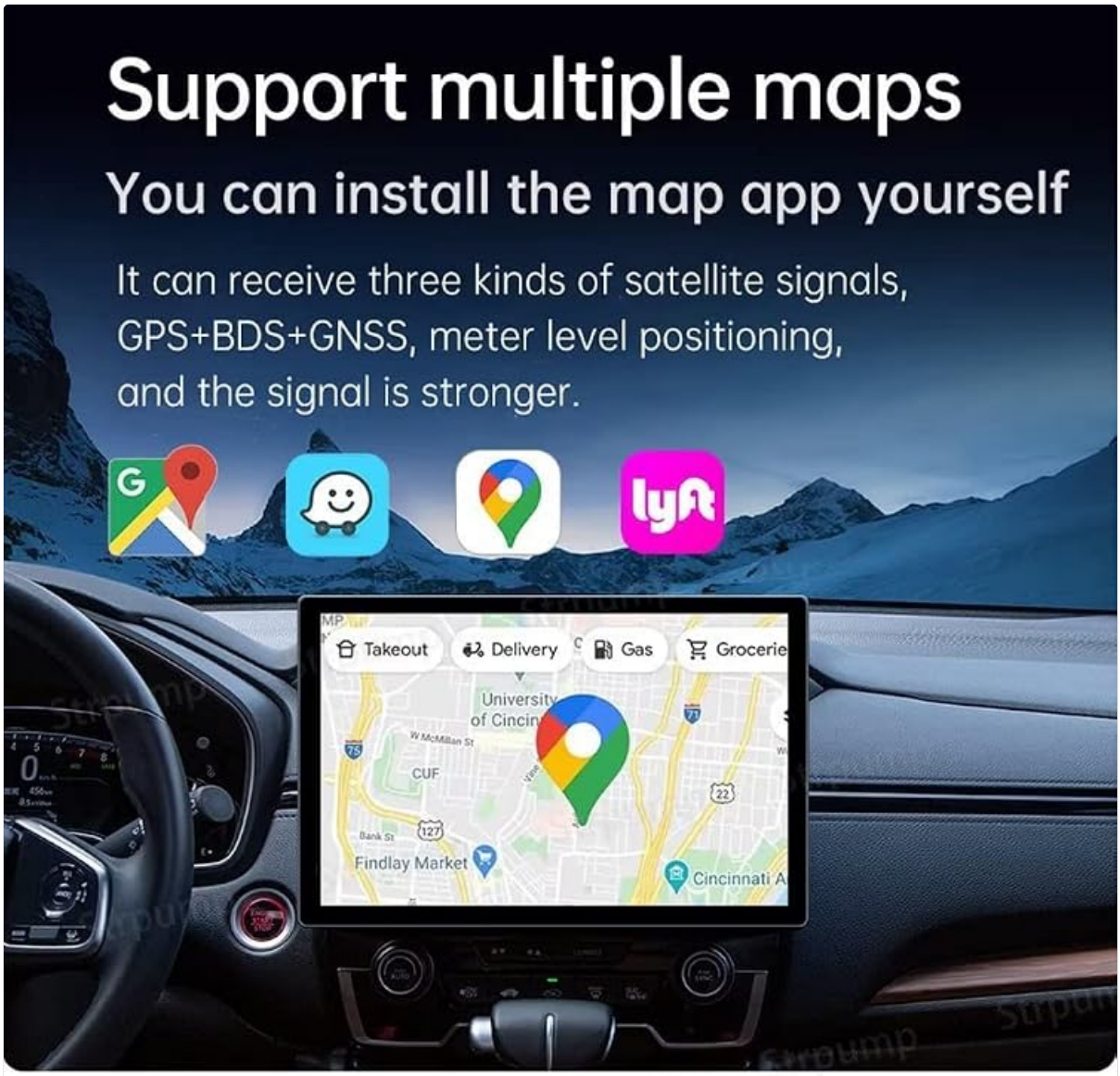






Figure 7: Map and Video App Support. This image demonstrates the unit's capability to support multiple navigation applications and popular video streaming platforms such as YouTube and Netflix.



Figure 8: High Definition Video Output. This image illustrates the unit's ability to output high-definition video to external displays, such as rear-seat monitors, via RCA ports (optional HDMI compatible).

7. Optional Features

- **360 Panorama:** Support for optional 360-degree camera systems for enhanced parking and maneuvering.
- **AHD Rearview Camera:** Compatible with optional AHD rearview cameras for clear reverse imaging.
- **USB DVR Camera:** Support for optional USB Digital Video Recorder cameras for recording driving footage.
- **Steering Wheel Control:** The unit supports integration with your vehicle's existing steering wheel controls for convenient operation.

Maintenance

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals.
- **Software Updates:** Periodically check for software updates provided by Strpump to ensure optimal performance and access to new features. Follow the instructions provided with the update package.
- **General Care:** Keep the unit free from dust and debris. Avoid placing heavy objects on the unit or exposing it to direct impacts.

Troubleshooting

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check power harness connections. Inspect vehicle fuses. Verify battery charge.
No sound.	Volume too low, mute activated, speaker wiring issue, incorrect audio output setting.	Increase volume. Check mute status. Verify speaker connections. Adjust audio settings.
GPS signal lost or inaccurate.	GPS antenna improperly placed or disconnected, environmental interference.	Ensure GPS antenna has a clear view of the sky. Check antenna connection.
Bluetooth connection unstable.	Interference, device too far, incorrect pairing.	Ensure devices are close. Re-pair the Bluetooth device. Avoid other wireless interference.
Touchscreen unresponsive.	Software glitch, screen damage.	Restart the unit. If issue persists, contact support.

Specifications

Feature	Detail
Brand	Strpump
Operating System	Android 12.0
Processor	True Octa Core
RAM	8GB

Feature	Detail
ROM	256GB
Screen Size	13.1 Inches
Screen Type	QLED 2K
Resolution	1920 x 1200P
Connectivity	Bluetooth 5.0, Cellular (4G), USB, Wi-Fi
Special Features	Wireless CarPlay, Wired Android Auto, Built-in DSP Sound System, GPS Navigation, FM/AM Radio
Audio Output Mode	Stereo (6 RCA audio outputs)
Human-Interface Input	Touchscreen
Compatible Vehicle Type	Car (2009-2016 Peugeot 3008)
Map Type	North America (IGO offline map preinstalled)

Warranty Information

This Strpump car stereo unit comes with a**1 Year Warranty** from the date of purchase. This 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.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Strpump customer support. Refer to the contact information provided with your purchase or visit the official Strpump website for support resources.
Online Resources: Strpump Amazon Store