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> AVISON 7-inch Android 8.1 Satellite Navigator User Manual

Avison N8ME7VI

AVISON 7-inch Android 8.1 Satellite Navigator for Mercedes

USER MANUAL

Product Overview

The Avison 7-inch Android 8.1 Satellite Navigator is a sophisticated multimedia and navigation system designed specifically for Mercedes vehicles. It integrates seamlessly with your car's existing systems, offering advanced features such as hands-free calling, rear camera support, and full Android functionality with access to the Google Playstore.

This unit is compatible with the following Mercedes car models:

- Mercedes A-W169 (2004-2012)
- Mercedes B-W245 (2004-2012)
- Mercedes Viano W639 (2006-2014)
- Mercedes Vito W639 (2006-2016)
- Mercedes Sprinter W906 (2006-2016)

Key Features

- **Android 8.1 Operating System:** Enjoy full Android functionality with access to the Google Playstore for downloading your favorite applications and free map updates.
- **Seamless Phone Connectivity:** Supports connection with various smartphones, including iPhone (iOS) and Android devices. Features include hands-free calling via Bluetooth (with built-in microphone), audio sharing, and screen mirroring.
- **Rear Camera Support:** Connect a universal rear camera (cinch connection, NTSC/PAL) for easier and safer parking. The unit automatically switches to the reverse display when the car is in reverse gear.
- **Perfect Canbus Compatibility:** The unit automatically powers on and off with the ignition, preventing battery drain. Original vehicle functions such as steering wheel controls, air conditioning display, and parking sensors are supported. No additional frames or programming are required for installation.
- **Powerful Hardware:** Equipped with an Android 8.1 operating system, 2GB RAM, 16GB internal memory, and a Quad-core processor for smooth and fluid operation.

- **Multimedia Playback:** Play audio and video via USB, Bluetooth (A2DP), Micro SD card, AUX, CD/DVD, or FM radio.
- **Additional Features:** Supports optional DAB+ digital radio (requires DAB+ stick), adjustable button color, digital equalizer, subwoofer support, optional 3G/4G dongle, and DVR dashcam connection for recording your journey.

Setup and Installation

The Avison Satellite Navigator is designed for straightforward installation in compatible Mercedes models. Its Canbus compatibility ensures a perfect fit without the need for additional frames or complex programming.

Package Contents:

Before beginning installation, ensure all components are present in the package:

- Autoradio (Main Unit)
- Quadlock Connector
- User Manual
- AUX Cable
- USB Cable
- GPS Antenna

ACCESSOIRES



ISO CONNECTOR



USB CABLE



GPS ANTENNA



RCA CABLE



MICROPHONE



USER MANUAL

***the actual cables may differ slightly in reality.**

Figure 1: Included Accessories. This image displays the essential accessories that come with the Avison satellite navigator. These include an ISO connector for vehicle integration, a USB cable for data transfer and device connection, a GPS antenna for navigation, an RCA cable for audio/video connections, an external microphone for improved hands-free call quality, and the user manual for detailed instructions.

Connecting the Unit:

Refer to the rear view of the unit for proper connection points:

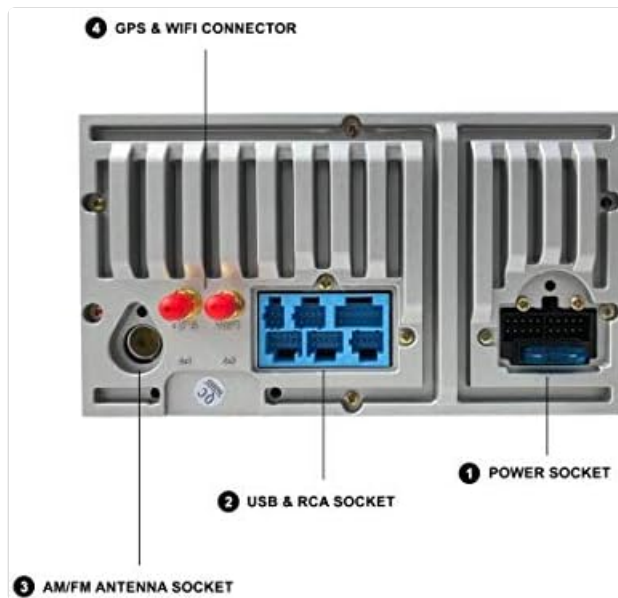


Figure 2: Rear Connection Ports. This image provides a detailed view of the rear panel of the Avison unit, highlighting its various connection ports. Clearly labeled are the Power Socket (1), USB & RCA Socket (2), AM/FM Antenna Socket (3), and GPS & WiFi Connector (4). These ports facilitate power supply, audio/video input/output, radio reception, and navigation/internet connectivity.

1. **Power Connection:** Connect the Quadlock connector to the Power Socket (1) on the rear of the unit and to your vehicle's wiring harness.
2. **USB & RCA Connections:** Use the provided USB and RCA cables to connect external devices or audio/video sources to the USB & RCA Socket (2).
3. **Antenna Connection:** Connect your vehicle's AM/FM antenna to the AM/FM Antenna Socket (3).
4. **GPS & WiFi:** Connect the supplied GPS antenna to the GPS & WiFi Connector (4) for navigation functionality.
5. **Rear Camera:** If installing a rear camera, connect it to the appropriate cinch input. The unit supports NTSC/PAL cameras.
6. **Optional Accessories:** Connect optional accessories like the DAB+ stick, 3G/4G dongle, or DVR dashcam to their respective ports as per their individual instructions.

Operating Instructions

Basic Operation:

The unit powers on automatically with your vehicle's ignition and powers off when the ignition is turned off, thanks to Canbus integration.



Figure 3: Main Interface. This image shows the front of the Avison 7-inch Android 8.1 Satellite Navigator. The large touchscreen display is active, showing the current time and date, along with intuitive icons for accessing various functions such as radio, music player, and video playback. The physical buttons on the sides of the unit are also visible, providing tactile control.

Radio Function:

Access the radio function from the main screen. You can tune to FM stations and save your favorite frequencies as presets.



Figure 4: FM Radio Interface. This image illustrates the Avison unit's FM radio interface. The central display shows the current radio frequency, 87.50 MHz, with tuning controls. Below, several preset station buttons are visible, allowing for quick access to favorite radio channels.

Bluetooth Hands-Free Calling:

Pair your smartphone via Bluetooth to make and receive calls hands-free. You can download your contact list and call logs to the device.



Figure 5: Bluetooth Dial Pad. This image shows the Avison unit's Bluetooth hands-free calling screen. A large numeric dial pad occupies the center of the display, enabling users to dial phone numbers directly from the unit. Icons for call history, contacts, and other phone functions are also present.

Steering Wheel Control:

The unit supports your vehicle's original steering wheel controls, allowing you to manage audio, calls, and other functions without taking your hands off the wheel.

Screen Mirroring:

Mirror the screen of your smartphone directly onto the radio display for enhanced viewing of apps, navigation, or media.

Google Playstore and Apps:

With Android 8.1, you can access the Google Playstore to download and install various applications, including navigation apps, music streaming services, and more.

Maintenance

To ensure the longevity and optimal performance of your Avison Satellite Navigator, follow these general maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the display and exterior surfaces. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, for extended periods.

- **Software Updates:** Periodically check for software updates to ensure you have the latest features and performance improvements. Updates can typically be found through the unit's system settings or the manufacturer's website.

Troubleshooting

This section provides solutions to common issues you might encounter with your Avison Satellite Navigator. If you experience a problem not listed here, please refer to the support section.

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect power connection; vehicle ignition off; blown fuse.	Ensure the Quadlock connector is securely attached. Check vehicle ignition. Inspect vehicle's fuse box for a blown fuse related to the radio/multimedia system.
No sound from speakers.	Volume too low; mute activated; incorrect speaker wiring.	Increase volume. Check if mute function is active. Verify speaker wiring connections.
Bluetooth device cannot connect.	Bluetooth not enabled on unit or phone; device not in pairing mode; interference.	Ensure Bluetooth is enabled on both the unit and your phone. Put your phone in pairing mode. Try restarting both devices.
GPS signal is weak or lost.	GPS antenna not properly connected or obstructed; driving in an area with poor satellite coverage.	Ensure the GPS antenna is securely connected and placed in a location with a clear view of the sky. Move to an open area if signal is consistently poor.

Specifications

Feature	Detail
Brand	Avison
Manufacturer Part Number	N8ME7VI
Operating System	Android 8.1
RAM	2 GB
Internal Storage	16 GB
Processor	Quad-core
Compatible Devices	Smartphone
Audio Output Mode	Stereo
Connectivity Technology	AUX, Bluetooth, USB
Total HDMI Ports	1
Supported Internet Services	Google TV <i>(Note: This likely refers to Android TV capabilities or Google services integration, not necessarily a full Google TV device.)</i>
Control Method	App

Feature	Detail
First Available Date	May 27, 2019

Warranty and Support

Information regarding product warranty and specific customer support contacts was not available in the provided product data. For warranty details or technical assistance, please refer to the documentation included with your product or visit the official Avison website.

