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> VECHEL 9-inch Car Radio User Manual for Suzuki Swift 2011-2017

VECHTEL A7267A3796A4MI2

VECHTEL 9-inch Car Radio User Manual

Model: A7267A3796A4MI2 | For Suzuki Swift 2011-2017

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your VECHEL 9-inch Bluetooth Car Radio. This unit is designed specifically for Suzuki Swift models manufactured between 2011 and 2017, offering advanced features such as Wireless CarPlay, Android Auto, GPS navigation, and a high-resolution display. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Due to the complexity of car electrical systems, professional installation is highly recommended to prevent damage to the unit or your vehicle.
- **Power Supply:** Ensure the unit is connected to a 12V DC power supply with a negative ground. Incorrect voltage can cause damage.
- **Wiring:** Carefully follow the wiring diagram. Incorrect wiring can lead to malfunctions or electrical hazards.
- **Driving Safety:** Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.
- **Temperature:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

Product List



User Manual



MIC



Rear Camera



Installation Tool



RCA Cable



USB Cable



Rear Camera Input Cable



GPS Antenna



Power Cable



Original USB Cable

Figure 3.1: Included components of the VECHTEL 9-inch Car Radio system.

- VECHTEL 9-inch Car Radio Main Unit
- User Manual
- Microphone (MIC)
- Rear Camera
- Installation Tool
- RCA Cable Set
- USB Cables (x2)

- Rear Camera Input Cable
- GPS Antenna
- Power Cable
- Original USB Cable

4. INSTALLATION GUIDE

This section outlines the general steps for installing the VECHTEL car radio. Specific vehicle disassembly procedures may vary. Refer to your vehicle's service manual if necessary.

4.1 Pre-Installation Checks

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your vehicle's battery to prevent electrical shorts.
2. **Remove Old Unit:** Carefully remove the existing car radio or dashboard panel to access the wiring harness.
3. **Inspect Wiring:** Identify the power, speaker, and antenna connections.

4.2 Connecting the Unit

1. **Power Cable:** Connect the provided power cable to the vehicle's wiring harness. Ensure correct connections for constant power (B+), accessory power (ACC), and ground (GND).
2. **Speaker Wires:** Connect the speaker wires from the unit to the corresponding vehicle speaker wires. Pay attention to polarity (+/-).
3. **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield. Route the cable to the unit and connect it.
4. **USB Cables:** Route the USB cables to a convenient location (e.g., glove compartment) and connect them to the unit.
5. **Rear Camera:** If installing the rear camera, route its cable from the rear of the vehicle to the unit. Connect the video signal cable and the reverse trigger wire (usually to the vehicle's reverse light circuit).
6. **Microphone:** Connect the external microphone and position it for optimal voice pickup.
7. **RCA Cables:** Connect any additional RCA cables for external amplifiers or video outputs as needed.

4.3 Mounting and Final Checks

1. **Test Connections:** Before fully reassembling, reconnect the vehicle battery and perform a quick test of the unit's basic functions (power on, radio, sound).
2. **Mount Unit:** Securely mount the car radio into the dashboard opening using the provided brackets and screws.
3. **Reassemble Dashboard:** Carefully reassemble any removed dashboard panels.

For Suzuki Swift 2005-2010



Figure 4.1: Visual comparison of the Suzuki Swift dashboard before and after the VECHEL car radio installation.

5. INITIAL SETUP

After successful installation, follow these steps for initial setup.

1. **First Power On:** Turn on your vehicle's ignition. The unit should power on automatically.
2. **Language Selection:** Follow the on-screen prompts to select your preferred language.

3. **Date and Time:** Set the correct date and time. This can often be synchronized automatically via GPS or network connection.
4. **Wi-Fi Connection:** Connect the unit to a Wi-Fi hotspot (e.g., from your smartphone) to enable online features, app downloads, and system updates. Go to **Settings > Network & Internet > Wi-Fi**

6. OPERATING INSTRUCTIONS

6.1 Basic Navigation and User Interface

The unit runs on Android 15, providing a familiar smartphone-like interface. Swipe left or right on the home screen to access different app pages. Tap on app icons to launch them.



Figure 6.1: Overview of the VECHETEL car radio's main features and user interface.

6.2 Bluetooth Connectivity (Bluetooth 5.1)

The unit supports Bluetooth 5.1 for hands-free calling and audio streaming.

1. **Pairing:** Go to **Settings > Connected devices > Pair new device**. Enable Bluetooth on your smartphone and select the car radio from the list of available devices. Confirm the pairing code on both devices.
2. **Hands-Free Calling:** Once paired, you can make and receive calls directly from the car radio screen. The external microphone ensures clear audio.

3. **Audio Streaming:** Play music from your smartphone through the car's speakers via Bluetooth.

6.3 Wireless CarPlay & Android Auto

Connect your iPhone or Android smartphone wirelessly for a seamless in-car experience.

1. **Enable Wi-Fi and Bluetooth:** Ensure both Wi-Fi and Bluetooth are enabled on your smartphone and the car radio.
2. **Connect:** For iPhones, open the CarPlay app on the head unit. For Android phones, open the Android Auto app. Follow the on-screen instructions to connect. Your phone may prompt you to allow the connection.
3. **Voice Control:** Use Siri (for CarPlay) or Google Assistant (for Android Auto) for voice commands, navigation, messaging, and music control.

Carplay & Android Auto



Mirror Link



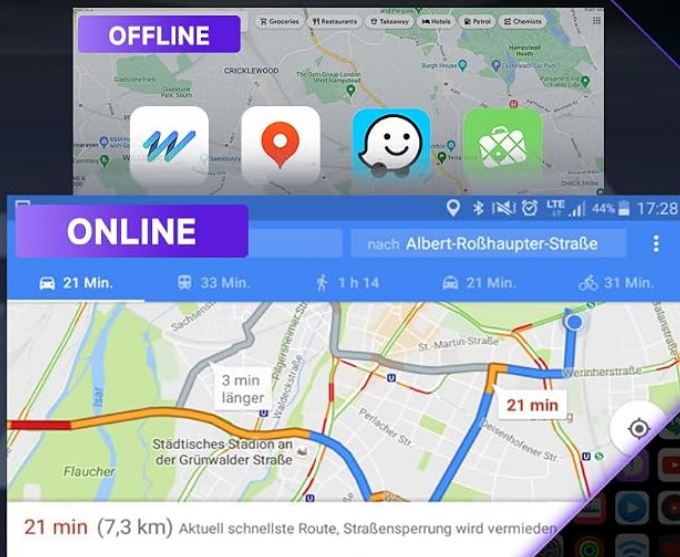
Figure 6.2: Wireless CarPlay, Android Auto, and Mirror Link in operation.

6.4 GPS Navigation

The unit supports both online and offline navigation.

1. **Online Navigation:** With a Wi-Fi connection, use pre-installed map applications or download your preferred navigation apps from the App Store.
2. **Offline Navigation:** Download map data for offline use in areas with limited network coverage.
3. **Split Screen:** Utilize the split-screen feature to view navigation alongside another application, such as music playback.

GPS Navi



Wifi Connection

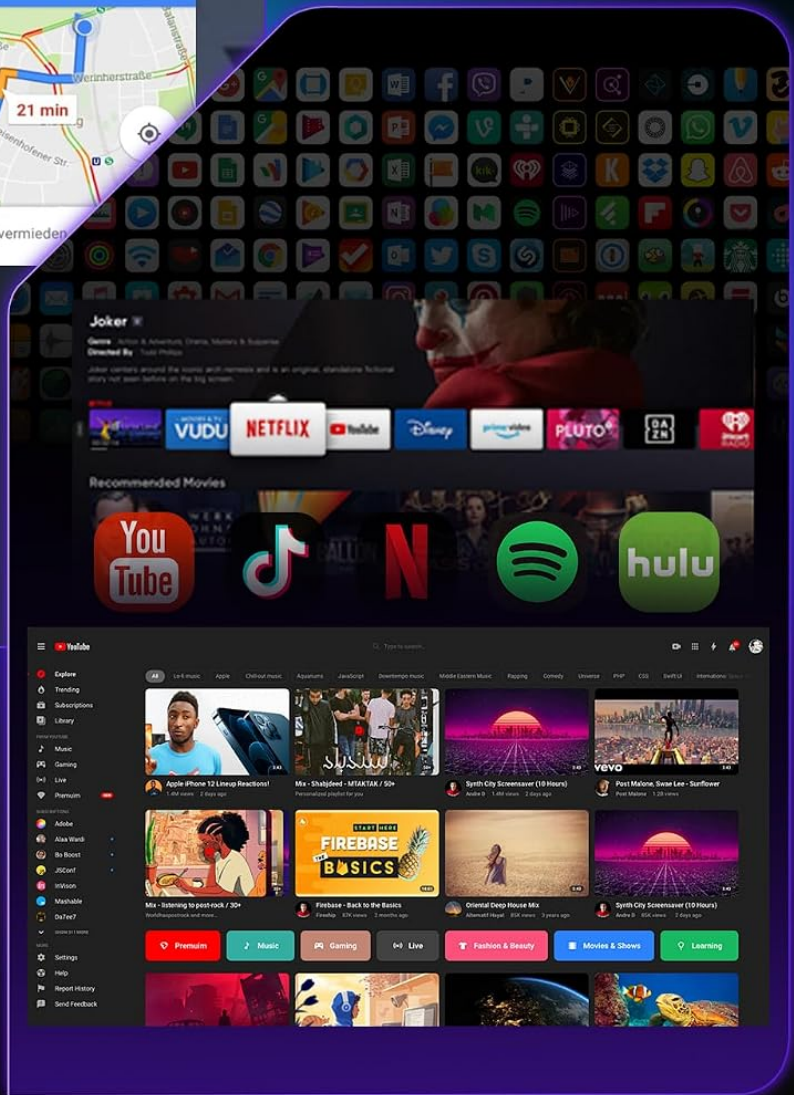


Figure 6.3: GPS Navigation and Wi-Fi connectivity features.

6.5 FM/RDS Radio

Access local radio stations with clear reception.

1. **Tuning:** Open the Radio app. Use the scan function to automatically find and save available stations or manually tune to frequencies.
2. **RDS (Radio Data System):** When available, RDS will display station names, program types, and other information.

3. **Presets:** Save your favorite stations to preset buttons for quick access.

6.6 Mirror Link (Airplay & Android Cast)

Mirror your smartphone screen onto the car radio display.

1. **Connection:** Connect your phone via USB or Wi-Fi.
2. **Airplay (iOS):** For iPhones, use the Airplay function to mirror your screen. This typically offers one-way operation (viewing only).
3. **Android Cast (Android):** For Android phones, use the Android Cast feature. This may offer two-way operation, allowing control from the car radio screen.

6.7 Reversing Camera (AHD Support)

The unit supports AHD reversing cameras for enhanced visibility when backing up.

1. **Automatic Display:** When the vehicle is shifted into reverse gear, the screen will automatically switch to the rear camera view.
2. **Night Vision:** The included AHD camera features night vision for clear visibility in low-light conditions.
3. **Guidelines:** Dynamic parking guidelines may be displayed on the screen to assist with parking maneuvers.

Reversing Camera



IP68 Waterproof



HD HD Image



Night Vision



720P



Steering Wheel Control



Figure 6.4: Reversing camera view and steering wheel control setup.

6.8 Steering Wheel Control

Integrate your vehicle's steering wheel controls with the car radio for convenient operation.

1. **Learning Function:** Go to **Settings > Steering Wheel Control**. Follow the on-screen instructions to program each button on your steering wheel to a specific function (e.g., volume up/down, track skip, mode).
2. **Customization:** Assign functions like changing songs, adjusting volume, or answering calls directly from your steering wheel.

6.9 Split Screen Functionality

Run two applications simultaneously on the 9-inch display.

- 1. Activate:** While an app is open, long-press the recent apps button or swipe up and hold from the bottom of the screen (depending on UI version) to enter split-screen mode.
- 2. Select Second App:** Choose another compatible app to run alongside the first.
- 3. Adjust Size:** Drag the divider between the two apps to adjust their display size.

6.10 Expand Functionality

The unit supports additional accessories to enhance its capabilities.

- USB Recorder (Dash Cam):** Connect a compatible USB dash camera to record driving footage.
- DAB+ (Digital Audio Broadcasting):** Connect an external DAB+ receiver for access to digital radio stations (receiver sold separately).
- OBD (On-Board Diagnostics):** Connect an OBD-II adapter (sold separately) to monitor vehicle performance data via compatible apps.

7. 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 Wi-Fi connection in the settings menu to ensure optimal performance and access to new features.
- Backup Data:** Regularly back up any important data or settings if applicable.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; Vehicle battery disconnected.	Check power cable connections; Inspect vehicle fuses; Ensure battery is connected.
No sound.	Speaker wires incorrectly connected; Volume too low; Mute activated.	Verify speaker wiring polarity; Increase volume; Check if mute is active.
Bluetooth not connecting.	Bluetooth off on phone/unit; Device not in pairing mode; Interference.	Ensure Bluetooth is on; Put both devices in pairing mode; Try re-pairing.
GPS signal weak/lost.	GPS antenna obstructed or improperly installed; Driving in tunnels/covered areas.	Relocate GPS antenna for clear sky view; Wait for signal in open areas.
Rear camera not displaying.	Camera cable loose; Reverse trigger wire not connected; Camera faulty.	Check camera video and trigger wire connections; Test camera functionality.
Touchscreen unresponsive.	System freeze; Dirt on screen.	Restart the unit (long press power button); Clean screen with a soft cloth.

9. SPECIFICATIONS

- **Brand:** VECHTEL
- **Model:** A7267A3796A4MI2
- **Operating System:** Android 15
- **RAM:** 4 GB
- **Internal Storage:** 128 GB
- **Display Size:** 9 inches
- **Display Type:** IPS Touchscreen
- **Resolution:** 1280 x 720 pixels
- **Connectivity:** Bluetooth 5.1, Wi-Fi, USB
- **Supported Features:** Wireless CarPlay, Android Auto, GPS Navigation (Online/Offline), FM/RDS Radio, Mirror Link, AHD Reversing Camera Input, Steering Wheel Control
- **Power Supply:** 12V DC (Negative Ground)

10. WARRANTY AND SUPPORT

Your VECHTEL car radio comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact VECHTEL customer service through the retailer where you purchased the product or visit the official VECHTEL website.

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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Details

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

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