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› Avylet Carplay Android Auto 9-inch Display User Manual

Avylet RM

Avylet Carplay Android Auto 9-inch Display User Manual

Model: RM

INTRODUCTION

Thank you for choosing the Avylet Carplay Android Auto 9-inch Display. This device is designed to enhance your driving experience with seamless smartphone integration, navigation, and entertainment features. It includes a 9-inch HD touchscreen, wireless Apple CarPlay and Android Auto support, voice control, real-time GPS navigation, and an IP67 waterproof backup camera. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting.

SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using this product to ensure safe operation and prevent damage.

- Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- Ensure the device is securely mounted and does not obstruct your view or interfere with vehicle controls.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Only use the provided power cable and accessories. Using unauthorized accessories may cause damage or fire.
- Do not attempt to disassemble or repair the device yourself. Refer all servicing to qualified personnel.
- The backup camera is for parking assistance only and should not be solely relied upon for safe maneuvering. Always check your surroundings visually.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Avylet 9-inch Carplay Android Auto Display
- IP67 Waterproof Backup Camera
- Magnetic Mount
- Suction Cup Mount

- Power Cable (Type-C)
- User Manual
- Rear Camera Cable (19.7FT)

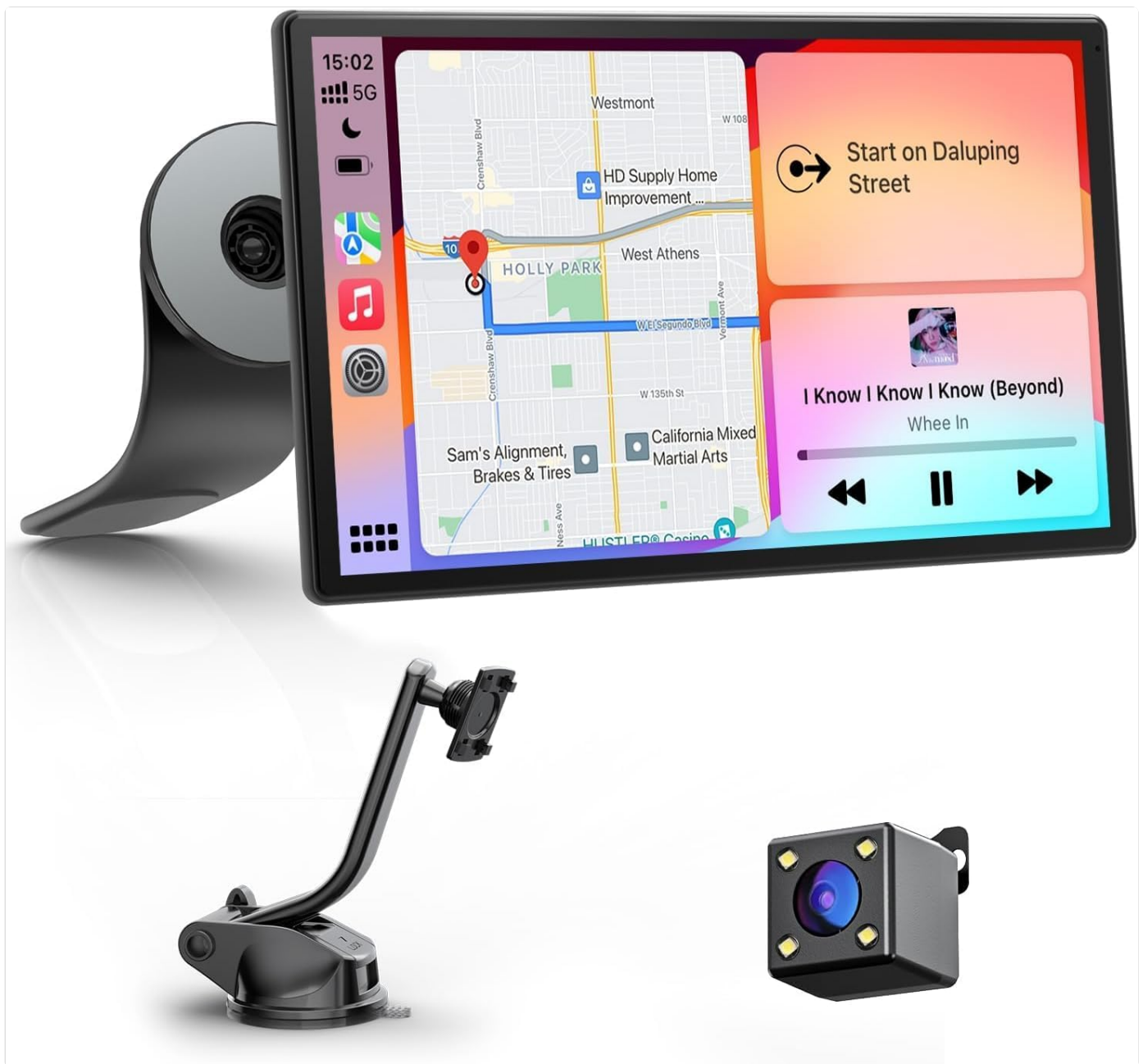


Image: Main components of the Avylet Carplay Android Auto system, including the 9-inch display, a flexible magnetic mount, a suction cup mount, and the IP67 waterproof backup camera.

PRODUCT OVERVIEW

The Avylet Carplay Android Auto display features a responsive 9-inch touchscreen and multiple connectivity options for an enhanced in-car experience.

Key Features:

- **9-inch HD Touchscreen:** 1024 x 600 resolution for clear visuals.
- **Wireless Apple CarPlay & Android Auto:** Seamless integration with your smartphone for calls, maps, music, and more.
- **Voice Control:** Hands-free operation via Siri or Google Assistant.

- **Real-time GPS Navigation:** Accurate route planning with traffic updates.
- **IP67 Waterproof Backup Camera:** Enhances parking safety.
- **Flexible Mounting Options:** Magnetic and suction cup mounts for stable installation.
- **Multiple Audio Outputs:** Bluetooth, AUX, FM, and built-in speaker.
- **OTA Updates:** Ensures continuous software improvements.
- **Portrait and Landscape Mode Support:** Flexible screen orientation.

SETUP AND INSTALLATION

Follow these steps for proper installation of your Avylet Carplay Android Auto display and backup camera.

1. Choosing a Mounting Location:

Select a flat, clean surface on your dashboard or windshield that does not obstruct your view or interfere with airbags or vehicle controls. The device supports both magnetic and suction cup mounts.

Magnetic Mount, Easy to Bend and Detach

Offers flexible height and angle adjustment to prevent obstruction of your view; Compatible with various vehicle models, providing a safer and more convenient driving experience

Notes: For small cars, consider the actual installation to avoid obstructing your view



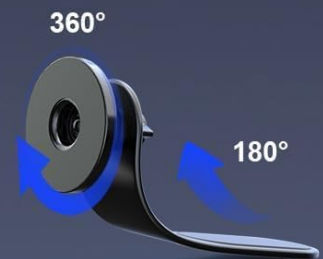
Image: Illustration of the magnetic mount mechanism on the back of the display, highlighting its flexible and adjustable design for various vehicle types.

Dual Mount Design for Multiple Installation

Adjustable to fit your vehicle, unobstructed view



Suction Cup Bracket



Magnetic Mount

Image: Visual representation of the dual-mount design, showcasing both the suction cup bracket with 360-degree rotation and the magnetic mount with 360-degree rotation and 180-degree tilt, allowing for multiple installation positions.

2. Installing the Mount:

For the magnetic mount, clean the dashboard surface thoroughly. Install and press the steel joint firmly, then wait 24 hours for it to set. Remove the red film, align the mount, and press to adapt to the dashboard curve. Allow 12-24 hours before attaching the screen. For the suction cup mount, ensure the surface is clean, press the suction cup firmly, and engage the lever to secure it.

3. Attaching the Display:

Once the mount is securely installed, attach the Avylet 9-inch display to the mount. The magnetic mount allows for 360-degree rotation and 180-degree tilt for optimal viewing angles.

4. Connecting Power:

Connect the provided Type-C power cable from your car charger to the display's Type-C port.

5. Installing the Backup Camera:

Install the IP67 waterproof backup camera at the rear of your vehicle. Connect the red wire of the camera to your vehicle's reverse light power source. This will enable the display to automatically show the rear view when you shift into reverse gear.



Image: Diagram illustrating the IP67 waterproof rear camera's features, including 4 LED lights, 170-degree viewing angle, adjustable reversing lines, and its function in providing clear visibility for safer parking. The image also shows the camera view on the Avylet display when reversing.

OPERATING INSTRUCTIONS

1. Powering On/Off:

The device will power on automatically when connected to power. To power off, disconnect the power cable or use the

designated power button if available (refer to device interface).

2. Connecting to Apple CarPlay or Android Auto:

The Avylet display supports wireless Apple CarPlay and Android Auto. Ensure your phone's Wi-Fi and Bluetooth are enabled. On the display, navigate to the CarPlay or Android Auto icon and follow the on-screen prompts to pair your device. Note: The Avylet camera and car screen require Wi-Fi to connect to your phone, so the same phone cannot connect to both devices simultaneously.



Image: Screenshots demonstrating the wireless Apple CarPlay and Android Auto interfaces on the Avylet display, showing access to phone calls, music, navigation, and messaging apps.

3. Voice Control:

Activate Siri or Google Assistant by saying "Hey Siri" or "Hey Google" (or pressing the voice command button on the screen/steering wheel if configured). Use voice commands for hands-free operation of calls, navigation, and music.

Voice Control & Live GPS Navigation

Hands-free navigation and calls via CarPlay or Android Auto, ensuring safer driving



Message



Google Map



Apple Map



Sygic



Skype



Waze



Hey Google, send Molly a message saying I'm almost home



Hey Siri, Call Molly



Bluetooth



5G WIFI



Image: Visual representation of voice control functionality, showing examples like "Hey Google, send Molly a message" and "Hey Siri, Call Molly," alongside a map displaying live GPS navigation on the Avylet screen.

4. Navigation:

Access navigation apps (e.g., Apple Maps, Google Maps, Waze) through CarPlay or Android Auto. The display provides real-time route planning and traffic updates.

5. Audio Output Options:

The device offers several audio output methods:

- **Built-in Speaker:** For direct audio output from the display.
- **Bluetooth:** Connect to your car's Bluetooth system for audio playback.
- **AUX:** Use an AUX cable to connect the display to your car's AUX input.
- **FM Transmitter:** Transmit audio to your car's FM radio. Before pairing, set your car's FM radio to an empty frequency, then match it with the frequency displayed on the Carplay unit.

Four Types of Audio Output

Wireless high-fidelity audio, easy car audio sync, or wired connection for pure sound



Image: Diagram illustrating the four audio output options: built-in speaker, streaming audio to car speakers via FM Sync, streaming audio via Bluetooth to car speakers, and streaming audio to car speakers via AUX connection.

6. Portrait and Landscape Mode:

The Avylet display supports flexible switching between portrait and landscape modes. Adjust the screen orientation for optimal visibility, especially useful for navigation or media consumption.



Image: The Avylet 9-inch rotating touchscreen displayed in both portrait and landscape modes within a car interior, demonstrating its adaptability for navigation and other applications.

7. Split Screen Functionality:

Utilize the split-screen feature to display two applications simultaneously, such as navigation and music, enhancing convenience and safety.

8. Steering Wheel Control:

If your vehicle has compatible steering wheel shortcut buttons, you can use them to control the Avylet display, minimizing distractions while driving.

9. OTA Updates:

The CarPlay unit supports Over-The-Air (OTA) updates. Ensure your device is connected to Wi-Fi to receive the latest software features and performance enhancements automatically.

OTA Upgrade

Automatic online updates and regular firmware upgrades
keep your software current, saving time and ensuring a smoother, safer experience



Image: A conceptual image illustrating the OTA (Over-The-Air) upgrade process, showing data flowing from a cloud icon to the Avylet display, symbolizing automatic online updates and firmware upgrades.

MAINTENANCE

To ensure the longevity and optimal performance of your Avylet display:

- Clean the screen regularly with a soft, lint-free cloth. Do not use abrasive cleaners or solvents.
- Keep the device free from dust and debris.
- Ensure all cables are securely connected and not pinched or damaged.
- If the device will not be used for an extended period, disconnect it from power.

TROUBLESHOOTING

If you encounter issues with your Avylet display, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Device does not power on.	Ensure the Type-C power cable is securely connected to both the device and the car charger. Check if the car charger is receiving power (e.g., check car's fuse box).
Cannot connect to Apple CarPlay/Android Auto.	Ensure your phone's Wi-Fi and Bluetooth are enabled. Make sure your phone is not connected to another Wi-Fi network or device that conflicts with the display's connection. Restart both your phone and the Avylet display. Note: Avylet Carplay is not compatible with Huawei models. Note: The Avylet camera and car screen require Wi-Fi to connect to your phone, so the same phone cannot connect to both devices simultaneously.
No audio output.	Check the selected audio output mode (Bluetooth, AUX, FM, built-in speaker). If using FM, ensure your car radio is tuned to the correct empty frequency. Adjust the volume on both the Avylet display and your car's audio system.
Backup camera image not displayed.	Ensure the camera cable is securely connected to the display. Verify that the camera's red wire is correctly connected to the reverse light power source. Check if the vehicle is in reverse gear.
Screen rotation not working.	Ensure the display is properly seated on its mount, allowing for rotation. Check for any physical obstructions.

SPECIFICATIONS

Feature	Detail
Brand	Avylet
Model Name	RM
Vehicle Service Type	Truck, Car, SUV, Jeep, RV
Screen Size	9 Inches
Special Feature	Bluetooth
Connectivity Technology	Wi-Fi
Included Components	Carplay unit
Mounting Type	Dashboard Mount, Windshield Mount
Memory Storage Capacity	256 GB
Item Weight	431 Grams

Feature	Detail
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WARRANTY AND SUPPORT

Avylet provides a **2-year warranty** and **lifetime technical support** for this product. For any inquiries, technical assistance, or warranty claims, please contact Avylet customer support directly. You can find contact information in the product packaging or by visiting the official Avylet website: [Avylet.com](#). Our team aims to respond to your requests within 12 hours.

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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

How can I update the software on my Avylet RM 9-inch display to fix Android Auto connection drops with my Samsung S10?

The Avylet RM 9-inch display supports Over-The-Air (OTA) updates, which are designed to improve software performance and fix connectivity issues. To update your device, follow these steps:Connect to Wi-Fi: Ensure the Avylet display is...

[Read full answer](#)

