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› 8" Wireless Apple Carplay Screen & Android Auto, Portrait & Landscape Screen, OTA, Magnetic Mount, 1080P Backup Camera, Portable Car Stereo, GPS Navigation, Bluetooth/Voice Control/Mirror Link

Avylet RC04

Avylet 8" Wireless Apple CarPlay & Android Auto Portable Car Stereo

USER MANUAL - MODEL: RC04

Introduction

This manual provides comprehensive instructions for the Avylet 8-inch Wireless Apple CarPlay and Android Auto portable car stereo (Model RC04). This device enhances your driving experience by integrating smartphone functionalities like navigation, music, and communication directly onto an intuitive touchscreen display. It supports both portrait and landscape screen orientations, features a magnetic mount for easy installation, and includes a 1080P backup camera for enhanced safety. Please read this manual thoroughly to ensure proper installation, operation, and maintenance of your device.



Image: The Avylet 8-inch portable car stereo, showcasing its sleek design, magnetic mount, and the included 1080P backup camera. The screen displays a typical Apple CarPlay interface with various app icons.

Setup and Installation

Mounting Options

The Avylet portable car stereo offers versatile mounting solutions to suit your vehicle's interior and your preference. It includes both a magnetic mount and a suction cup mount.

- **Magnetic Mount:** This mount features a bendable 180-degree design with a multifunctional 360-degree rotating ball joint, allowing for easy adjustment of the display angle without obstructing your view. It ensures one-second installation and removal with one-handed operation. A specially designed steel gasket enhances stability.
- **Suction Cup Mount:** Provides a secure attachment to your dashboard or windshield.

Four Ways to Output Audio

Choose to play audio directly through the built-in speaker or transmit it to the car speakers for a louder sound

Built-in Speaker



Stream Audio via Bluetooth to Car Speakers



Stream Audio to Car Speakers via FM Sync



Stream audio to car speakers via AUX



Image: A visual representation of the two primary mounting options: the suction cup bracket with 270-degree and 360-degree rotation, and the magnetic mount with 180-degree and 360-degree rotation, highlighting their flexibility.

Bent at Any Angle without Blocking View

Bendable magnetic bracket with 8-inch rotatable display that doesn't obstruct your review, ensuring safer driving.



One-second Secured



One-hand Operation



No Obstruction



Hold up to 1.33lbs



Image: The Avylet car stereo mounted on a car's dashboard, demonstrating how the bendable magnetic bracket allows for an optimal viewing angle without blocking the driver's line of sight.

Rear Camera Installation

The system includes a 1080P IP67 waterproof rear camera with a 170° viewing angle for safe reversing. Follow these steps for installation:

1. Mount the rear camera securely at the back of your vehicle.
2. Connect the camera cable to the main unit.
3. Identify your vehicle's reverse light wiring. Connect the red wire from the camera cable to your vehicle's reverse light power supply. This ensures the rear image displays automatically when you shift into reverse.

Note: The included rear camera cable is 24.5ft long. If this length is insufficient for your vehicle, please contact customer support for a free extension. This rear camera is designed for auxiliary reversing and rear traffic observation, not for recording.

1080P Waterproof Rear Camera & Parking Assistance

Equipped with HD rearview camera and reverse assist function, improves your rear view and eliminates the blind spot while reversing



Adjustable Reversing Line



170° Wide Angle



1080P Resolution



IP67 Waterproof

Note: If the 24.5FT rear cable is not long enough, reach out to us for a free extension one; The rear camera is intended for auxiliary reversing and observing rear traffic, not for recording



Image: An illustration detailing the 1080P waterproof rear camera, its wide 170-degree viewing angle, and how it integrates with the car stereo for parking assistance, showing the camera unit and a car with the display showing the rear view.

Operating Instructions

Wireless Apple CarPlay & Android Auto

Wirelessly connect your smartphone to the 8-inch touchscreen to access Apple CarPlay or Android Auto. This allows seamless synchronization with popular apps like Spotify, Waze, Pandora, Zoom, and Telegram. Once set up, the system automatically reconnects every time you enter your car, providing effortless navigation, music playback, calls, and messaging.

Wireless Apple Carplay & Android Auto & Mirror Link

Once connected, it enables core phone functions like calls, messages, music, navigation, and more



Apple Carplay



Android Auto



Mirror Link



WiFi Bluetooth



Image: The car stereo screen showing both Apple CarPlay and Android Auto interfaces, demonstrating wireless connectivity and mirroring capabilities. The top image shows the CarPlay interface, while the bottom image shows a phone screen mirrored onto the stereo display.

Smart Voice Control & Live GPS Navigation

Utilize Apple CarPlay or Android Auto for real-time GPS navigation with voice guidance, traffic updates, and estimated arrival times. Use Siri or Google Assistant for hands-free control of navigation, calls, messaging, and music, ensuring you remain focused on the road. This feature is fully functional in both portrait and landscape modes.

Voice Control & Live GPS Navigation

Use CarPlay or Android Auto to navigate, play music, and make hands-free calls with voice assistance, helping to prevent distracted driving



Google Map



Apple Map



Waze



Sygic



Telegram



Zoom



Skype



Message

Hey google, Call Lory

Hey Siri, navigate to nearest gas station



Image: A driver interacting with the car stereo using voice commands for navigation and phone calls, illustrating the hands-free operation of Google Maps, Apple Maps, Waze, and other communication apps.

Mirror Link & Super Link

Connect your smartphone to the CarPlay's Wi-Fi to easily use AirPlay and Super Link. Your phone screen will sync with the 8-inch 1440x900 HD display for a larger, clearer viewing experience. The unique Super Link feature allows you to control content directly from the touchscreen, enabling you to turn off your phone screen or return to its home screen for other tasks. Enjoy online videos, play media, and AirDrop photos from your phone on the CarPlay screen.
Note: In iOS mode, control is limited to the phone itself.

Landscape & Portrait Screen Modes

The device supports seamless switching between landscape and portrait modes. Rotate the CarPlay display to portrait mode for convenient short video viewing and split-screen multitasking. Effortlessly switch back to landscape mode for movies or to extend the real-time map, providing a clearer view of details and enhancing your navigation experience. This versatile functionality meets all your multimedia needs.

Multiple Mounting Options

Set it up based on car's unique needs and position it wherever you prefer



Suction Cup Bracket



Windshield Suction Cup Mount



Magnetic Mount

Suction Cup Bracket



Magnetic Mount

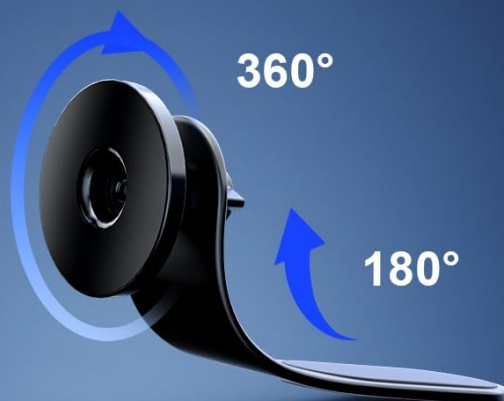


Image: The car stereo screen shown in both portrait and landscape orientations, demonstrating its adaptability for different viewing preferences and applications, such as navigation in landscape and video in portrait.

Audio Output Options

The Avylet system offers four versatile ways to output audio:

- **Built-in Speaker:** Audio can be played directly through the integrated speaker.
- **Bluetooth Streaming:** When connected to Apple CarPlay or Android Auto, wirelessly stream audio to your car's speakers via Bluetooth for enhanced volume and clarity.
- **FM Frequency:** Transmit audio to your car's speakers by setting the device to an unused FM frequency and tuning your car radio to the same frequency.
- **AUX Cable:** For a powerful and lossless audio experience, connect the included AUX cable to your car's AUX input jack.

Portrait and Landscape Screen Modes

Supports horizontal and vertical screen switching with multiple installation options, overcoming the limitations of other devices that only offer landscape mode, thereby minimizing obstructions to view and conserving space.

8"

IPS Touchscreen

1440*900

Resolution

550

Nits Brightness

Free Customised Boot Logo



Image: A visual guide demonstrating the four ways to output audio from the device: through its built-in speaker, streaming via Bluetooth to car speakers, streaming via FM Sync, and connecting directly via an AUX cable.

Maintenance

OTA (Over-the-Air) Upgrade

The Avylet CarPlay screen supports OTA updates. Regular firmware updates keep your software current, introducing new features, improving existing ones, and boosting performance. To upgrade your system, simply enter "super link mode" and follow the on-screen instructions.

OTA Upgrade

Regular firmware upgrades keep your software up-to-date and improves the user experience by adding new features and refining existing ones



Super Link



Video Sync



Version Updated



Image: A conceptual image illustrating the OTA (Over-the-Air) upgrade process, showing a cloud icon with a download arrow over a circuit board, symbolizing wireless software updates for the device.

Troubleshooting

- **Connection Issues:** If you experience difficulties connecting your smartphone or other devices, please refer to the FAQ section in the full manual (if available). If the issue persists, contact customer support.
- **Rear Camera Cable Length:** The standard rear camera cable is 24.5ft. If this is not long enough for your vehicle, please contact Avylet customer support for a free extension cable.

Specifications

Feature	Detail
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Brand	Avylet
Model Name	RC04
Orientation	Front
Vehicle Service Type	Cars, SUVs, Pickup Trucks, Trucks
Connectivity Technology	Bluetooth 5.0 / AUX / Wi-Fi / FM
Special Features	Landscape and Portrait Screen Modes; OTA Upgrade; Magnetic Mount & Suction Cup Mount; Boot Logo Customisation; Real-time GPS Navigation & Smart Voice Control
Video Capture Resolution	1080p (for rear camera)
Included Components	Magnetic Mount; Magnetic Gasket; Suction Cup Mount; Adhesive Gasket; Car Charger (11.5ft); AUX Audio Cable (5ft); Wire Clips (x4); Installation Accessories; User Manual; Rear Camera Cable (24.5ft); Rear Camera Adhesive (x2); Rear Camera Screws (x4); 8" Portable Car Screen
Mounting Type	Magnetic Mount & Suction Cup Mount
Color	Black
Screen Resolution	1440x900
Brightness	550 nits
PPI Density	200 PPI
Aspect Ratio	16:10
Contrast Ratio	1000:1

Warranty and Support

For any inquiries, technical support, or to learn more about custom boot logo services, please contact Avylet customer support at service@avylet.com. Please include your product model (RC04) and a detailed description of your issue or request.