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Avylet C304

Avylet C304 Car Stereo User Manual

Model: C304 | Brand: Avylet

Introduction

Thank you for choosing the Avylet C304 Car Stereo. This manual provides detailed instructions for the installation, operation, and maintenance of your new car radio. Please read this manual thoroughly before using the product to ensure proper function and to prevent damage.

The Avylet C304 is a versatile car MP3 player featuring Bluetooth 5.0, FM/AM/RDS radio, USB, SD card, and AUX input capabilities, designed to enhance your in-car audio experience with clear sound and convenient controls.

Safety Information

- Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.
- Ensure proper wiring and installation to prevent short circuits or electrical hazards. If unsure, consult a professional.
- Do not expose the unit to extreme temperatures, direct sunlight, or excessive moisture.
- Avoid disassembling or modifying the unit. This may void the warranty and pose safety risks.
- Keep the volume at a level that allows you to hear external traffic sounds.

Package Contents

Verify that all items are present in the package:

- 1 x Car Stereo
- 1 x Remote Control (With batteries)
- 2 x Connection Cables
- 2 x Disassembly Keys
- 1 x User Manual



Image: Avylet C304 Car Stereo with its remote control, connection cables, and disassembly keys, all neatly arranged next to the product box.

Product Overview

Familiarize yourself with the main components and controls of the Avylet C304 Car Stereo.



Image: Front panel of the Avylet C304 Car Stereo, highlighting the power button, mode button, volume knob, AUX input, USB ports, SD card slot, and LCD display showing radio frequency.

Front Panel Controls:

- **POWER Button:** Turns the unit on/off.
- **MODE Button:** Switches between Radio, Bluetooth, USB, SD, and AUX modes.
- **Volume Knob:** Rotates to adjust volume; press to access settings (Bass, Treble, Balance, Fader, EQ, Loud, Clock, Color).
- **AUX IN Port:** 3.5mm jack for external audio devices.
- **USB Ports:** One for charging (left), one for USB drive playback (right).
- **SD Card Slot:** For playing music from an SD card.
- **BAND/AMS Button:** Selects radio bands (FM1, FM2, FM3, AM1, AM2) and performs automatic memory scan.
- **Tuning/Track Buttons (<< / >>):** Short press for previous/next track or station; long press for fast forward/rewind or auto-scan.
- **Numeric Preset Buttons (1-6):** Store and recall radio stations.
- **LCD Display:** Shows time, radio frequency, track information, and mode.

Setup

Installation

Before installation, ensure your vehicle's battery is disconnected to prevent short circuits. This unit is designed for 12V DC negative ground systems.

1. Insert the mounting sleeve into the dashboard opening. Bend the tabs outwards to secure it.

2. Connect the wiring harness according to the wiring diagram.
3. Slide the car stereo into the mounting sleeve until it clicks into place.
4. Reconnect the vehicle's battery.

Wiring Diagram

Refer to the following diagram for correct wiring connections. Incorrect wiring can damage the unit or your vehicle's electrical system.

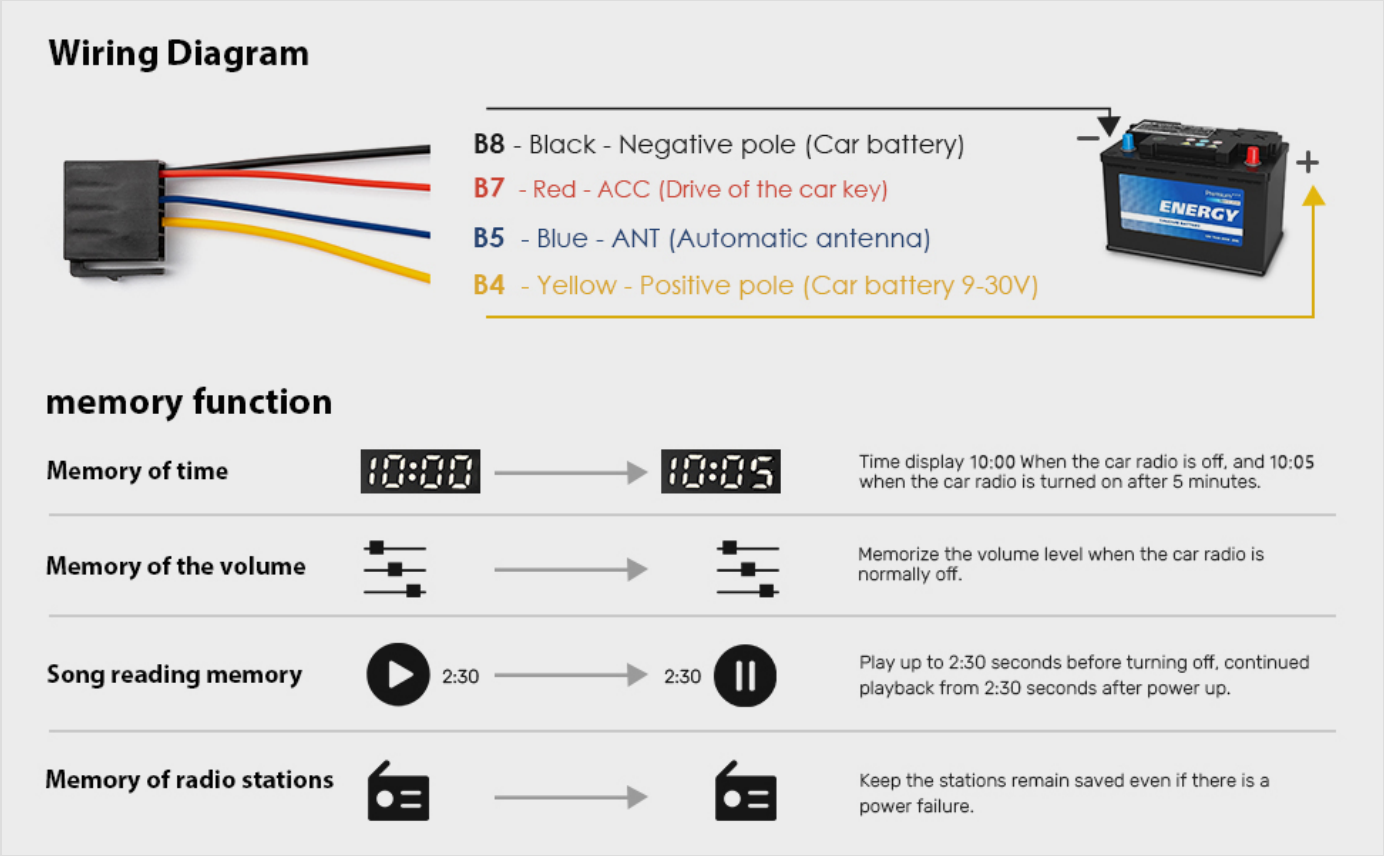


Image: Comprehensive wiring diagram for the Avylet C304, illustrating connections for speaker outputs (A1-A8), power (B4-B8), antenna, and battery, along with a visual explanation of the memory function for time, volume, song playback, and radio stations.

- **B8 - Black:** Negative pole (Car battery)
- **B7 - Red:** ACC (Ignition switch, 12V when key is on)
- **B5 - Blue:** ANT (Automatic antenna control)
- **B4 - Yellow:** Positive pole (Car battery 9-30V, constant power for memory)
- **Speaker Wires (A1-A8):** Connect to corresponding vehicle speakers. Ensure correct polarity.

Note: For memory retention (time, radio stations), both the Red (ACC) and Yellow (Constant Power) wires must be correctly connected to their respective power sources.

Operating Instructions

Basic Operation

- **Power On/Off:** Press the **POWER** button.
- **Volume Adjustment:** Rotate the **Volume Knob** clockwise to increase, counter-clockwise to decrease.
- **Mode Selection:** Press the **MODE** button repeatedly to cycle through Radio (FM/AM), Bluetooth, USB, SD, and AUX modes.

Radio Operation (FM/AM/RDS)



Image: The Avylet C304 car stereo showing its FM radio function, with an antenna graphic indicating signal reception and the display showing "F1 87.5". Text highlights FM/AM/RDS function and storage for up to 30 stations.

- **Band Selection:** Press the **BAND/AMS** button to switch between FM1, FM2, FM3, AM1, and AM2 bands.
- **Manual Tuning:** Short press the **Tuning buttons (<< / >>)** to adjust the frequency step by step.
- **Automatic Search:** Long press the **Tuning buttons (<< / >>)** to automatically search for the next strong station.
- **Store Presets:** Tune to your desired station, then long press one of the **Numeric Preset buttons (1-6)** until you hear a beep. The station is now saved.
- **Recall Presets:** Short press the **Numeric Preset buttons (1-6)** to recall a saved station.
- **Automatic Memory Store (AMS):** Long press the **BAND/AMS** button to automatically scan and store the strongest stations into the current band's presets.
- **RDS Function:** The RDS (Radio Data System) feature allows the radio to display station names and other information where available.

Bluetooth Operation



Image: A driver's perspective showing a smartphone mounted on the dashboard, displaying an incoming call, with the Avylet C304 car stereo visible below. This illustrates the Bluetooth 5.0 hands-free calling and music playback feature.

1. **Pairing:**
    - Ensure the car stereo is in Bluetooth mode (press **MODE** until "BT" or "Bluetooth" appears).
    - On your mobile device, enable Bluetooth and search for available devices.
    - Select "CAR BT" from the list of devices. No password is typically required.
    - Once paired, the display will show "CONNECTED" or similar.
2. **Hands-Free Calling:**
    - When a call comes in, press the **Volume Knob** (or the green call button on the remote) to answer.
    - Press the **Volume Knob** (or the red call button on the remote) again to end the call.
    - Use the built-in microphone for conversations.
3. **Audio Streaming:**

- Once paired, you can play music from your mobile device through the car stereo.
- Use the **Tuning buttons (<< / >>)** to skip tracks.

USB/SD/AUX Operation



Image: The Avylet C304 car stereo highlighting its two USB slots (one for charging, one for playback), SD card slot, and AUX-in port. Illustrations show a smartphone charging via USB, a memory card, and a USB drive.

- **USB Playback:** Insert a USB drive into the right USB port. The unit will automatically switch to USB mode and begin playback of supported audio files (MP3/WMA/WAV/FLAC).
- **SD Card Playback:** Insert an SD card into the SD card slot. The unit will automatically switch to SD mode and begin playback of supported audio files.
- **AUX Input:** Connect an external audio device (e.g., smartphone, MP3 player) to the 3.5mm AUX IN port using an audio cable. Press **MODE** to select AUX mode.
- **USB Charging:** The left USB port is primarily for charging mobile devices.

Display and Backlight Settings



Image: A hand adjusting the volume knob on the Avylet C304 car stereo, with an overlay showing the seven available backlight colors (Auto, Red, Green, Blue, Yellow, Purple, Cyan, White) that can be chosen for the buttons and display.

- **Changing Backlight Color:** Press the **Volume Knob** to enter the settings menu. Rotate the knob to navigate to the "COLOR" option. Press the knob to select, then rotate to choose from 7 available colors or "AUTO" mode for cycling colors. Press again to confirm.

Clock Setting



Image: The Avylet C304 car stereo displaying the time "10:01" on its LCD screen, emphasizing its independent clock display feature. Product dimensions (180mm, 50mm, 98mm, 186mm, 57mm) are overlaid on the image.

- **Setting Time:** Press the **Volume Knob** to enter the settings menu. Rotate the knob to navigate to the "TIME" or "CLOCK" option. Press the knob to select. Use the **Tuning buttons (<< / >>)** to adjust hours and minutes, and the **Volume Knob** to move between hour/minute settings. Press again to confirm and exit.

Audio Settings

- **Accessing Audio Settings:** Press the **Volume Knob** to enter the audio settings menu.
- **Adjusting Settings:** Rotate the **Volume Knob** to cycle through options like BASS, TREBLE, BALANCE (L/R), FADER (F/R), EQ (Equalizer presets: POP, ROCK, JAZZ, CLASS, OFF), and LOUD (Loudness on/off). Press the knob to select an option, then rotate to adjust its value. Press again to confirm.

Maintenance

- Clean the unit's front panel with a soft, dry cloth. Do not use abrasive cleaners or solvents.

- Keep the USB and SD card slots free from dust and debris.
- Ensure proper ventilation around the unit to prevent overheating.

Troubleshooting

Problem	Possible Cause	Solution
No power	Incorrect wiring; blown fuse; vehicle battery issue.	Check power and ground connections (Yellow and Red wires). Check vehicle fuse box and the unit's fuse. Ensure battery is charged.
No sound	Speaker wires disconnected; volume too low; incorrect mode.	Check speaker connections. Increase volume. Ensure correct input mode (Radio, BT, USB, AUX).
Radio reception is poor	Antenna not connected; weak signal area; interference.	Ensure antenna is properly connected. Try a different location. Check for external interference sources.
Bluetooth not connecting	Unit not in BT mode; device not discoverable; already paired with another device.	Switch to BT mode. Make sure your phone's Bluetooth is on and discoverable. Forget "CAR BT" on your phone and re-pair.
Memory loss (time, presets)	Yellow (constant power) wire not connected or incorrectly wired.	Ensure the Yellow wire is connected to a constant 12V power source from the car battery.
USB/SD not playing	Unsupported file format; corrupted files; incompatible device.	Ensure files are MP3/WMA/WAV/FLAC. Try a different USB drive/SD card. Check if the device is formatted correctly (FAT32 recommended).

Specifications

Feature	Detail
Model Number	C304
Power Output	4 x 60W (Max)
Connectivity	Bluetooth 5.0, Auxiliary (3.5mm), USB, SD Card
Radio Frequencies	FM / AM / RDS
Supported Audio Formats	MP3, WMA, WAV, FLAC
Display	LCD with 7-Color Backlight
Compatible Devices	Smartphone (iOS, Android)
Product Dimensions	18.8 x 11.5 x 5.8 cm
Weight	470 g
Power Supply	DC 12V
Remote Control Battery	1 Lithium Metal battery (included)

Warranty and Support

Avylet products are designed and manufactured to the highest quality standards. For warranty information or technical support, please contact Avylet customer service.

Manufacturer: Avylet

Email: service@avylet.com

Please retain your proof of purchase for any warranty claims.

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

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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