

AINAVI 4G Ram+64G Rom

AINAVI 13.5" Android 13 Car TV Headrest Monitor User Manual

Model: 4G Ram+64G Rom

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AINAVI 13.5" Android 13 Car TV Headrest Monitor. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

2. SAFETY INFORMATION

- Do not attempt to disassemble or modify the device.
- Ensure all cables are securely connected to prevent disconnections during vehicle movement.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or moisture.
- Clean the screen with a soft, dry cloth. Do not use liquid cleaners.
- Operate the device only within the specified voltage range (12V DC for car use).

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 13.5 Inch Headrest Monitor x 1
- Universal Mounting Bracket x 1
- 12V DC Adapter x 1 (for home use)
- Cigarette Lighter Power Cable x 1 (for car use)
- HDMI Cable x 1
- User Manual x 1



Headrest Monitor



Mounting Brackets



DC adapter cable
(when use at home)



12V cigarette lighter
cable



HDMI cable



Product manual

Figure 3.1: Included accessories and the headrest monitor.

4. PRODUCT OVERVIEW AND FEATURES

The AINAVI 13.5" Android 13 Car TV Headrest Monitor is designed to provide a comprehensive entertainment experience for rear-seat passengers. Key features include:

- **Operating System:** Android 13 with Cortex A55 CPU.
- **Display:** 13.5-inch 1920x1080 touchscreen, supporting 4K video playback.
- **Memory:** 4GB RAM + 64GB ROM.
- **Connectivity:** 5G/2.4 GHz WiFi, Bluetooth, Phone Mirroring (Happycast, iOS AirPlay, Android Miracast).
- **Ports:** SD card slot, USB port, HDMI input, HDMI output, Audio Out.
- **Audio:** Built-in dual speakers, FM transmitter, 3.5mm headphone jack.
- **Customization:** Customizable wallpaper, 7-color ambient LED lights.
- **App Support:** Google Play Store certified for safe app installation (e.g., YouTube, Netflix, Disney+, HBO, TikTok).

13.5"

Car Rear Entertainment System

4K

FULLHD

video playback

1920*1080

Screen Resolution



Android 13 System

4G+64G





Customize wallpaper

Built-in multiple sets of UI themes, you can choose to switch.



5G WIFI

Supports 802.11n/ 5G + 2.4GHz



screen mirror connection





Built-in dual speakers



Colorful LED Lights

HDMI

Bluetooth

Google Play Protect

Figure 4.1: Key features of the headrest monitor.



Figure 4.2: Device ports and compatible external devices.

5. SETUP

5.1 Mounting the Monitor

The universal mounting bracket is designed for easy installation on most car headrest poles. It supports round headrest poles with a diameter between 130-200 mm. Square poles or headrests without poles are not compatible.

1. Adjust the universal mounting bracket to fit the distance between your headrest poles.
2. Securely attach the bracket to the headrest poles.
3. Slide the monitor onto the bracket until it clicks into place.



Figure 5.1: Headrest mounting bracket installation.



Supports more than 98% car installation
(supports round stainless steel poles only)



Round pole
Round bar fits between
130-200 mm



**Square Pole
or No rod
do not fit**

Figure 5.2: Headrest pole compatibility guide.

5.2 Power Connection

The monitor supports multiple power supply methods:

- **In-Car Use:** Connect the Cigarette Lighter Power Cable to your vehicle's 12V cigarette lighter socket and the monitor's DC 12V input.
- **Home Use:** Connect the 12V DC Adapter to a standard wall outlet and the monitor's DC 12V input.



Figure 5.3: Power connection options for car and home use.

5.3 Initial Power On and Wi-Fi Setup

1. After connecting power, press the ON/OFF button to power on the device.
2. Follow the on-screen prompts for initial setup.
3. Navigate to *Settings > Network & Internet > Wi-Fi*.
4. Select your desired Wi-Fi network and enter the password to connect.

6. OPERATING INSTRUCTIONS

6.1 Basic Navigation

The monitor features a responsive touchscreen. Swipe to navigate between screens, tap to select icons, and use pinch-to-zoom gestures where applicable.

6.2 App Installation and Usage

The device is Google Play Protect certified, allowing safe installation of applications from the Google Play Store. You can download streaming services, games, and social media apps.

1. Ensure the monitor is connected to Wi-Fi.
2. Open the *Google Play Store* app from the home screen.
3. Search for your desired app and select *Install*.
4. Once installed, the app icon will appear on your home screen or app drawer.

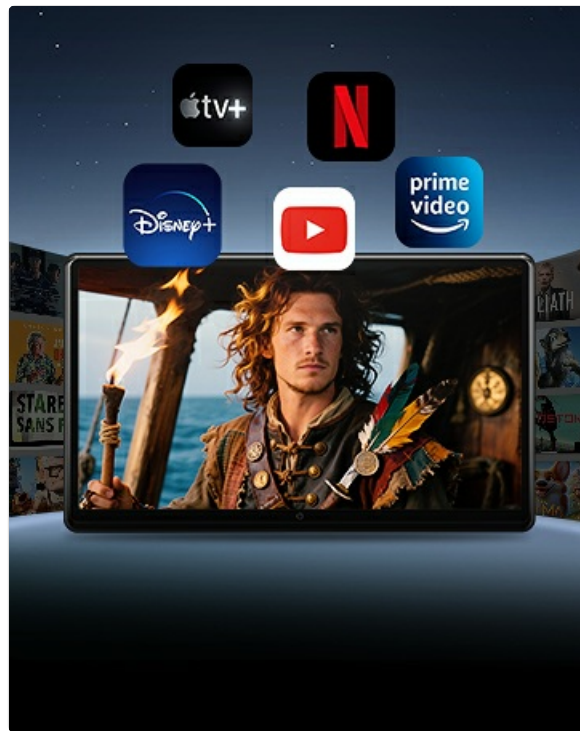


Figure 6.1: Available streaming and entertainment applications.

6.3 Media Playback

The monitor supports various media formats via USB, SD card, and streaming services.

- **USB/SD Card:** Insert a USB drive into the USB port or an SD card into the SD card slot. The device will detect the media, and you can use a file manager app to browse and play content. Supported formats include MP4, MPG, AVI, MKV, MOV, 3GP, MP3, WAV, FLAC, AAC, OGG, OGA.
- **Streaming:** Use installed apps like Netflix, YouTube, Disney+, etc., to stream content over Wi-Fi.

6.4 Screen Mirroring (Phone Link)

Mirror your smartphone screen to the monitor using Happycast, iOS AirPlay, or Android Miracast.

1. Ensure both your phone and the monitor are connected to the same Wi-Fi network.
2. On the monitor, open the screen mirroring application (e.g., Happycast).
3. On your phone, activate screen mirroring (e.g., AirPlay for iOS, Smart View/Cast for Android) and select the monitor from the list of available devices.

You can also use the MyCar Link app on your phone to control the monitor remotely.

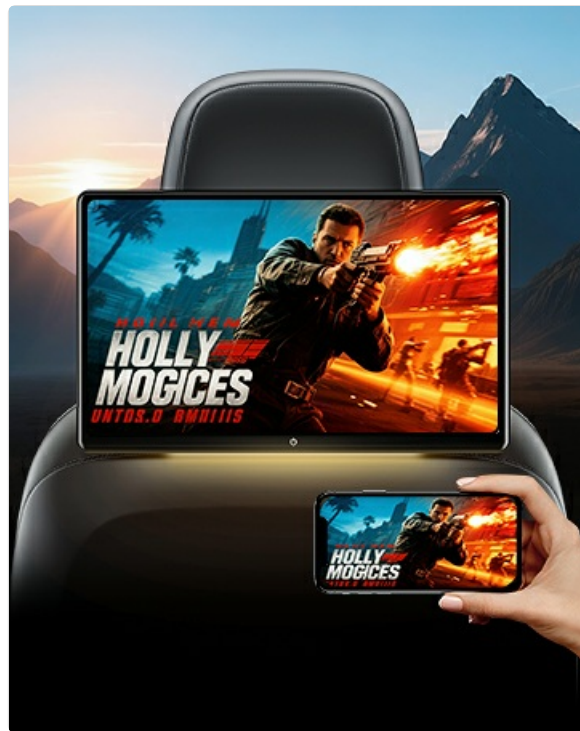


Figure 6.2: Phone screen mirroring in action.

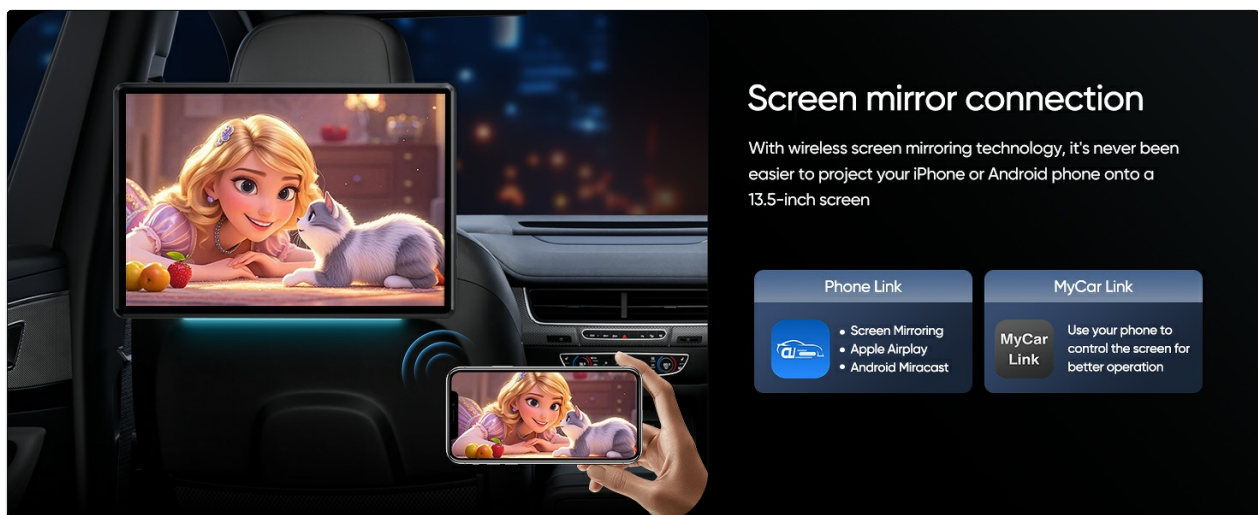


Figure 6.3: Screen mirroring options and MyCar Link app.

6.5 HDMI Input and Output

The monitor features both HDMI input and output ports, allowing for versatile connectivity.

- **HDMI Input:** Connect external devices such as gaming consoles (PS4, PS5, Xbox), TV boxes, or PCs to the monitor using an HDMI cable to use it as a display.
- **HDMI Output:** Connect two AINAVI monitors via HDMI cable to sync and play the same content simultaneously.



Figure 6.4: Using HDMI output to connect to an external display.

6.6 Audio Output Options

You have several options for audio output:

- **Built-in Speakers:** The monitor has integrated speakers for direct audio playback.
- **FM Transmitter:** Transmit audio to your car's speakers by tuning both the monitor's FM transmitter and your car radio to the same FM frequency.
- **Bluetooth:** Connect Bluetooth headphones or a Bluetooth speaker/subwoofer for wireless audio.
- **Wired Headphones:** Use the 3.5mm audio out port to connect wired headphones.

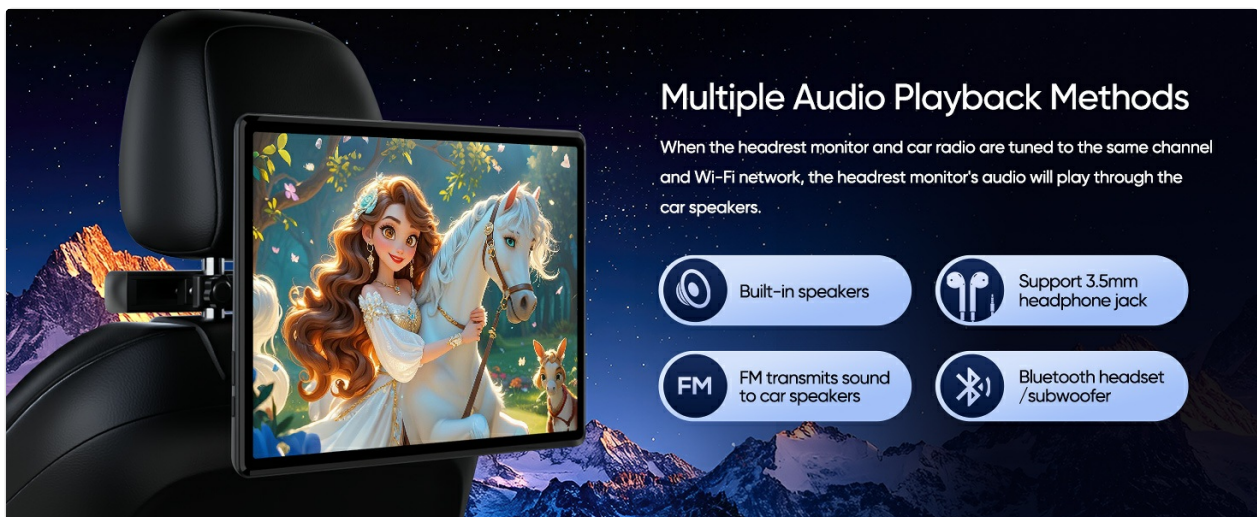


Figure 6.5: Various audio output methods.

6.7 Customization

- **Wallpaper:** Customize the device wallpaper through the settings menu to personalize your experience.
- **Ambient Lights:** The monitor features 7-color ambient LED lights. These can be set to switch automatically or manually selected via the settings.



Supports more than 98% car installation
(supports round stainless steel poles only)



Round pole
Round bar fits between
130-200 mm



**Square Pole
or No rod
do not fit**

Figure 6.6: Customizable wallpaper and themes.

7. MAINTENANCE

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and exterior. Do not use abrasive cleaners or solvents.
- **Software Updates (OTA):** The device supports Over-The-Air (OTA) system updates. Ensure the device is connected to Wi-Fi to receive and install updates for optimal performance and app compatibility.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	No power connection or faulty cable.	Check power cable connection to the device and power source. Ensure the power source is active.
Cannot connect to Wi-Fi.	Incorrect password, out of range, or network issue.	Verify Wi-Fi password. Move closer to the Wi-Fi source. Restart your router and the monitor.

Problem	Possible Cause	Solution
Screen mirroring not working.	Devices not on the same Wi-Fi network, or mirroring feature not activated.	Ensure both phone and monitor are on the same Wi-Fi. Activate mirroring on both devices.
No sound from car speakers via FM.	Incorrect FM frequency or car radio not tuned.	Ensure the monitor's FM transmitter and car radio are set to the exact same, clear frequency.
Apps are slow or crashing.	Too many apps running, low storage, or outdated software.	Close unused apps. Clear cache/data for problematic apps. Check for and install OTA updates.

9. SPECIFICATIONS

Feature	Detail
Brand	AINAVI
Model Number	4G Ram+64G Rom
Operating System	Android 13
Screen Size	13.5 Inches
Display Type	LED Touchscreen
Resolution	1920x1080
RAM	4GB
ROM	64GB
Connectivity	5G/2.4GHz WiFi, Bluetooth
Media Support	SD Card, USB
Video Formats	MP4, MPG, AVI, MKV, MOV, 3GP (and others)
Audio Formats	MP3, WAV, FLAC, AAC, OGG, OGA (and others)
Ports	USB, SD, HDMI In, HDMI Out, Audio Out, DC 12V
Power Input	DC 12V (Car), AC Adapter (Home)
Color	Black
Item Weight	4.49 pounds
Package Dimensions	10.5 x 10.2 x 10 inches



Figure 9.1: AINAVI 13.5" Android 13 Car TV Headrest Monitor.



Your child's best companion for long-distance travel !



Use TV at home.


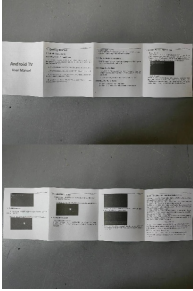


Figure 9.2: Monitor usage in car and at home.

10. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the documentation included with your purchase or contact AINAVI customer support.

For technical assistance, troubleshooting, or further inquiries, please visit the official AINAVI website or contact their customer service department. Contact information can typically be found on the product packaging or the brand's official online presence.

© 2025 AINAVI. All rights reserved.
This manual is subject to change without notice.

	<p>Ainavi Universal Installation Guide for Renault Clio 3 Car Radio</p> <p>Step-by-step installation guide for the Ainavi aftermarket car radio system in a Renault Clio 3. Includes wiring instructions, component identification, and dashboard connection details for Wireless CarPlay and Android Auto multimedia players.</p>
	<p>BLKJ Q12 Mini TV Stick User Manual - Android 14 Smart TV Box</p> <p>User manual for the BLKJ Q12 Mini TV Stick, featuring Android 14, Allwinner H313 processor, 4GB/8GB RAM, 64GB/128GB ROM, and dual-band Wi-Fi for a seamless global streaming experience.</p>
<p>Android TV User Manual</p>	<p>Android TV Box User Manual - Setup, Features, and Specifications</p> <p>Comprehensive user manual for the Android TV Box, covering setup, basic operations, Wi-Fi/Ethernet connectivity, app management, screen casting, factory reset, and technical specifications.</p>
<p>USER MANUAL DIGITAL PLAYER</p>	<p>SWOFY D26 Digital Player User Manual</p> <p>Comprehensive user manual for the SWOFY D26 Digital Player, covering features, operations, settings, specifications, and warnings. Learn how to use your portable media device.</p>
<p><i>Android TV Box</i></p> <p>User Manual</p>  <p>Stream, Watch, Enjoy – Effortlessly</p>	<p>LEFFOT H313 Android TV Box User Manual</p> <p>Comprehensive user manual for the LEFFOT H313 Android TV Box, covering product introduction, features, hardware structure, remote control operation, setup, app management, troubleshooting, safety instructions, and specifications. Learn how to connect, configure, and use your Android TV Box for an enhanced entertainment experience.</p>
	<p>TV Stick Product Manual: Setup and Bluetooth Remote Pairing</p> <p>A concise guide to setting up your TV stick, including connecting HDMI, power, and pairing the Bluetooth remote. Learn how to initiate the pairing process for seamless operation.</p>

