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› XTRONS 13.3 Inch Android Car Headrest Monitor HM136ABD User Manual

XTRONS HM136ABD

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1. INTRODUCTION

The XTRONS 13.3 Inch Android Car Headrest Monitor HM136ABD provides a comprehensive in-car entertainment solution. Featuring a 13.3-inch Full HD IPS touch screen with 1920x1080 resolution, it supports 4K video decoding and full audio playback. The device operates on the latest Android OS with 2GB RAM and 32GB ROM, enabling Wi-Fi (2.4G/5GHz) and hotspot connectivity for downloading popular streaming applications.

Key functionalities include screen mirroring (AirPlay), phone control via the AutoCast app, and extensive connectivity options such as Micro HDMI, USB, and RCA inputs. Users can personalize their experience with multiple UI themes and choose from various audio output methods, including built-in speakers, vehicle speakers (via FM transmit), Bluetooth, or wired earphones.

2. WHAT'S IN THE BOX

- 2 x ISO Wiring Harness
- 2 x Mounting Base
- 2 x Extension Cable
- 2 x 0.2M USB Type-C to USB Adapter
- 2 x 1.5M Micro HDMI Adapter Cable
- 2 x Cigarette Lighter Cable
- 1 x HDMI Micro Cables
- 1 x Cigarette Lighter Splitter
- 10 x Plastic Drivepipes
- 2 x User Manual

3. PRODUCT OVERVIEW



Figure 1: The 13.3-inch Full HD IPS touch screen display, highlighting its 1920x1080 resolution, G+G touch technology, IPS viewing angles, and ultra-thin design.



Figure 2: Overview of the Android operating system, showcasing pre-installed and downloadable streaming applications like Netflix, YouTube, Disney+, Amazon Music, and Spotify, powered by 2GB RAM and 32GB ROM.

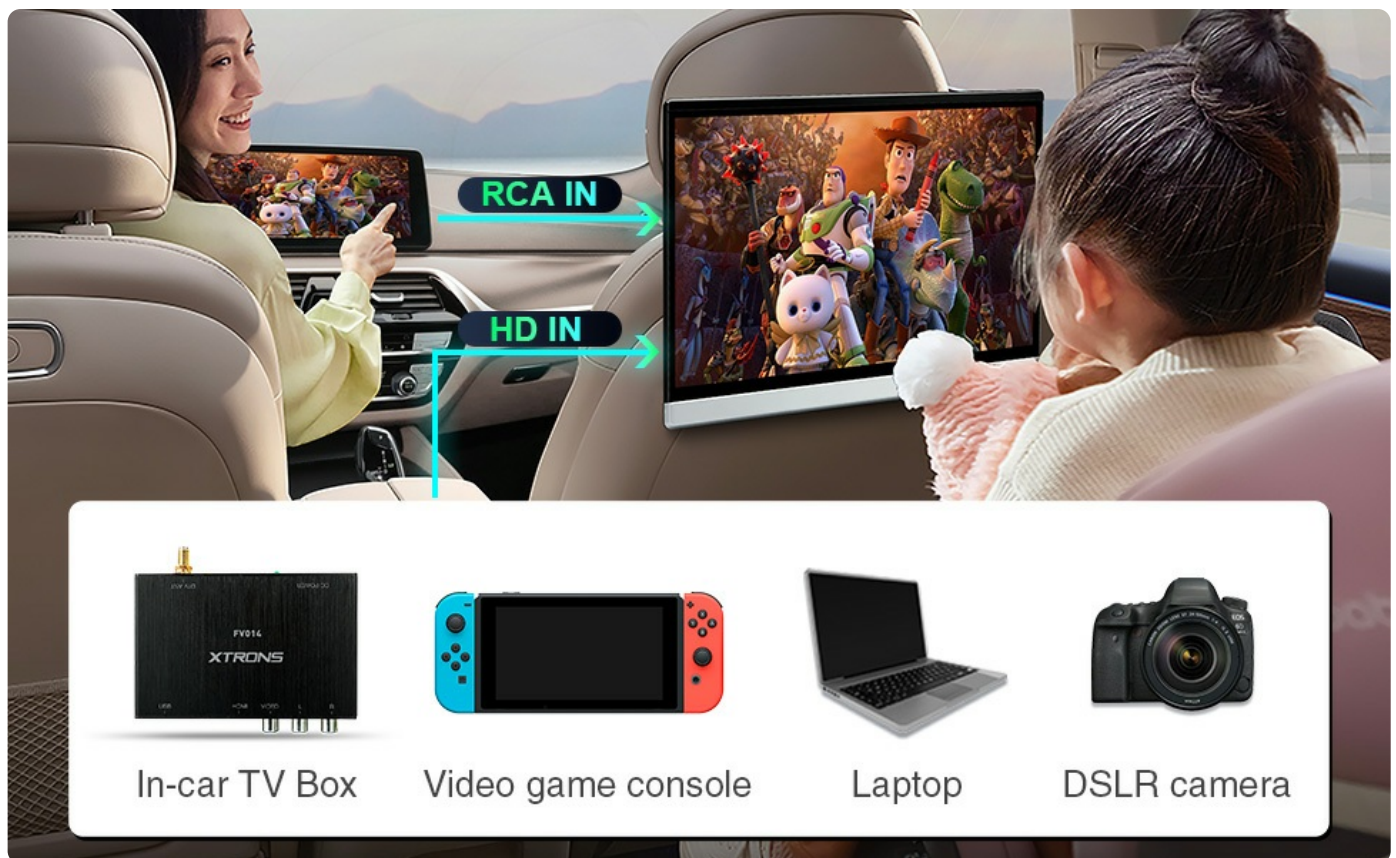


Figure 3: Demonstrates wireless screen mirroring capabilities (AirPlay for iOS, Screen Mirroring for Android) and mutual control functionality between a smartphone and the headrest monitor via the AutoCast app.



Figure 4: Detailed view of the monitor's side ports, including RESET, USB Type-C, Micro HD IN, 3.5mm AUDIO OUT, TF/Micro SD Slot, and DC 12V. Also shows RCA Audio & Video Input/Output options.

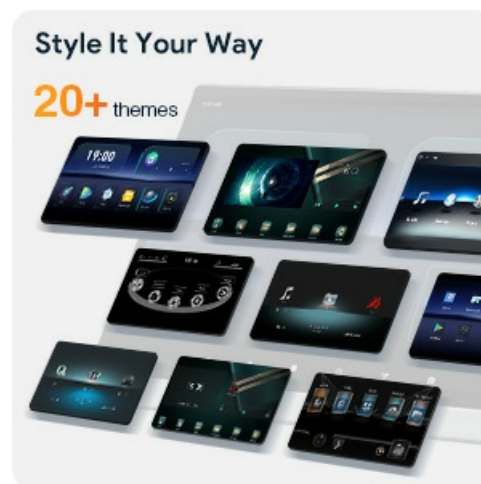


Figure 5: Illustrates the variety of over 20 customizable UI themes available to personalize the user interface of the headrest monitor.



Figure 6: Highlights the flexible audio options, including built-in speakers, FM transmission to car radio, Bluetooth connection for headphones, and a 3.5mm headset jack.

4. SETUP & INSTALLATION

4.1 Mounting the Monitor

1. Identify the headrest poles in your vehicle. Ensure they are round poles with a maximum diameter of 0.59 inches (15mm). The adjustable bracket distance is 4.33-7.48 inches (110-190mm).
2. Select the appropriate plastic drivepipes from the accessories kit that fit your headrest poles.
3. Insert the drivepipes into the mounting base.
4. Attach the mounting base onto the two headrest poles and secure it firmly with the provided screws.
5. Insert the mounting bracket into the box on the back of the monitor.
6. Slide the monitor with the attached bracket onto the mounting base until it locks into place.
7. Adjust the monitor's distance and viewing angles as needed.

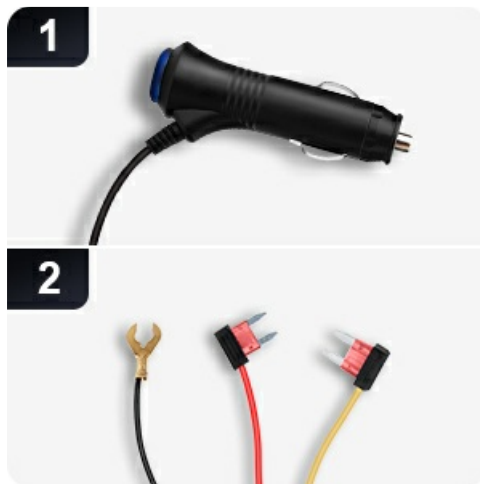


Figure 7: Visual guide for installing the headrest monitor, showing the steps from attaching drivepipes to securing the monitor and adjusting its angle.

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Video 1: General installation guide for a car headrest monitor. Note: Specific product features and accessories may vary from the video demonstration.

4.2 Power Connection

Connect the monitor to a power source using either the provided cigarette lighter cable or the ISO wiring harness for a more integrated installation. Ensure the connection is secure before powering on the device.

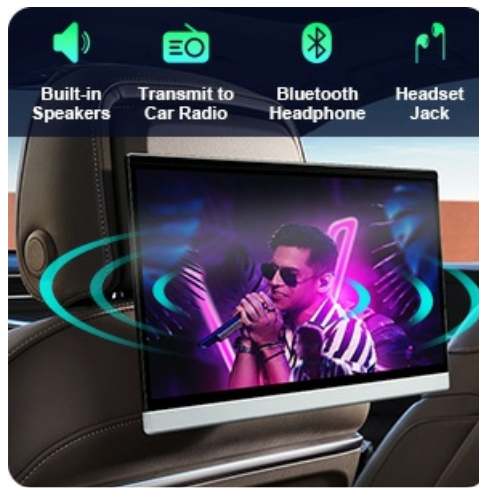


Figure 8: Shows two methods for connecting power: using the cigarette lighter cable (1) or the ISO wiring harness (2) for direct vehicle power integration.

4.3 Initial Setup

1. Power on the monitor by pressing and holding the power button.
2. Navigate to the 'Settings' menu on the touch screen.
3. Select 'Wi-Fi' and connect to an available Wi-Fi network or your smartphone's mobile hotspot.
4. Log in to your Google account via the Play Store to download and update applications.

5. OPERATING INSTRUCTIONS

5.1 Wi-Fi and Bluetooth Connectivity

Access the 'Settings' menu to enable and configure Wi-Fi (2.4G/5GHz) for internet access and app downloads. Use the 'Bluetooth' option to pair with compatible Bluetooth headphones or other audio devices.

5.2 App Usage

The monitor comes with pre-installed apps like Netflix, YouTube, and Disney+. You can download additional applications from the Google Play Store once connected to Wi-Fi.

5.3 Screen Mirroring / Phone Control

Utilize AirPlay for iOS devices or the built-in screen mirroring function for Android to display your smartphone's content on the monitor. The AutoCast app allows for mutual control between your phone and the monitor, providing convenient management from the driver's seat.

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Video 2: Demonstrates how to control the XTRONS Android Headrest Monitor using an Android or iOS device, highlighting the screen mirroring and remote control features.

5.4 HDMI/RCA Input

Connect external devices such as game consoles, laptops, or DSLR cameras using the Micro HDMI or RCA input ports to share media with passengers.

5.5 Audio Output Options

Choose your preferred audio output: directly from the monitor's built-in speakers, transmit audio to your vehicle's speakers via FM radio, connect wireless Bluetooth headphones, or use wired earphones with the 3.5mm jack.

5.6 UI Customization

Explore the 'Settings' menu to select from over 20 built-in UI themes to customize the monitor's appearance according to your preference.

6. SPECIFICATIONS

Feature	Detail
Screen Size	13.3 Inches
Display Type	IPS Touch Screen (G+G Technology)
Resolution	1920x1080 (Full HD), supports 4K video decoding
Operating System	Android OS
RAM	2GB
ROM	32GB
Connectivity	Wi-Fi (2.4G/5GHz), Bluetooth, Micro HDMI, USB, RCA In
Audio Output	Built-in Speaker, FM Transmit, Bluetooth, 3.5mm Jack
Mounting Compatibility	Universal fit for most car seats with round poles (Max pole diameter: 0.59in/15mm)
Product Dimensions	13.3 x 13.3 x 13.3 inches
Item Weight	12.47 pounds

7. TROUBLESHOOTING

7.1 No Power

- Ensure the power cable is securely connected to the monitor and the vehicle's power source.
- Check the vehicle's fuse for the cigarette lighter socket or the circuit connected to the ISO wiring harness.
- Press and hold the power button for a few seconds to ensure it's fully powered on.

7.2 No Sound

- Verify the monitor's volume settings are not muted or set too low.
- If using FM transmit, ensure the vehicle's radio is tuned to the correct frequency and the volume is up.
- If using Bluetooth, check that headphones are properly paired and connected.
- If using wired earphones, ensure they are fully plugged into the 3.5mm jack.

7.3 Wi-Fi Connectivity Issues

- Ensure the Wi-Fi function is enabled in the monitor's settings.
- Check that the Wi-Fi network or mobile hotspot is active and within range.
- Verify the Wi-Fi password is entered correctly.
- Try restarting both the monitor and the Wi-Fi source.

7.4 Screen Mirroring Problems

- Ensure both the monitor and your smartphone are connected to the same Wi-Fi network or hotspot.

- For iOS, activate AirPlay from your device's control center. For Android, use the screen mirroring function or the AutoCast app.
- Update the AutoCast app on your smartphone to the latest version.

8. MAINTENANCE

To ensure the longevity and optimal performance of your XTRONS headrest monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-cleaning solution. Avoid harsh chemicals or abrasive materials.
- **General Cleaning:** Wipe the exterior of the monitor and mounting bracket with a soft, dry cloth.
- **Avoid Extreme Temperatures:** Do not expose the monitor to direct sunlight for extended periods or extreme cold, as this can affect performance and lifespan.
- **Secure Connections:** Periodically check all cable connections (power, HDMI, USB) to ensure they are secure and free from damage.
- **Software Updates:** Check for available software updates through the monitor's settings to ensure you have the latest features and bug fixes.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included in your product packaging or visit the official XTRONS website. Keep your purchase receipt as 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

Anonymous

Email

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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

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