

XTRONS HM141AB

XTRONS 14-inch Android Headrest Monitor HM141AB User Manual

Model: HM141AB

Brand: XTRONS

1. INTRODUCTION

Thank you for purchasing the XTRONS 14-inch Android Headrest Monitor, model HM141AB. This manual provides detailed instructions for the installation, operation, and maintenance of your device. Please read this manual thoroughly before use to ensure proper functionality and to maximize your user experience.

Key Features:

- **Rotatable Display:** Industry-first 90-degree vertical rotation capability, allowing both horizontal and vertical viewing modes.
- **Android 11 OS:** Equipped with an 8-core processor, 4GB RAM, and 64GB ROM for smooth performance and access to various apps via Google Play.
- **2K High Resolution:** Stunning 2K (2160x1440) resolution on a 14-inch LCD for an immersive viewing experience.
- **Wireless Mirroring:** Supports AirPlay and WiFi Display for seamless content sharing from smartphones.
- **Multiple Inputs/Outputs:** HDMI input/output, RCA input, and USB for versatile connectivity with external devices.
- **4K Video Playback:** Supports USB video playback up to 4K resolution.
- **Customizable UI:** Features over 20 UI themes and dynamic LED backlighting for personalized aesthetics.
- **High-Quality Audio:** Built-in high-quality speakers and support for 3.5mm headphones and Bluetooth audio.
- **Ultra-Slim Design:** Approximately 1.2cm thick and 1.5kg weight for a sleek integration into your vehicle.



Figure 1.1: XTRONS 14-inch Android Headrest Monitor.

The XTRONS logo is displayed in a bold, italicized, black sans-serif font.

高性能の製品、優れた顧客サービス

カー用品における17年間の経験

XTRONSは最先端・高性能の製品をより手頃な価格で提供するうえ、信頼できる優れたアフターサービスに力を尽くしております。

Figure 1.2: The XTRONS headrest monitor features a rotatable display for flexible viewing.

2. SETUP AND INSTALLATION

Follow these steps to properly install your XTRONS headrest monitor.

2.1 Package Contents

Before installation, ensure all components are present:

- 1 x ISO Power Cable
- 1 x Mounting Bracket
- 1 x Extension Cable
- 1 x USB Cable (0.2m)
- 1 x HDMI Cable (1.5m)
- 1 x Cigarette Lighter Power Adapter
- 1 x Installation Tool
- 1 x English Instruction Manual (Electronic Japanese version available for download)

付属品



1 × ISO電源ケーブル



1 × 取付ブラケット



1 × 延長ケーブル



1 × USBケーブル



1 × HDMIケーブル



1 × シガーライター



1 × 取付用具



1 × 英語取付説明書
(電子版日本語説明書が
ダウンロード可)

Figure 2.1: All accessories included with the XTRONS HM141AB monitor.

2.2 Installation Steps

1. Attach the mounting bracket to the headrest posts.
2. Secure the bracket using the provided installation tool.
3. Slide the monitor onto the bracket until it clicks into place.
4. Adjust the monitor's angle (up to 70 degrees front/back) and rotation (90 degrees vertical) for optimal viewing.
5. Connect the power using the cigarette lighter adapter or the ISO power cable for a more integrated setup.



Figure 2.2: Visual guide for installing the headrest monitor.

3. OPERATING INSTRUCTIONS

This section details how to operate your XTRONS headrest monitor.

3.1 Powering On/Off

Press and hold the power button located on the bottom of the monitor to turn the device on or off. A short press will put the device into standby mode.

3.2 Android 11 System

The monitor runs on Android 11. Once powered on, you will see the home screen. Connect to Wi-Fi to access the Google Play Store and download various applications such as YouTube, Amazon Music, and more. The 8-core processor with 4GB RAM and 64GB ROM ensures a smooth user experience.



Figure 3.1: Android 11 operating system with app icons and system memory details.

3.3 Display Rotation

The monitor supports 90-degree vertical rotation. The built-in gravity sensor automatically adjusts the display orientation. You can manually rotate the monitor to switch between landscape and portrait modes, optimizing content viewing.



Figure 3.2: The monitor can be rotated 90 degrees for vertical or horizontal viewing.

3.4 Connectivity and Inputs

The monitor offers various ports for connecting external devices:

- **USB Input:** Connect USB drives for media playback (supports 720P, Full HD, 2K, and 4K video).
- **HDMI Input/Output:** Connect game consoles, digital cameras, PCs, or car navigation systems via HDMI input. The monitor can also output its display to an external monitor via HDMI output.
- **RCA Input:** Use the included RCA cable to connect to car navigation or tuner systems for video and audio playback.
- **DC12V Power Input:** For direct power connection.

多彩なエンターテインメント



USB/HDMI/RCA 映像入力



Figure 3.3: Overview of the monitor's input and output ports.

3.5 Wireless Mirroring

Mirror content from your smartphone to the monitor wirelessly:

- Supports AirPlay for iOS devices and WiFi Display for Android devices.
- Enjoy videos, games, and other content from your phone on the 14-inch screen.
- Note: Some applications may not support mirroring due to their specifications.

ワイヤレス スクリーンミラーリング機能

スマホの動画、ゲームなどを14インチ大画面に存分に楽しもう。



AirPlay



WiFi Display



iPhone対応可
Androidスマホと



* ネットアプリの仕様によって、ミラーリングできないアプリもあります。

Figure 3.4: Wireless screen mirroring in action, displaying a game from a smartphone.

3.6 Audio Output Options

The monitor provides flexible audio options:

- **Built-in Speakers:** High-quality integrated speakers for direct audio playback.
- **3.5mm Audio Jack:** Connect wired headphones for private listening.
- **Bluetooth:** Pair Bluetooth headphones or external speakers for wireless audio.



Figure 3.5: Various audio output methods available on the monitor.

3.7 User Interface (UI) Customization

Personalize your monitor's appearance:

- Choose from over 20 types of UI themes to match your preference.
- The latest LED backlight changes colors dynamically, enhancing the car interior ambiance.



Figure 3.6: Examples of various UI themes that can be selected.

4. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. For stubborn smudges, lightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Temperature:** Avoid exposing the monitor to extreme temperatures, both hot and cold, for extended periods.
- **Storage:** If storing the device for a long time, disconnect it from power and store it in a cool, dry place.
- **Cable Management:** Ensure all cables are securely connected and not pinched or strained, which can lead to damage.

5. TROUBLESHOOTING

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

- **No Power:**
 - Check if the power cable is securely connected to the monitor and the power source (cigarette lighter or vehicle's electrical system).
 - Ensure the vehicle's ignition is on if using the cigarette lighter adapter.
 - Verify the cigarette lighter socket is functioning.
- **No Display/Black Screen:**
 - Confirm the monitor is powered on (check the power indicator light).
 - If using an external input (HDMI, RCA), ensure the source device is on and correctly connected.
 - Try restarting the monitor.
- **No Sound:**
 - Check the volume settings on the monitor and the connected source device.
 - If using Bluetooth headphones, ensure they are paired and connected.
 - If using wired headphones, ensure they are fully plugged into the 3.5mm jack.
- **Wireless Mirroring Not Working:**
 - Ensure both the monitor and your smartphone are connected to the same Wi-Fi network.
 - Verify that your smartphone's mirroring function (AirPlay/WiFi Display) is enabled.
 - Some apps may restrict mirroring functionality.
- **Touch Screen Unresponsive:**
 - Restart the monitor.
 - Ensure the screen is clean and free of debris.

If these steps do not resolve the issue, please contact XTRONS customer support.

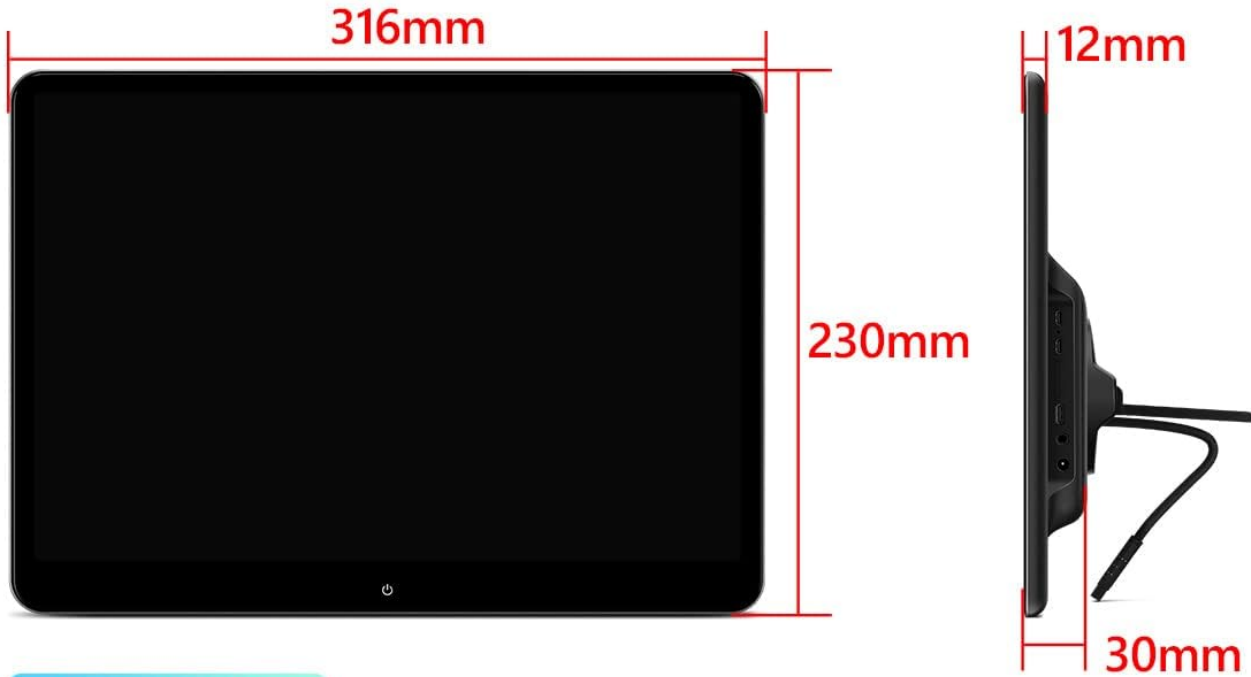
6. SPECIFICATIONS

Feature	Detail
Model Number	HM141AB
Brand	XTRONS
Display Size	14 inches
Display Type	LCD
Resolution	2K (2160 x 1440)
Operating System	Android 11
Processor	8-core
RAM	4GB
ROM	64GB

Feature	Detail
Connectivity	Wi-Fi, Bluetooth
Inputs	HDMI, USB, RCA
Outputs	HDMI, 3.5mm Audio Jack
Dimensions (approx.)	316mm (W) x 230mm (H) x 12mm (D)
Product Weight (approx.)	1.5 kg
Package Size	38.4 x 27.6 x 11.4 cm
Package Weight	2.9 kg
Battery Usage	No

サイズ

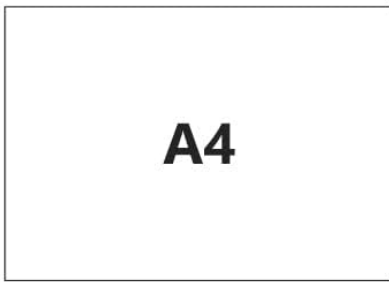
超薄型超軽量設計



サイズ比較



XTRONS HM141A



A4紙の大きさ

Figure 6.1: Physical dimensions of the monitor.

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Your XTRONS headrest monitor comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

If you have any questions, encounter issues, or require assistance with your product, please do not hesitate to contact XTRONS customer support via email. Our team is ready to provide support and guidance.

An electronic version of the Japanese instruction manual is available for download. If you require this version, please contact us by email, and we will provide it promptly.

Important Note: This model does not include a built-in DVD player function.

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Question

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