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› XTRONS Android 11 Car TV Tablet (HM142A) User Manual

XTRONS HM142A

XTRONS Android 11 Car TV Tablet

MODEL: HM142A

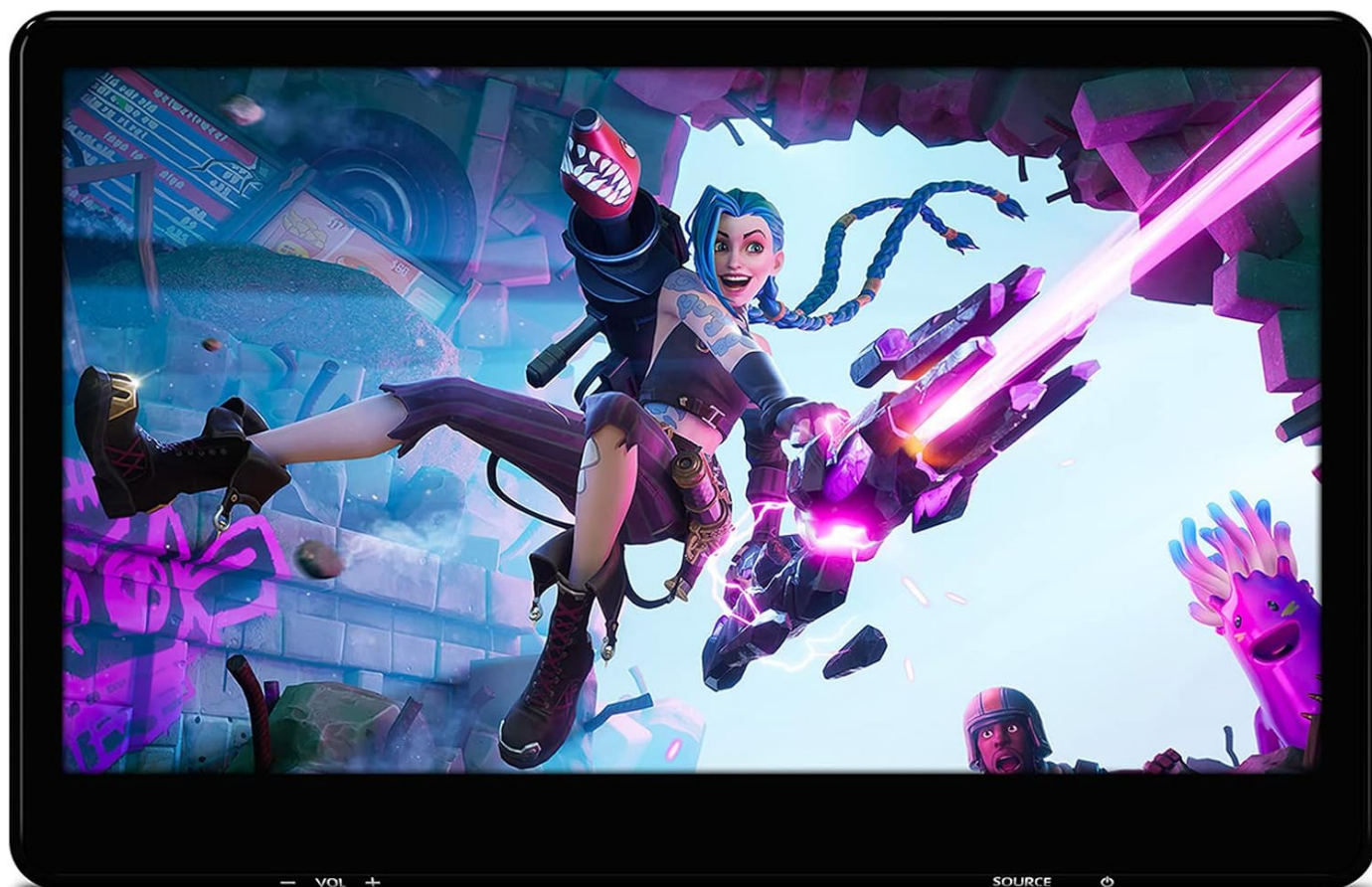
Brand: XTRONS

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS Android 11 Car TV Tablet, Model HM142A. Please read this manual thoroughly before using the device to ensure proper functionality and safety. Keep this manual for future reference.

2. PRODUCT FEATURES

- **Operating System:** Latest upgraded Android 11 OS.
- **Memory & Storage:** 2GB DDR4 RAM & 32GB ROM for smooth performance and ample storage.
- **Display:** 14-inch FHD IPS Touch Screen with 1920x1080 pixels resolution, supporting up to 4K UHD video decoding. Features G+G technology for high touch sensitivity.
- **Connectivity:** Built-in Dual Band WiFi module (2.4GHz & 5GHz) for flexible and fast internet connection.
- **Screen Mirroring:** Supports wireless screen mirroring for iOS and Android devices (Note: Does not support encrypted paid video apps like Netflix, Amazon Prime Video, Hulu, Comcast TV, DIRECTV due to unauthorized sharing).
- **Media Playback:** Enjoy movies, music, videos, or TV shows from various sources including USB sticks and HDMI output devices.
- **Audio Options:** Built-in speakers, 3.5mm audio jack for wired earphones, Bluetooth connection, and FM transmitter for vehicle speakers.
- **Customization:** Over 20 built-in UI themes to personalize the unit's appearance.
- **Ambient Lighting:** Multi-color ambient lighting on the back to enhance the in-car atmosphere.



Front view of the XTRONS 14-inch Car Headrest Monitor.

Product Highlights

Classic Factory-style Design



14" IPS Fully Laminated Screen



Android 11 System



4K Video Playback



2GB
RAM (DDR4)

32GB
ROM (SSD)

Dual Speakers



HDMI

HD Input & Output



Varied Themes



Rockchip RK3566 Processor



Screen Mirroring



Visual representation of key product highlights including screen size, Android version, RAM, ROM, and connectivity options.

The Harmony of Toughness and Beauty





Fully Laminated Exquisite Craftsmanship

XTRONS

Unibody Design

Others

With air gap

XTRONS

Light Absorbed

Others

Strong Reflection

Comparison illustrating the fully laminated screen design of the XTRONS monitor versus traditional designs with air gaps, highlighting reduced reflection.

Style It Your Way

Choose between the 20+ design options to customise the themes to suit your style or to complement your mood. Let it blend in harmony with the interior.

20+ themes



A selection of over 20 customizable UI themes available for the device, allowing users to personalize the interface.

Make the Space In Car Looks Just Like Magic



The multi-color ambient lighting feature on the back of the monitor, illuminating the car interior.

Your browser does not support the video tag.

Official product video demonstrating the features and functionality of the XTRONS HM142A Car Headrest Monitor.

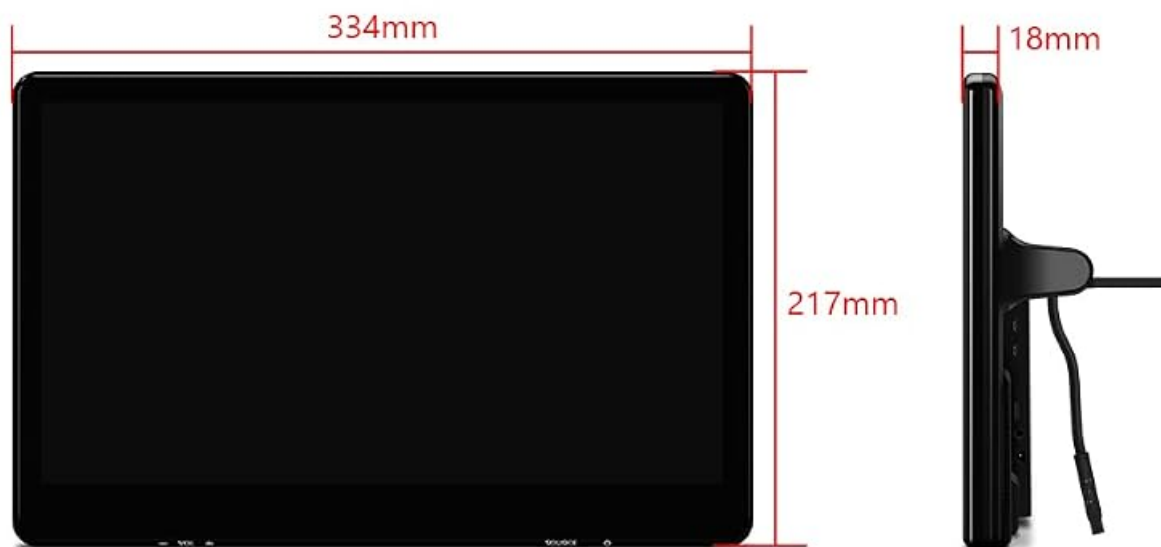
3. WHAT'S IN THE BOX

The following items are included with your XTRONS HM142A Car TV Tablet:

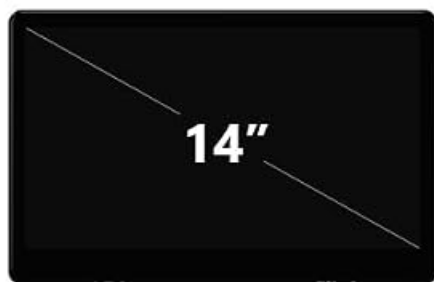
- 1 x XTRONS HM142A Car TV Tablet
- 1 x ISO Wiring Harness
- 1 x Mounting Base
- 1 x Extension Cable
- 1 x USB Type-C to USB Adapter
- 1 x HDMI Adapter Cable
- 1 x Cigarette Lighter Cable

- 1 x Screwdriver Tool
- 1 x User Manual

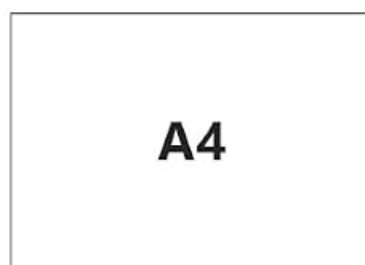
Size



Size Reference



XTRONS HM142A



Object: A4 Paper

Accessories



1 x ISO Wiring Harness



1 x Mounting Base



1 x Extension Cable



0.2m



1.5m





1 x USB Type-C to USB Adapter



1 x HDMI Adapter Cable



1 x Cigarette Lighter Cable



1 x Screwdriver Tool



1 x User Manual

Visual representation of all included accessories for the XTRONS HM142A.

4. SETUP & INSTALLATION

Follow these steps for proper installation of your XTRONS HM142A Car TV Tablet:

1. **Assemble the Mounting Base:** Choose between Option 1 or Option 2 for the mounting base assembly.
2. **Attach to Headrest Poles:** Securely attach the assembled mounting base onto the two poles of your car's headrest.
3. **Secure with Screws:** Use the provided screws to firmly secure the mounting base to the headrest poles.
4. **Assemble Monitor:** Attach the monitor to the mounting base. Ensure it is level and in the desired position.
5. **Secure Monitor with Clamps:** Use the included toggle clamps to secure the monitor to the base. The installation direction of these clamps can be reversed as needed.
6. **Adjust Tilt:** If necessary, adjust the monitor to your preferred tilt position for optimal viewing.

Easy Installation



Assemble the mounting base.



Attach the mounting base onto the 2 poles of your headrest.



Secure the mounting base with the screws.



Assemble the monitor to the mounting base, the monitor can be levelled to the desired position.



Secure the monitor to the base using the included toggle clamps which installation direction can be reversed freely.



If needed, adjust the monitor to your desired tilt position.

Step-by-step visual guide for installing the XTRONS HM142A Car Headrest Monitor.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- **Power On:** Connect the device to a 12V power source using the provided Cigarette Lighter Cable or ISO Wiring Harness. The device will typically power on automatically.
- **Power Off:** Press and hold the power button located on the device until the power-off options appear. Select 'Power Off'.
- **Sleep Mode:** Briefly press the power button to put the device into sleep mode. Press again to wake it up.

5.2 Navigating the Interface

- The device features a **touch screen interface** for intuitive navigation.
- Swipe left or right to browse through applications and settings.
- Tap on icons to open applications or access settings menus.
- Use the **Volume +/-** buttons on the device or remote control to adjust audio levels.
- The **SOURCE** button allows you to switch between different input sources (e.g., Android OS, HDMI, AV).

5.3 Customizing Themes

- Navigate to **Settings > Theme Settings**.
- Choose from over 20 pre-installed themes to customize the look and feel of your device's interface.

5.4 Adjusting Ambient Light

- Go to **Settings > LED Settings**.
- Select your desired color or set it to automatic to cycle through colors.

6. CONNECTIVITY

6.1 Wi-Fi Connection

- Go to **Settings > Network & Internet > Wi-Fi**
- Turn on Wi-Fi and select your desired network from the list.
- Enter the password if prompted and connect.
- The device supports both 2.4GHz and 5GHz Wi-Fi for flexible and faster connections.

6.2 Screen Mirroring

- Access the Screen Mirroring application from the main menu.
- Follow the on-screen instructions to connect your iOS or Android device.
- Ensure both devices are connected to the same Wi-Fi network for optimal performance.

Wireless Screen Mirroring, Share More Fun



Note: Screen mirroring doesn't support any encrypted paid video apps like Netflix, Amazon video, Hulu, Comcast TV, DIRECTV due to unauthorized sharing for third-party software.

Demonstration of wireless screen mirroring from a smartphone to the XTRONS monitor.

6.3 HDMI Input & Output

- The device features both **HDMI In** and **HDMI Out** ports.
- Use **HDMI In** to connect external devices like game consoles, laptops, or DSLR cameras to display their content on the monitor.
- Use **HDMI Out** to connect the monitor to another display, allowing synchronized playback.

Incredibly Versatile Display with Extensive Connectivity

A multitude of connectivity options ensures wide compatibility with a variety of sources. The fun will never end in the journey.



- HD OUT
- USB Type-C
- RESET
- 3.5mm Headset Jack
- HD IN
- DC 12V



Convenient USB Input

Play any pictures/music/videos from your USB drive directly on the go.



Detailed view of the various ports available on the XTRONS monitor, including HD Out, Reset, HD In, USB Type-C, 3.5mm Headset Jack, and DC 12V.

6.4 USB Input

- Connect a USB flash drive to the USB port using the provided USB Type-C to USB Adapter.
- Access the File Manager application to browse and play media files (AVI, 3GP, DAT, DIVX, FLV, MP4, RMVB, VOB, XVID) directly from the USB drive.

6.5 AV Input

- Connect compatible devices, such as a car stereo, using the RCA cables to the AV-IN port.
- This allows you to share more content directly from other compatible devices.

6.6 Audio Output Options

- **Built-in Speakers:** Audio will play directly from the monitor's integrated dual speakers.
- **3.5mm Headset Jack:** Connect wired headphones for private listening.
- **Bluetooth:** Pair with Bluetooth headphones (e.g., BH002) or other Bluetooth audio devices.
- **FM Transmitter:** Transmit audio to your car's FM radio, allowing sound to play through the vehicle's speakers. Adjust the FM frequency on the monitor and your car radio to match.

7. MAINTENANCE

- **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 device with a soft, dry cloth.
- **Avoid Liquids:** Do not expose the device to excessive moisture or liquids.
- **Temperature:** Operate and store the device within recommended temperature ranges to prevent damage.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	No power supply; loose connection; blown fuse in car.	Check power cable connection. Ensure car's ignition is on. Check vehicle's fuse box.
No sound.	Volume too low; incorrect audio output setting; faulty cable.	Increase volume. Check audio output settings (speakers, 3.5mm, Bluetooth, FM). Ensure cables are securely connected.
Screen mirroring not working.	Devices not on same Wi-Fi; app not supported; mirroring app issue.	Ensure both devices are connected to the same Wi-Fi. Note that encrypted paid video apps are not supported. Restart mirroring app on both devices.
Touch screen unresponsive.	Software glitch; screen protector interference.	Perform a soft reset (use the RESET pinhole). Check if screen protector is properly applied or removed.
Device is slow or freezing.	Too many apps running; low storage; software issue.	Close unused apps. Clear cache/data for problematic apps. Free up storage. Restart the device.

9. SPECIFICATIONS

- **Model Number:** HM142A
- **Operating System:** Android 11
- **Processor:** Rockchip RK3566 Quad-Core

- **RAM:** 2GB DDR4
- **ROM:** 32GB SSD
- **Screen Size:** 14 Inches
- **Display Type:** IPS Touch Screen
- **Resolution:** 1920x1080 FHD
- **GPU:** G52
- **Wi-Fi:** Dual Band (2.4GHz & 5GHz)
- **Inputs:** HDMI, CVBS Video, Analog Audio (Left and Right)
- **Outputs:** HDMI, Analog Audio (Left and Right)
- **USB Compatibility:** Max 128GB
- **Supported Video Formats:** AVI, 3GP, DAT, DIVX, FLV, MP4, RMVB, VOB, XVID
- **Power Supply:** DC 12V
- **Item Weight:** 5.91 pounds
- **Package Dimensions:** 14.96 x 11.02 x 4.72 inches

10. WARRANTY & SUPPORT

XTRONS products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official XTRONS website. If you encounter any issues or require technical assistance, please contact XTRONS customer support through the contact information provided on their official website or your purchase platform.

Optional accessories such as 3G/4G Dongles, Digital TV Receivers, and BT Headphones are available separately to enhance your experience. Please refer to the XTRONS website for compatible models and purchasing information.

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

you@example.com

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

Open the live page

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