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> [XTRONS CM173HD 17.3-Inch FHD Car Overhead Monitor User Manual](#)

XTRONS CM173HD

XTRONS CM173HD 17.3-Inch FHD Car Overhead Monitor User Manual

Model: CM173HD | Brand: XTRONS

PRODUCT OVERVIEW

This manual provides comprehensive instructions for the XTRONS CM173HD 17.3-inch Full HD car overhead monitor, covering installation, operation, features, and specifications to ensure optimal use of your device.

The CM173HD features a 17.3-inch Full HD 1080P Digital TFT screen with a 1920x1080 resolution, offering a sharp and clear display. Its ultra-thin design and 130-degree rotating screen provide flexible viewing options. Integrated blue atmospheric LED lights and a sleek touch panel enhance the user experience. The unit supports positive and negative door control for automatic light operation. It includes a built-in HDMI port, USB port, and SD card slot for versatile media input. This model does not include a DVD drive.



Image: Overview of the XTRONS CM173HD monitor highlighting its 17.3-inch FHD screen, 1920x1080 resolution, 130° rotatable screen, built-in speakers, HDMI input, and positive/negative door control.

WHAT'S IN THE BOX

Verify that all components are present before beginning installation.

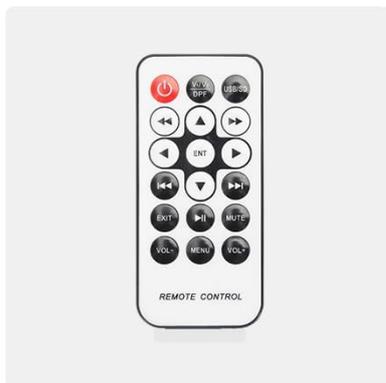
- 1 x XTRONS CM173HD Car Overhead Monitor

- 1 x Remote Control
- 6 x Mounting Nuts
- 1 x User Manual
- Power Cable (with HDMI, SD, USB ports integrated)
- 2 x Black IR Headphones (DWH005x2 variant)

Size



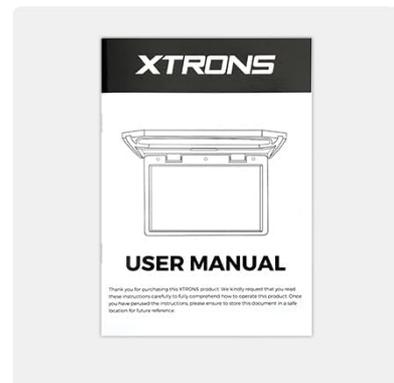
Accessories



1 x Remote Control



6 x Nuts



1 x User Manual

Image: The package contents, showing the remote control, mounting nuts, and user manual alongside the monitor dimensions.

SETUP AND INSTALLATION

Professional installation is recommended for this product. Ensure the vehicle's power is disconnected before starting installation.

1. **Mounting Location:** Choose a central location on the vehicle's roof that does not obstruct the driver's view or vehicle functions.
2. **Secure Mounting Plate:** Use the provided mounting nuts to securely attach the monitor's mounting plate to the vehicle's roof structure.
3. **Wiring:** Connect the power cables (B+ and GND) and door control wires (Door Control- and Door Control+) according to the wiring diagram. Ensure proper insulation for all connections.
4. **Media Connections:** Connect external devices using the HDMI, USB, or AV input ports as needed.
5. **Final Assembly:** Attach the monitor unit to the secured mounting plate.

Your browser does not support the video tag.

Video: Detailed installation guide for the XTRONS 17.3-inch motorized car overhead player. This video demonstrates the steps for mounting the unit and connecting the necessary wiring.

Dual AV Input Channels Easy Switching

With two AV input channels, you can connect more compatible devices like a head unit, a rearseat DVD player etc., enabling easy switching.



Image: Wiring diagram showing connections for door control, audio inputs, video inputs, B+, and GND.

OPERATING INSTRUCTIONS

The XTRONS CM173HD can be operated using the sleek touch panel on the unit or the provided remote control.

- **Power On/Off:** Press the power button on the touch panel or remote control. The screen will automatically fold down/up.
- **Screen Rotation:** The screen can be manually rotated up to 130 degrees for optimal viewing angles.
- **Media Playback:** Insert a USB drive or SD card into the designated slots. Navigate through the media files using the touch panel or remote.
- **HDMI Input:** Connect an HDMI device (e.g., smartphone, game console, digital TV box) to the HDMI port. Select HDMI as the input source.
- **AV Input:** Connect external AV devices using RCA cables to the AV input channels. Switch between AV sources as needed.
- **Audio Output Options:**
 - Built-in Speakers: Audio will play directly from the monitor.
 - IR Transmitter: Use compatible IR headphones (DWH005x2 included) for private listening.
 - FM Transmitter: Transmit audio to your car's FM radio for playback through the vehicle's sound system.
- **Atmospheric LED Lights:** The blue LED light bar can be controlled via the touch panel. If connected to door control wires, the lights will automatically turn on/off with the vehicle doors.



Image: The monitor's display quality, emphasizing its 1920x1080 pixels and 1080P video playback capability.



Image: Illustration of various sound output options: built-in speakers, connection to other car stereo, and built-in IR transmitter for headphones.

FEATURES

- **High Definition Display:** 17.3-inch Full HD (1920x1080) Digital TFT screen for sharp and clear visuals.
- **Ultra-Thin Design:** Modern and sleek profile that integrates seamlessly into your vehicle's interior.
- **Adjustable Viewing:** 130-degree rotatable screen ensures comfortable viewing for all passengers.
- **Versatile Connectivity:** Built-in HDMI port, USB port, and SD card slot for various media sources.
- **Enhanced Ambiance:** Blue atmospheric LED light bar adds a stylish touch and can be linked to door control.
- **Intuitive Control:** Sleek and elegant touch panel for easy operation.
- **Door Control Integration:** Supports positive and negative door control, allowing the lights to automatically turn on/off with the vehicle doors.
- **Audio Flexibility:** Multiple sound output options including built-in speakers, IR transmitter for headphones, and FM transmitter for car stereo integration.



Image: The blue atmospheric LED light bar and its functionality with positive and negative door control, illustrating how lights turn on/off with door status.

SPECIFICATIONS

Screen Size	17.3 Inches
Display Type	LED, Digital TFT
Resolution	1920 x 1080 (Full HD)
Aspect Ratio	16:9
Rotation Angle	130 Degrees
Input Ports	HDMI, USB, SD Card, Dual AV Input
Output Options	Built-in Speakers, IR Transmitter, FM Transmitter
Special Features	Blue Atmospheric LED Light Bar, Sleek Touch Panel, Door Control Support
Model Number	CM173HD
Item Weight	9.9 pounds
Voltage	15.8 Volts

17.3" Large Digital screen



Coach



Bus



Motor Home

Image: The 17.3-inch screen size is suitable for various large vehicles such as coaches, buses, and motor homes.

MAINTENANCE

To ensure the longevity and optimal performance of your XTRONS CM173HD monitor, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents that may damage the surface.
- **Dust Removal:** Regularly remove dust from the unit's vents to prevent overheating.
- **Cable Inspection:** Periodically check all cables for any signs of wear or damage. Replace any damaged cables immediately.
- **Temperature:** Avoid exposing the unit to extreme temperatures. The operating temperature range is typically between -20°C and +80°C.

TROUBLESHOOTING

If you encounter any issues with your XTRONS CM173HD monitor, refer to the following common troubleshooting steps:

- **No Power:**

- Check all power connections to ensure they are secure.
- Verify the vehicle's fuse for the monitor is intact.
- **No Picture/Sound:**
 - Ensure the correct input source (HDMI, AV, USB, SD) is selected.
 - Check the connections of external media devices.
 - Adjust the volume settings.
- **Screen Not Rotating:**
 - Ensure there are no obstructions preventing the screen from moving.
 - Check if the unit is receiving power.
- **Remote Control Not Working:**
 - Replace the remote control batteries.
 - Ensure there is a clear line of sight between the remote and the monitor's IR receiver.

For further assistance, please contact XTRONS customer support.

WARRANTY AND SUPPORT

XTRONS products are designed for quality and reliability. For warranty information and customer support, please refer to the official XTRONS website or the contact details provided in your product packaging. Keep your purchase receipt as proof of purchase for warranty claims.