XTRONS CM156HD

XTRONS 15.6 Inch Ultra-Thin FHD Digital TFT Screen Car Overhead Player

Instruction Manual

Model: CM156HD | Brand: XTRONS

Product Overview

The XTRONS CM156HD is a 15.6-inch Ultra-Thin FHD Digital TFT Screen designed for roof mounting in vehicles. It supports 1080P video playback and features a built-in HDMI port, USB, and SD card slots for versatile media playback. Its sleek design and advanced features provide an enhanced in-car entertainment experience.

Figure 1: Front view of the XTRONS CM156HD overhead monitor, showcasing its large screen and sleek design.

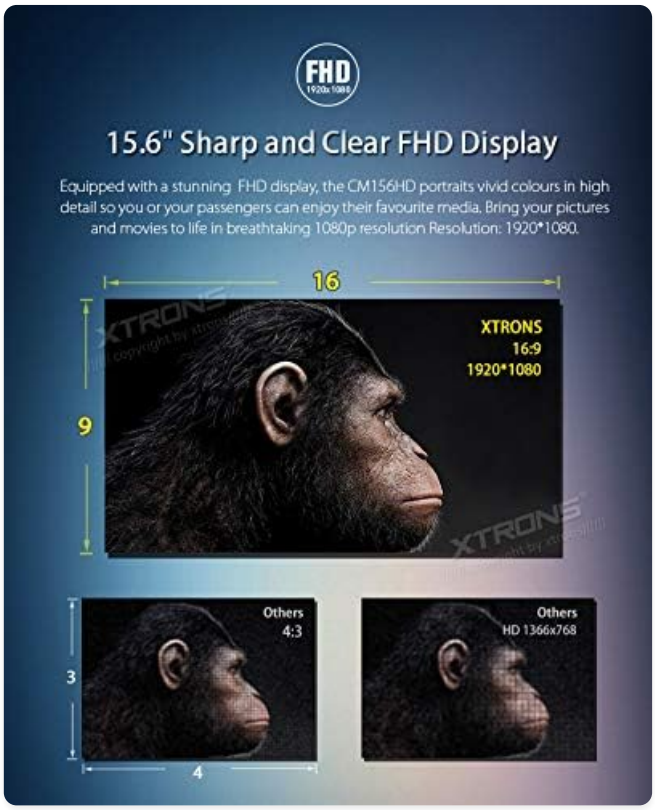

Figure 2: Visual representation of the 15.6-inch FHD screen dimensions (16:9 aspect ratio, 1920x1080 resolution) and the 180-degree rotating screen capability.

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Video 1: An official product overview of the XTRONS 15.6 Inch Overhead Player, highlighting its sleek design, 1080P video capabilities, HDMI port, soft-touch buttons, door control support, LED light strips, and various media input options.

Setup and Installation

What's in the Box

- 1 x User Manual
- 1 x Remote Control
- 6 x Fixing Screws

Figure 3: The accessories included with the XTRONS CM156HD: a remote control, six fixing screws, and the user manual.

Wiring Diagram

Proper wiring is crucial for the functionality of your XTRONS CM156HD. Refer to the diagram below for correct connections.

Figure 4: Detailed wiring diagram for the CM156HD, indicating connections for power (B+, GND), door control (Door Control -, Door Control +), and audio/video inputs (Audio Left/Right Input 1 & 2, Video Input 1 & 2).

1. **1. B+:** Connect to the vehicle's positive power supply.
2. **2. GND:** Connect to the vehicle's ground.
3. **3. Door Control -:** Connect to the negative door trigger wire for automatic light control.
4. **4. Door Control +:** Connect to the positive door trigger wire for automatic light control.
5. **5. Audio Left Input 1:** Connect to the left audio output of your external device.
6. **6. Audio Right Input 1:** Connect to the right audio output of your external device.
7. **7. Audio Right Input 2:** Connect to the right audio output of a second external device.
8. **8. Audio Left Input 2:** Connect to the left audio output of a second external device.
9. **9. Video Input 1:** Connect to the video output of your external device.
10. **10. Video Input 2:** Connect to the video output of a second external device.

Operating Instructions

Power On/Off

The unit powers on automatically when the vehicle's ignition is turned on. It will not drain your car's battery when the vehicle is turned off.

Screen Adjustment

The 15.6-inch screen can be rotated up to 180 degrees for optimal viewing angles from various positions within the vehicle.

Media Inputs

The CM156HD offers multiple ways to enjoy your media:

- **HDMI Port:** Connect your smartphone, gaming console, or other HDMI-enabled devices for high-definition video and audio.
- **USB Port:** Insert a USB stick (up to 32GB) to play music, videos, or view photos.
- **SD Card Slot:** Insert an SD card (up to 32GB) to play music, videos, or view photos.

Figure 5: A close-up view of the HDMI, SD card, and USB ports, allowing for expanded media choices.

Audio Output Options

You have several choices for audio output:

- **Built-in IR Transmitter:** Connect compatible wireless IR headphones (e.g., XTRONS DWH005, DWH006) for private listening. Supports dual channel (A & B) wireless infrared headphones.
- **Built-in FM Transmitter:** Transmit audio to your car's FM radio, allowing sound to play through the vehicle's speakers. Nine available frequencies are supported.
- **Built-in Speakers:** The unit has integrated speakers for direct audio playback.

Figure 6: Illustration of the various sound output choices, including built-in IR transmitter for wireless headphones and built-in FM transmitter for car speakers.

Control Panel and Remote

The unit features a sleek and elegant soft-touch button panel for easy operation. A remote control is also included for convenient control from a distance.

Figure 7: A detailed view of the soft-touch button panel, designed for intuitive control of the unit.

Atmospheric LED Lights

The CM156HD includes built-in soft blue LED light strips on each side of the monitor. These lights can be automatically

turned on or off depending on the vehicle's door status (if connected to the door control wire), creating a pleasant ambiance.

Maintenance

To ensure the longevity and optimal performance of your XTRONS CM156HD, 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-safe cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Cleaning the Unit:** Wipe the exterior of the unit with a soft, dry cloth. Ensure no liquids enter the ports or openings.
- **Port Care:** Keep USB, SD, and HDMI ports free of dust and debris. Avoid inserting foreign objects.
- **Folding Mechanism:** When folding the screen up or down, do so gently. Avoid forcing the screen, especially if you hear cracking sounds, as this may indicate a mechanical issue.

Troubleshooting

If you encounter issues with your CM156HD, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power/Unit does not turn on.	Incorrect wiring; Blown fuse; Vehicle ignition off.	Check power connections (B+, GND). Verify vehicle ignition is on. Check vehicle's fuse box for blown fuses.
No video signal.	Incorrect input selected; Loose HDMI/AV cable; Incompatible resolution.	Ensure the correct input source (HDMI, AV) is selected. Check all cable connections. Verify the external device's output resolution is compatible (up to 1080P).
USB/SD card not recognized or slow playback.	Incompatible file format; Card/drive capacity too large; Corrupted media.	Ensure media files are in supported formats. Verify USB drive/SD card is 32GB or less. Try reformatting the media or using a different one.
LED lights remain dimly lit or do not turn off.	Incorrect door control wiring; Small residual voltage.	Ensure door control wires are correctly connected. Some vehicles may supply a small residual voltage; consult a professional installer if persistent. There is a physical switch to turn off the lights.
Playback does not resume after turning off ignition.	Feature not supported for all media types/sources.	The unit may not have a resume function for all playback scenarios. Manual fast-forwarding may be required.

Specifications

Feature	Specification
Model	CM156HD
Screen Size	15.6 Inches
Display Type	LED
Resolution	1920 x 1080 (FHD)
Product Dimensions	5.91 x 3.15 x 3.15 inches
Item Weight	8.88 pounds
Inputs	HDMI, USB, SD Card, AV Inputs
Audio Output	Built-in IR Transmitter, Built-in FM Transmitter, Built-in Speakers
Special Features	Wide screen, 180-degree rotating screen, Soft-touch button panel, Blue atmospheric LED light bar, Supports positive and negative door control.

Warranty and Support

XTRONS is committed to providing high-quality in-car entertainment products. For any support needs, technical assistance, or warranty inquiries, please visit the official XTRONS websites:

- www.xtrons.com
- xtrons.co.uk

Please retain your proof of purchase for 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

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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