

# **XTRONS**



## **HD106**

# **USER MANUAL**

Thank you for buying this XTRONS product. Please read through these instructions so you will know how to operate this product properly. After you have finished reading the instructions, keep this document in a safe place for future reference.

## NOTICES

### NOTICE OF INTENDED USE

**Our products are designed to enable viewing of video ONLY for rear-seat occupants, and are not intended for viewing by the driver when the vehicle is in motion. Such use might distract the driver or interfere with the driver's safe operation of the vehicle, and thus result in serious injury or death. Such use might also violate state or local laws.**

**Manufacturer disclaims any liability for any bodily injury or property damage that might result from any improper or unintended use.**

*NOTE: Features and specifications listed in this manual are subject to change without notice.*

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## Precaution

Certain country and government laws may prohibit or restrict the placement and use of this product in your vehicle. Please comply with all applicable laws and regulations regarding the use, installation and operation of this product.



If you want to dispose this product, do not mix it with general household waste. There is a separate collection system for used electronic products in accordance with legislation that requires proper treatment, recovery and recycling.

## Before installing this product

- Use this unit with a 12-volt battery and negative grounding only. Failure to do so may result in a fire or malfunction.
- To avoid shorts in the electrical system, be sure to disconnect the (-) battery cable before installation.

## Important safety information

### **WARNING**

- Do not attempt to install or service this product by yourself. Installation or servicing of this product by persons without training and experience in electronic equipment and automotive accessories may be dangerous and could expose you to the risk of electric shock, injury or other hazards.



- Do not allow this product to come into contact with liquids. Electrical shock could result. Also, damage to the product, smoke and overheating could result from contact with liquids.
- If liquid or foreign matter should get inside this product, park your vehicle in a safe place, turn the ignition switch off (ACC OFF) immediately and consult your dealer. Do not use this product in this condition because doing so may result in a fire, electric shock, or other failure.
- If you notice smoke, a strange noise or odor from this product, or any other abnormal signs on the screen, turn off the power immediately and consult your dealer. Using this product in this condition may result in permanent damage to the system.
- Do not disassemble or modify this product, as there are high-voltage components inside which may cause an electric shock. Be sure to consult your dealer for internal inspection, adjustments or repairs.

## To avoid battery exhaustion

Be sure to run the vehicle engine while using this product. Using this product without running the engine can drain the battery.



### **WARNING**

Do not install this product in a vehicle that does not have an ACC wire or circuitry available.

## Checking part names and functions



### 1. +>

Touch to turn the volume up.

### 2. MENU

Touch to display the menu.

### 3. <-

Touch to turn the volume down.

### 4. Power button/Mode button

Press to turn on or turn off the power.

Press to switch between the application screen and the AV operation screen.

### 5. >>|

Touch to skip to the next track/chapter.

### 6. >||

Touch to pause or resume playback.

### 7. |<<<

Touch to skip to the previous track/chapter.

**8. HDMI port**

Connect a device to the product using an optional appropriate HDMI cable or adapter.

**9. USB port**

Plug a USB storage device into the USB port.

**10. SD card slot**

Insert an SD memory card into the SD card slot.

**11. AV input jack**

Use to receive AV signals from another device.

**12. Headset jack**

Use to connect an external headset to the product.

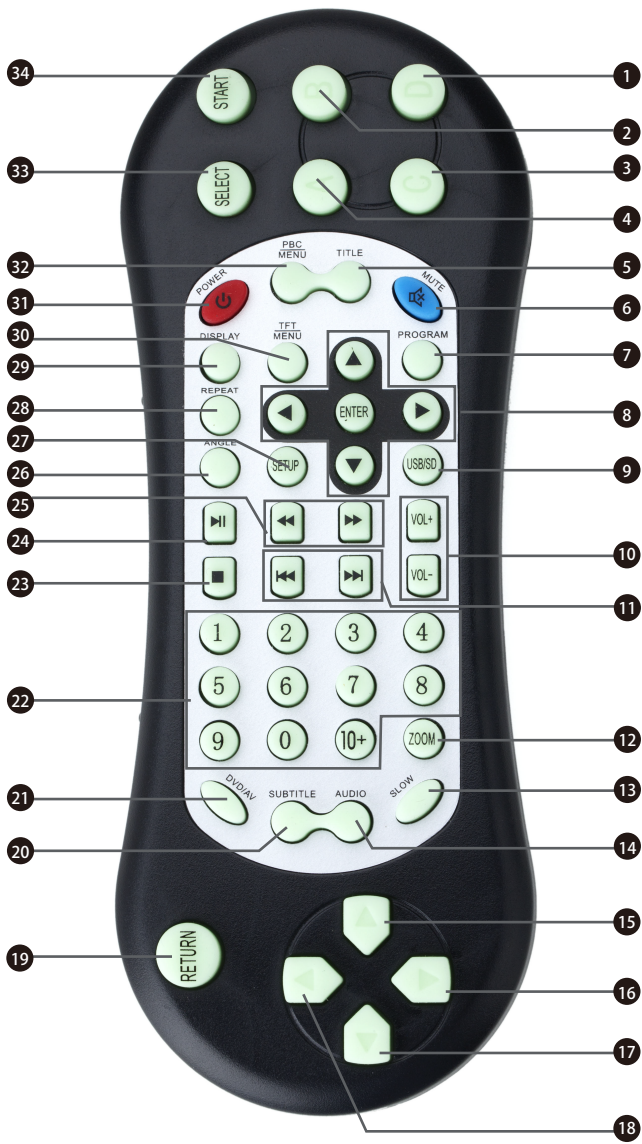
**13. DC input jack**

Use to connect DC 12V power supply.

**14. Disc loading drive**

Put in a disc to play.

# Remote control



**1. D button**

Action button in Game mode.

**2. B button**

Action button in Game mode.

**3. C button**

Action button in Game mode.

**4. A button**

Action button in Game mode.

**5. TITLE**

Press to display the title number during DVD playback.

**6. MUTE**

Press to mute. Press again to unmute.

**7. PROGRAM****8. Direction buttons**

Press to move in a specified direction.

**9. USB/SD**

Press to choose to play files in USD mode or in SD mode.

**10. VOL+/VOL-**

Press to turn the volume up or down.

**11. |◀◀ / ▶▶|**

Press to skip to the previous track/chapter or skip to the next track/chapter.

**12. ZOOM**

Press to zoom in during DVD playback.

**13. SLOW**

Press to slow down the playback speed.

**14. AUDIO**

Press to choose Left, Right or Stereo for the audio channel.

**15. Up direction button in Game mode****16. Right direction button in Game mode****17. Down direction button in Game mode****18. Left direction button in Game mode****19. RETURN**

Press to return to the previous menu.

**20. SUBTITLE**

Press to display the subtitle during DVD playback.

**21. DVD/AV**

Press to select DVD mode or AV mode.

**22. Number buttons**

Press to choose a track or a chapter by the track number or chapter number during DVD playback.

**23. ■**

Press to stop playback.

**24. ►||**

Press to pause or resume playback.

**25. ◀◀ / ▶▶**

Press to perform rewind or perform fast-forward.

**26. ANGLE**

Press to adjust the viewing angle during DVD playback.

**27. SETUP**

Press to display the setup menu.

**28. REPEAT**

Repeat play.

**29. DISPLAY**

Press to turn OSD (on-screen display) on or off.

**30. TFT MENU**

Press to display the menu.

**31. POWER**

Press to turn on or turn off the power.

**32. PBC MENU**

Press to display the DVD menu during DVD playback.

**33. SELECT****34. START**

Press to start playing games in Game mode.

**Using the remote control**

Point the remote control in the direction of the front panel to operate.

- The remote control may not function properly in direct sunlight.
- Do not store the remote control in high temperatures or direct sunlight.
- Do not let the remote control fall onto the floor, where it may become jammed under the brake or accelerator pedal.

## Playing a disc

You can play a normal music CD, Video-CD or DVD-Video using the built-in drive of this product.

Put in a disc with the label side up.

To take a disc out, stop playback first, and then open the disc loading drive.

## USB/SD

Plug a USB storage device into the USB port, or insert an SD memory card into the SD card slot, and then it will automatically switch to USB mode or SD mode.

Before removing the USB storage device or ejecting an SD memory card, stop playback.

## Using AV input and AV output

An external video source, video game system, or other audio/video devices can be connected to the AV input.

The product provides an AV output for optional video monitor(s). This output will provide the AV signals that duplicate the picture/audio being processed by the product to an additional monitor or video display.

## Listening over the vehicle's speakers

The product uses a wireless FM transmitter to send audio through the vehicle's speakers.

To listen over your speakers:

1. Make sure mute is off. Select FM mode on the screen, and then select a FM frequency as described below.



2. Turn on the car radio. Tune to the FM frequency displayed on the screen, such as FM 88.1.
3. If no audio is heard, try changing the FM transmitter frequency and re-tuning the radio to the new frequency.

The product saves the frequency you select, and returns to it each time the product is turned on. You may want to store the FM transmitter frequency as a preset of your radio for ease of use.

*Note: If there seems to be a strong station on the FM transmitter frequency, and you are hearing a radio station mixed in with the system audio, change the FM transmitter frequency. Avoid frequencies used by local radio stations.*

The external FM modulator frequencies are FM 87.7, 87.9, 88.1, 88.3, 88.5, 88.7, 88.9, 106.7, 107.1 and 107.5.

## Using the external wireless IR headset

A separately sold wireless IR headset is required for utilizing the IR transmitter function.

A dual channel wireless IR headset has a two-position slide switch labeled "A/B". When the switch is in the "A" position, the headset plays audio from the source designated as "IR A." When the switch is in the "B" position, the headset plays audio from the source designated as "IR B."

## Using an HDMI source

You can display the video image output by the device connected to this product. An appropriate HDMI cable or adapter (sold separately) is required for connection.

## **Appendix**

### **Troubleshooting**

If you have problems operating this product, please refer to this section. The most common problems are listed below, along with likely causes and solutions.

#### **No power**

- Car engine has not been started. Start the car engine.
- Incorrect wiring connection. Check the wiring.
- Fuse has been damaged. Replace fuse.

#### **No sound**

- Volume is too low. Adjust volume.
- Incorrect wiring connection. Check the wiring.

#### **Disc does not play**

- The disc is inserted upside down. Insert the disc with the label upward.
- The disc is dirty. Clean the disc.
- The disc is cracked or otherwise damaged. Insert a normal, round disc.
- The files on the discs are in an irregular file format. Check the file format.
- The disc format cannot be played back. Replace the disc.
- The loaded disc is a type this product cannot play. Check what type of disc it is.

#### **Image flashes or distorted**

- Video DVD settings do not match with the DVD. Adjust video DVD settings.
- Video connection is incorrect.

#### **Audio static through the vehicle's speakers**

- Set the FM transmitter to an alternate radio station. Then tune the radio to the newly selected station.

#### **The product resets when I start my vehicle**

- Ensure the car battery is fully charged and in good condition.
- Avoid using the product without running the engine.

## Handling and Care of Discs

- Use only conventional, fully circular discs. Do not use shaped discs.
- Do not use cracked, chipped, warped, or otherwise damaged discs as they may damage the built-in drive.
- Use 12-cm discs. Do not use 8-cm discs or an adapter for 8-cm discs.
- When using discs that can be printed on label surfaces, check the instructions and the warnings of the discs. Depending on the discs, inserting the ejecting may not be possible. Using such discs may result in damage to this equipment.
- Do not attach labels, write on or apply chemicals to the surface of the discs.
- Do not attach commercially available labels or other materials to the discs.
- To clean a disc, wipe it with a soft cloth, moving outward from the center.
- Condensation may temporarily impair the built-in drive's performance.
- Playback of discs may not be possible because of disc characteristics, disc format, recorded application, playback environment, storage conditions and so on.
- Road shocks may interrupt disc playback.
- Read the precautions for discs before using them.

## Playable Discs

DVD, SVCD, VCD, DVD-5, CD, CD-R, CD-RW, DVD-9, DVD-R, DVD-RW, DVD+R, and DVD+RW discs can be played on this built-in DVD drive.

**For installation and technical advice please visit [forum.xtrons.co.uk/](http://forum.xtrons.co.uk/)**



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