



Android

---- 4.2.2

**Audio, DVD and GPS Navigation with
Multi-touch capacitive screen**

----- English Operation Manual

Index

P1	1. Safety Precautions
P2	2. Product Introduction
P3	3. Front-Panel function
P4	4. Home page Operation
P5	5. DVD Operation
P6	6. Radio Operation
P7	7. Bluetooth Operation
P8	8. Video Operation
P9	9. Audio Operation

P10	10. DVR Operation
P11	11. File Management
P12	12. Software Installation
P13	13. Steering Wheel Control
P14	14. Network Connection
P15	15. System Settings
P16-P17	16. Troubleshooting
P18	17. Performance Index
P19-P21	18. Installation Requirement

Safety Precautions

1. The HuiFei product uses 12V of car power supply only(ground lead is needed). Please do not install the HuiFei product in a truck or bus, or it will be damaged.
2. Please do not watch TV or other Video while driving, if it is prohibited by State Laws.
3. You are not authorized to modify the power fuse without the guidance of professional staff, or it will damage the product or cause a fire.
4. For the sake of your own safety and to avoiding violating traffic rules, please don't watch video or operate the unit while driving to avoid a traffic accident.
5. For the safety and normal use of this product, it is highly recommended that the product is installed by professional staff or an authorized dealer. Please do not dismantle or repair the product by yourself to avoid additional damage or accident. For any detailed information, please consult with a local professional Car DVD dealer.
6. Do not place the product where it will suffer from moisture or water splashing, to avoid electric shock, damage, or even fire due to short circuits.
7. The rearview function (if installed) is only to be used for reversing assist. We assume no responsibility for any accidents that occur whilst you are reversing.

❖ **Notice: To avoid Short-circuits, please switch off your car and disconnect the battery before installation.**

Product Introduction

- ◆ CPU: RK3066 1.6GHz Cortex A9 Dual-core
- ◆ GPU: Mali-400MP4 Quad-core
- ◆ Storage memory: Samsung DDR3 1GB
- ◆ Ultrafast Android 4.2.2 Dual-core operating system
- ◆ Highly sensitive capacitive multi-touch screen.
- ◆ Super 8 GB of storage memory
- ◆ Built-in functions:
 - GPS Navigation, Wi-Fi , 3G, DVD player , Radio , Bluetooth , USB/SD etc.
- ◆ Supports the latest android 4.2.2 system with audio and video wireless transmission. Cellphones can be synchronized with the unit, allowing total hands-free operation.

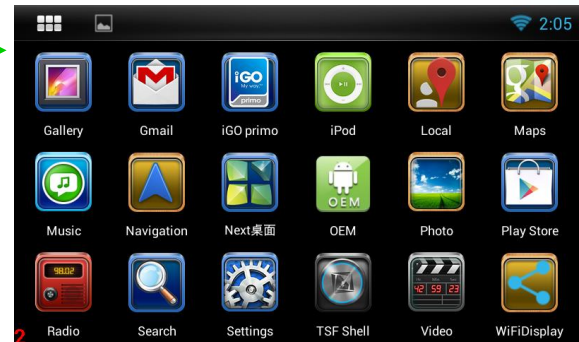
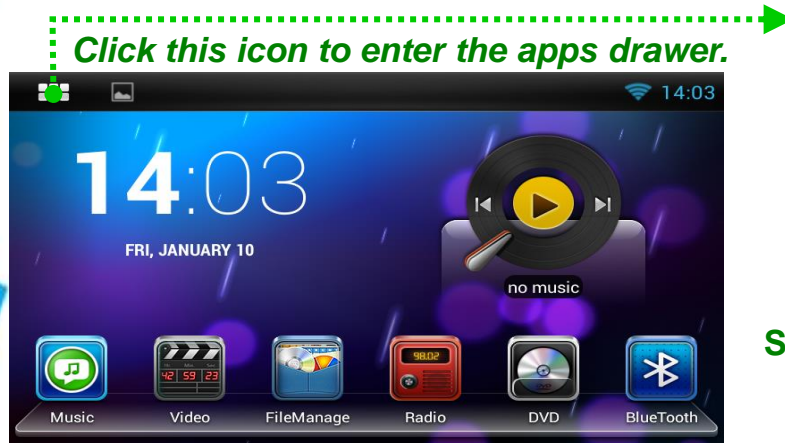


Front-Panel function

- MIC : Microphone
- DVD: Click to access the DVD interface
- GPS: Click to access the navigation interface
- BT: Click to access the Bluetooth interface
- SD Card Slot: Insert SD card for Map or for files
- EJECT: Click to quit the disc.
- Setup: Click to access the Setting interface.
- Rotary knob(POWER): Click to start up / Long press to power off /
Rotate to adjust volume
- Rotary knob(Tune): Rotate to tune radio frequencies

Home page Operation

A notification bar slides down from the top of the screen if you drag down the interface from the top.



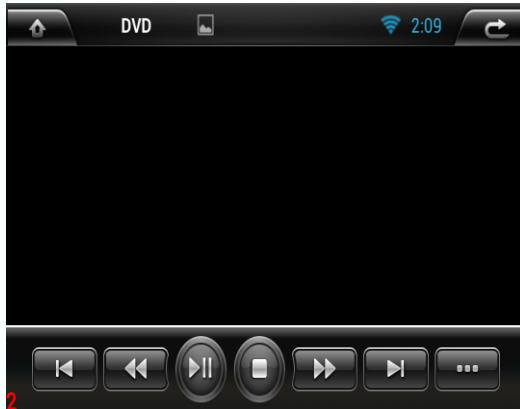
Swipe right to enter the next page



This multimedia system support below functions:
Disc, Radio, Bluetooth, Network, AV player, Navigation etc.
Enjoy each function when you press related icon.
Press "main menu" to get back to the main menu.

DVD Operation

In any interface, put the disc into the DVD slot gently, and it will turn on the DVD interface automatically; Our product supports DVD/VCD/CD/MP3 and other formats; touch the screen when the video is playing and it will pop up a controls menu.



DVD interface

Controls menu operation:

- 1.Previous 2.FR 3.Play/Pause 4.Play/stop 5.FF 6.Next
- 7.Caption switch:When there are several kinds of caption available for the disc,click this icon to switch the caption.
- 8.Language switch:When there are several kinds of language available, click this icon to switch the language.
- 9.Songs menu: Shown songs chapters & name.

10.Songs can be repeated from A to B

11.Composite key: Click it will pops up a orientation keyboard, double-click it will pops up a number keyboard.

Radio Operation

Click the radio icon in main menu, and you can access the radio interface. Radio is split into two band FM/AM (FM1-2-3;AM1-2); FM can store 18 valid radio station, AM can store 12 valid radio station.




Radio interface

- 1.Go back 0.1M when using manual search.
 - 2.Go back one radio station when using manual search.
 - 3.Search key: click it, then start auto search radio station, click it again, stop auto search.
 - 4.Go forward one radio station when using manual search.
 - 5.Go forward 0.1M when using manual search.
- ❖ **LOC: Open up the far short-range function.**
 - ❖ **ST: Switch stereo**

Bluetooth Operation


Enter the Bluetooth interface, find the product's Bluetooth name and password (such as: 0000), initiate Bluetooth function of the phone, and then search for the product's Bluetooth device, then pairing.

After pairing, click here to enter "phone interface"




BT interface

Play your mobile music in this interface through BT connection.

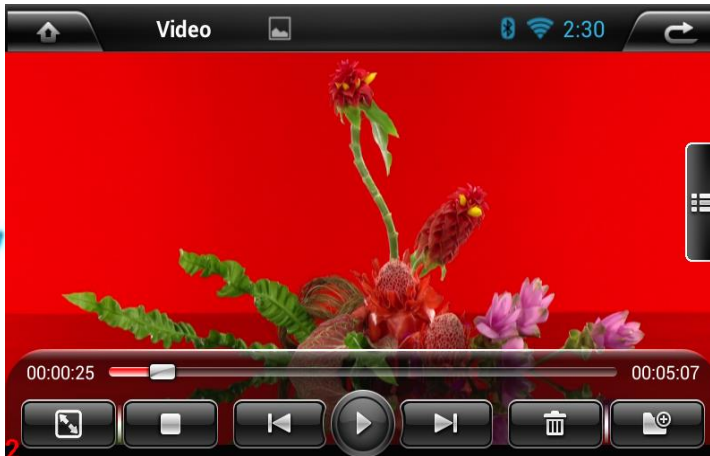


Delete the phone number
Get on the phone
Hang up the Phone
Phonebook
Call log
Switch the voice



Video Operation

Click the video icon to playback video files or SD/USB's video files;
Our product supports MP4,AVI and other familiar formats, and supports 1080P
HD video playback.

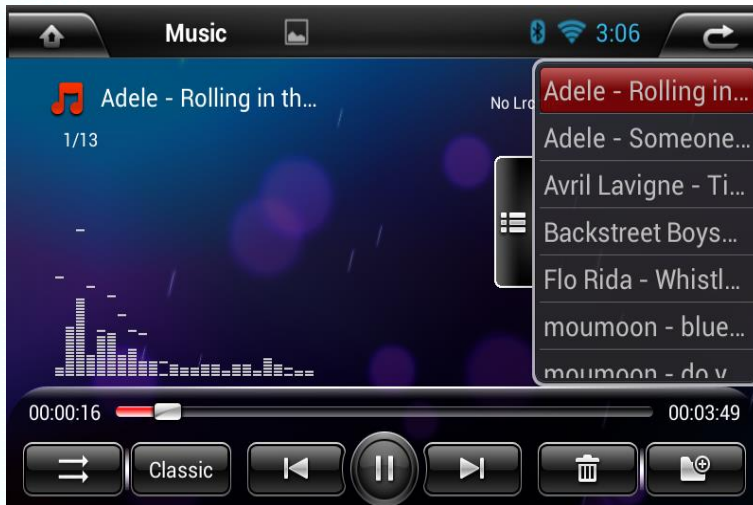


1. Full screen .
2. Stop
3. Previous
4. Play/pause
5. Next
6. Delete the selected video file in the playlist .
7. Add video file
8. Playlist

Video Interface

Audio Operation

**Click the music icon to playback the audio or SD/USB's audio files;
Our product supports MP3,WMA and other familiar format.**

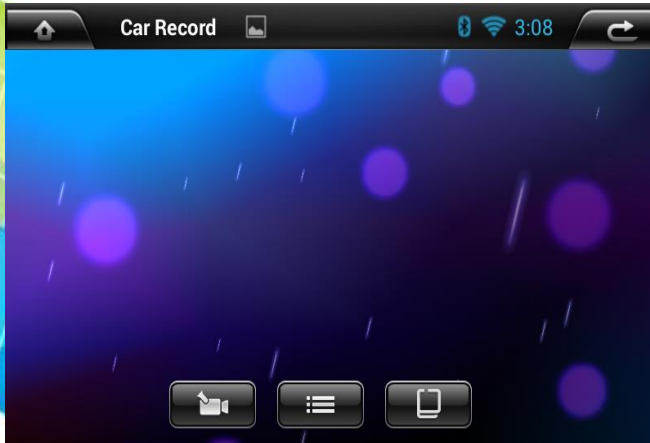


1. Choose play modes
2. Choose voice modes
3. Previous
4. Play/pause
5. Next
6. Delete the selected audio file in the playlist.
7. Add audio file
8. Playlist

Music interface

DVR Operation

Since the video files are stored in the sd card, the video file will be very large, so please use 8GB or bigger SD card, then it can store more video. (You can use any USB connector in our product to connect the DVR, our product will automatically detecting the DVR.)



DVR Interface

1. Start recording :
You can operate other background operations, it will autosave the video when it stops recording.
2. Recorded video list:
Show the time, longitude, latitude and speed on the left side of the playback interface.
3. Switch record video from multi-camera.

File Management

You can move files on external storage devices

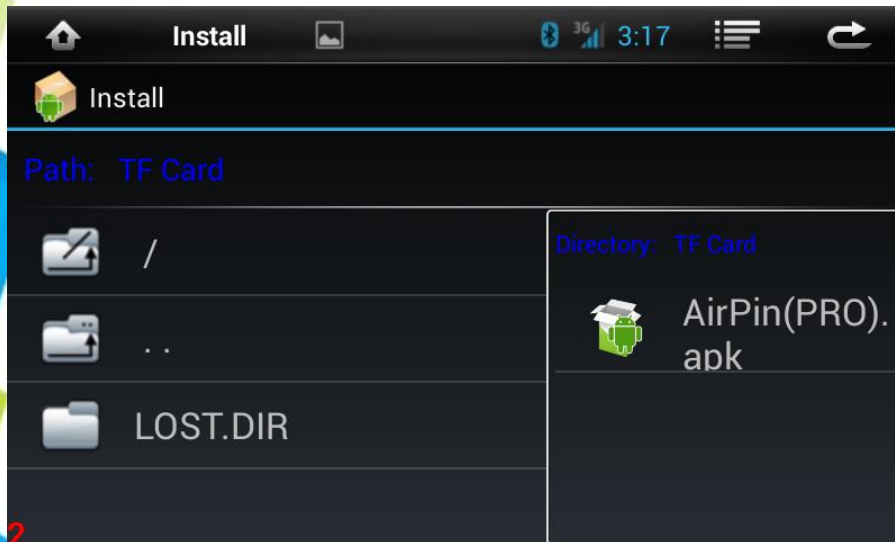


File Management

- 1. Select file button**
- 2. Copy the selected file**
- 3. Paste the copied file**
- 4. Delete the selected file**

Software Installation

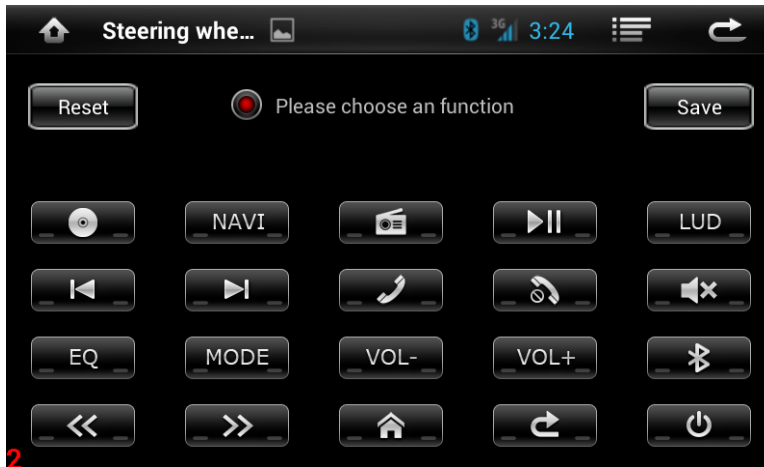
You can download applications by internet or connect with a PC. Save the application to your U disk or SD card, insert it into the card slot of HuiFei product. Find the application, then install it by long pressing the APK installation package.



software installation file

Steering Wheel Control

Enter the settings menu, select button operation. Reset the steering wheel first, then long press each button on the steering wheel, click related icon on the setting menu ; If the setting is successful, the related icon on the settings menu will be activated.



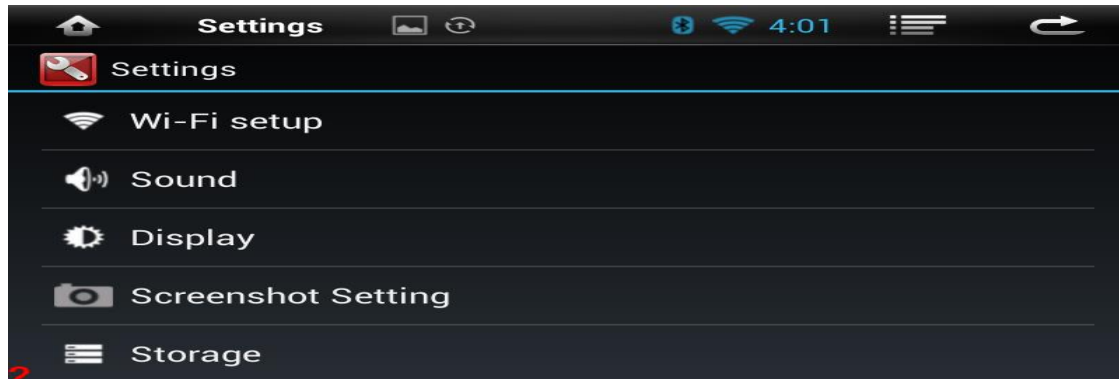
Steering Wheel Operation

Network Connection

- **WIFI connection:**

Click [settings icon] , Click [Wi-Fi setup].

After you open up the WIFI setting, the system will search and show the wireless network names by itself. You just need to select the name and enter the password.



System Settings

These are the items in the settings menu:

- 1) WIFI settings Wireless & Networking
- 2) Sound settings: Supports different kinds of notification ring-tones.
- 3) Display settings: Support to adjust the luminance and dynamics of the screen.
- 4) Storage settings: Check the memory of the SD card and uninstall the SD card.
- 5) Application management: Check on the running apps, resource allocation, unloading and installation management of the software.
- 6) Security settings: Restore to factory default settings.
- 7) Language and keyboard settings: Choose the language and input method.
- 8) Date and Time settings: Setting time-zone, Date and format.
- 9) Tips of front-panel button: Hotkeys operation of front-panel button.

Troubleshooting

If the product has the following failures, try to deal with the problem by using the below solutions. If it still doesn't work properly, please get in contact with a maintenance center which is authorized, instead of trying to dismantle the product by yourself.

Note: It is possible to reset the unit by pressing the small rst button located behind the left SD card cover.

◆ No image, No sound, No indicator lights :

1. Check whether the power control has been opened
2. Check whether the power wire is damaged or the fuse blown.
3. Check the connection of power socket and power plug

◆ Only image without voice:

1. Check whether the connection of Audio output and the Audio output of monitor is correct.
2. Check whether the Audio connector is damaged.
3. Check whether the volume has been turned off or muted.

◆ Only voice without image:

1. Check whether the connection of video output and the video output of monitor is correct.
2. Check whether the video connector is damaged.
3. Check whether the mode of Video output setting is correct.

Troubleshooting

◆ If there is a defect when play video or audio:

1. Check whether the video setting in the menu is correct or there are scratches or dirt on the disc.
2. Check whether the mounting angle of the product is lower than 30 degree.
3. Display no discs or discs error.
4. Check whether there is a disc playing .
5. Check whether the disc is playing with an upward label surface.
6. Check whether the disc is deformed.
7. Check whether the disc playing is scratched or dirty.
8. Check whether the temperature inside is too high, if so, wait until the product cools down.

◆ Remote control works abnormally:

1. Check whether the battery level of the remote control is sufficient.
2. Make sure the remote is pointing at the product.

◆ Failure of each Function key:

Power off , then power on again.

◆ Received no channel:

Check whether the antenna has a good connection, or search the channel manually.

Performance Index

Normal parameters:

Power Voltage ---- 13.8V DC
Power output ---- 4CH x 45W

Hardware parameters:

File formate ---- DVD/VCD/CD/MP4/AVI/MP3/WMA/JPG/BMP
Video system ---- 24BIT/ 96KHZ
DISC in system ---- automatic/manual

Video parameters:

Analogous output ---- 2.0Vrms
Frequency Response ---- 20Hz- 20KHZ
SNR ---- 70DB
Degree of Separation ---- 60DB

Audio parameters:

Frequency Response ---- 42HZ - 20KHZ
SNR ---- 70DB
Degree of Separation ---- 60DB

Installation Requirements

Unit Installation requirement:

1. For the sake of safety and proper use of this product, it is highly recommended that the HuiFei product is installed by professional staff or an authorized dealer. Please do not dismantle or repair the product by yourself, to avoid additional damage or accident.
2. The installer should remove all the metal or other hard objects , to avoid the seat or Interior trim of the car being damaged when installing the product.
3. Start the engine before you install the product, then check the display of the auto dashboard. After that, check all the buttons in the car. Also check if there are any scratches outside or inside the car surface. If so , you should notify the client immediately.

Installation Requirements

4. Put the components away when installing, to avoid interior trim being damaged. To avoid short circuit, any joints must be done well and insulated.
5. To prevent damaging Active components when in the process of connecting wires **(such as the steering wheel, throttle and brake pedal etc.)**. keep the connection wires safe **(such as GPS antenna, cassette mechanism wire, reverse wire etc.)**.
6. Do not connect the wires or accessories when in the boot-up state, to avoid the host computer and accessories being damaged.
7. Put car into reverse gear after installing a rear view camera.

Installation Requirements

Requirement to install GPS Antenna:

1. Separate the GPS Antenna and Power wire when connecting. For testing, place the GPS Antenna on the passenger seat.
2. After installation is complete check the GPS positioning and signal reception etc.

Thank you

**We wish for you to enjoy
your life & have a safe
trip !**



Pictures and information are for reference only.