Product Operating Manual

Instruction manual

*Some functions or setting items may different due to different machine versions.

【Main interface】

Description of "press" on the icons

① "Press" to ...google Map   ④ "Press" to...bluetooth

② "Press" to...radio   ⑤ "Press" to...video play

③ "Press" to...music play   ⑥ "Press" to...settings
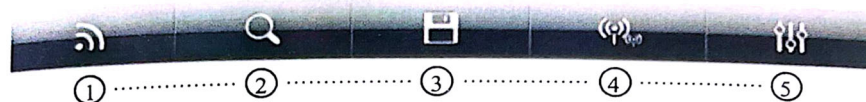
• Description of status bar icons

① If this icon is highlighted on the top status bar of main interface,it indicates that Bluetooth has been connected successfully .

② If this icon is highlighted on the top status bar of main interface,the car is completely muted.

③ If this icon is highlighted on the top status bar of main interface, it indicates that the wireless network has been connected successfully .

④ If this icon is highlighted on the top status bar of main interface,it indicates that Bluetooth network has been connected successfully.

Other operating instructions

1、 In any interface, it can slide out the drop-down menu by sliding down from the top of the display. In the drop-down menu, it shows system notification information, adjust the display brightness, adjust the volume, open the settings, open the wireless network connection, etc.

2、 Long press the main interface application icon to move apps or delete the app.

【Radio】

• Description of "press" on the icons

① FM/AM."Press" to switch band FM/AM.
② "Press" to search for stations automatically.
③ "Press ' to enter the automatically searching station and reserving status, the found station will be automatically reserved in the preset station list, "press" it again to stop during the searching; long press 2 seconds to scan the preset reserved station list.
④ "Press" to select a local or remote station.
⑤ "Press" to set the audio effect.

FM-2 87.50 MHz

⑥ Long press for 2 seconds to searching stations by upward , if one station is found will stop searching automatically, "press" icon to fine-tune by upward.
⑦ Long press for 2 seconds to searching stations by downward , if one station is found will stop searching automatically, "press" icon to fine-tune by downward.

Other operating instructions
Slide the frequency bar directly to where you need.

【Music】

• Description of "press" on the icons

① Enter music main list.
② Enter the local music list, "press" to play local music.
③ Enter the USB disk music list, "press" to play USB disk music.
④ Enter the favorites list, "press" to play the collected music.
⑤ "Press" to enter the sound effect settings.

⑥ "Press" to switch to the previous song.
⑦ " Press" to play or pause music.
⑧ "Press" to switch to the next song.
⑨ The current play mode is list loop, "press" to switch to single loop / shuffle mode.

≡+ —— "Press" to bookmark the current song.
≡✓ —— "Press" to cancel the current song.
🗑 —— "Press" to delete the current song.

Other operating instructions
1、Enter the song list, long press the song name to delete the song
2、Slide the progress bar to the specified play node during music is playing

【Video】

• Description of "press" on the icons
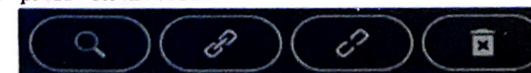

① "Press" to switch to the previous video.
② "Press" to play or pause video.
③ "Press" to switch to the next video.
④ The current play mode is list loop, "press" to switch to single loop / shuffle mode.
⑤ "Press" to enter the video list, "press" to play the video in the local disk/USB disk.

Other operating instructions
Slide the progress bar to the specified play node during video is playing

【Bluetooth】

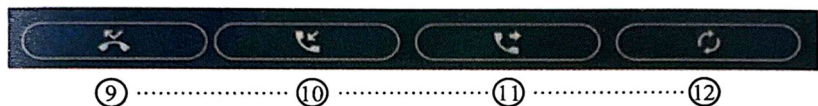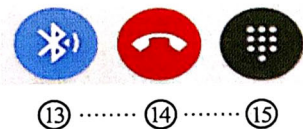• Description of "press" on the icons

① "Press" to search Bluetooth devices.
② "Press" to connect the currently selected Bluetooth device.
③ "Press" to disconnect the currently Bluetooth device.
④ "Press" to delete a paired device.

⑤ "Press" to enter the Bluetooth digital dialing interface.
⑥ "Press" to enter the phone book interface, and "press" to synchronize the phone book.
⑦ "Press" to enter the call log interface.
⑧ "Press" to enter the Bluetooth connection status interface, which can display the current connection status of Bluetooth audio/network of vehicle.

⑨ Missed call record,"press" to synchronically update the record to the in-vehicle infotainment terminal.
⑩ Incoming call record,"press" to synchronically update the record to the in-vehicle infotainment terminal.
⑪ dialing record,"press" to synchronically update the record to the in-vehicle infotainment terminal.
⑫ "Press" to synchronically update the phone book to the in-vehicle infotainment terminal.

⑬ The current call trough the vehicle end, "press" to switch to the mobile phone,
   " press" again back to vehicle end.
⑭ "Press" to hang up.
⑮ "Press" to enter the bluetooth digital dialing interface.

Operation instructions of connecting mobile phone to share bluetooth network as below

a . Operation instructions of connecting for Apple.
Enter"settings"interface--"Personal hotspot","press" to icon to turn on

b. Operation instructions of connecting for Android phone
Enter"settings"interface--press"Wireless and Network"--press"Mobile network sharing / more connections"--press"Bluetooth network sharing" to turn on.

【Bluetooth music】

The mobile phone is requested to connect to the vehicle's Bluetooth.
• **Description of "press" on the icons**

① "Press" to switch to the previous song.
② "Press" to play or pause music.
③ "Press" to switch to the next song.

【Sound effect】

"Press" to select different preset sound effect

① "Press" to enter Equalizer,user mode can define the adjustment band.
② "Press" the "Sound field",customizable adjustment of subwoofer, surround sound, etc.
③ "Press" the "Default" to reset the sound effect setting parameter to the default state.

【Easyconnection】

"Press" to enter easyconnection,the mobile phone can be connected to the in-vehicle infotainment device through Android USB, Android Wi-Fi and iPhone Wi-Fi.

【Settings】

1.Network & Internet
a.WLAN: "Press" the button on the right of the WLAN to turn on the WLAN. After turning on the WLAN, if there is a Wi-Fi network available around device, it can searched in the list, "press" the name of the WLAN need to connect, and enter the password to connect.

b.**Traffic usage**: View all Internet-enabled app traffic usage.

2.**Vehicle setting**: It can be used for steering wheel control learning, reverse auxiliary line switch setting, etc.check "Car Settings" for details.

3. **System**

a.Language and Input.

b. Date and time: it can select GPS or network to automatically determine the time and date. it allows to customize the setting date, time, time zone and time display format.

c. Reset option: can be restored to factory settings.

d. About the device:check the system software version, MCU software version, android version, model, etc.

【Car Settings】

1.**Rear view camera**: The default setting is "Normal". If the rear view as a mirror image, click this setting item to select "Mirror".

2.**SWC type**: The default setting is "dedicated". When using the learning wheel buttons, "press" this setting item to select "learning", then "press" to enter the SWC setting interface to learn the steering wheel button. please refer to the special introduction of SWC learning to get more details.

3.**Floating ball**: The default setting is off. "Press" the check box to choose this function. By "press"ping the floating ball, it can control to increase for decrease the volume, return, and enter the task manager,etc.

4.**Headlight detection on/off**: The default setting is on. When you turn on the headlights, the touch panel button will light up and the screen brightness will decrease; "press" uncheck to turn off this function.

5.**Watch the video during driving**: the default setting is on, "press" to uncheck it to turn off this function, then you will not be able to watch the video during driving.

6.**Reversing auxiliary line on/off**: The default setting is off. "press" the check box to turn on this function. then the distance guide will appear on the reversing screen.

7.**Dynamic reversing auxiliary line on/off**: The default setting is on, "press" uncheck to turn off this function. (This function needs to be supported by the original CAN).

8.**Set the associated navigation program**: the default navigation software is Amap, and other maps can be selected as the default navigation software.

9.**Screen saver**: can set the entry screen saver time.

10.**Screen saver style**: set "digital clock", "analog clock", "dynamic screen saver" according to your personal preferences.

11.**Wallpaper settings**: choose to set the wallpaper.

12.**Brightness**: adjust screen brightness.

13.**Media volume when there is navigation sound**: Adjust the volume of the mix when - navigating.

14.**Whether there is media sound in reversing**: the volume of the media sound can be adjusted during reversing.

15.**Media volume**: adjust the volume of media such as radio, music, video, etc.

16.**Bluetooth call volume**: adjust the volume of the Bluetooth call.

17.**Ringtone**: Adjust the volume of the Bluetooth incoming call.

18.**Factory settings**: Professional operation options.

【SWC learning】

SWC learning steps as below:

1.Enter the SWC learning interface, select a button to learn, and the interface will pop up a prompt box.

2.Pressing the button of multi-function steering wheel which need to be associated with, when learning is finished, the screen prompt will automatically close.

Repeat 1/2 steps till all control buttons on the steering wheel have been learned.

Remark:

①The SWC learning supports 3 different pull-up resistors, which are 1K, 10K, 20K .

②"Press" the "Reset" button will clear the learned button.

③After reset to the factory settings, it needs to relearn the steering wheel button.

Condition of this function：

①Apply to multi-function steering wheel which is non-CAN control.

②The original car steering wheel button needs to be the voltage input control mode.

⚠ In no professional guidance, not to replace the power fuse, use only a fuse of the improper, can cause the damage of the machine and cause a fire.

🚫 In order to avoid the violation of traffic rules, the driver shall not watching while driving and operating the machine, lest produce unnecessary accidents.

🚫 For safety and ensure that the product normal use, please to the professional of this product installation, disassembly or repair the machine by youself, lest cause the machine damage and accidents, for details please contact with the local professional car audio store.

🚫 Please prevent this product in a humid environment and the water, in order to avoid short circuit caused by electric shock, or other unnecessary damage and fire happened.

Note: In order to prevent it short out, before the installation, please remember that the car stall and breaking the ACC connected to B+.
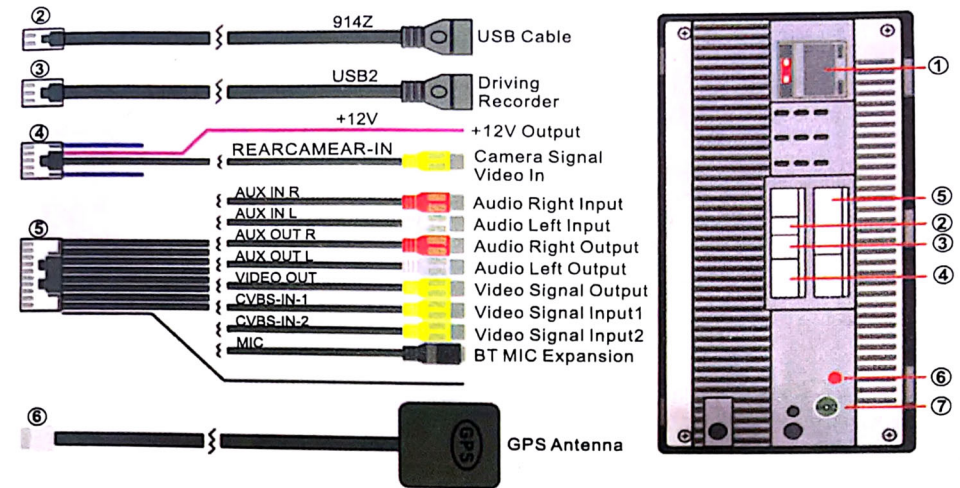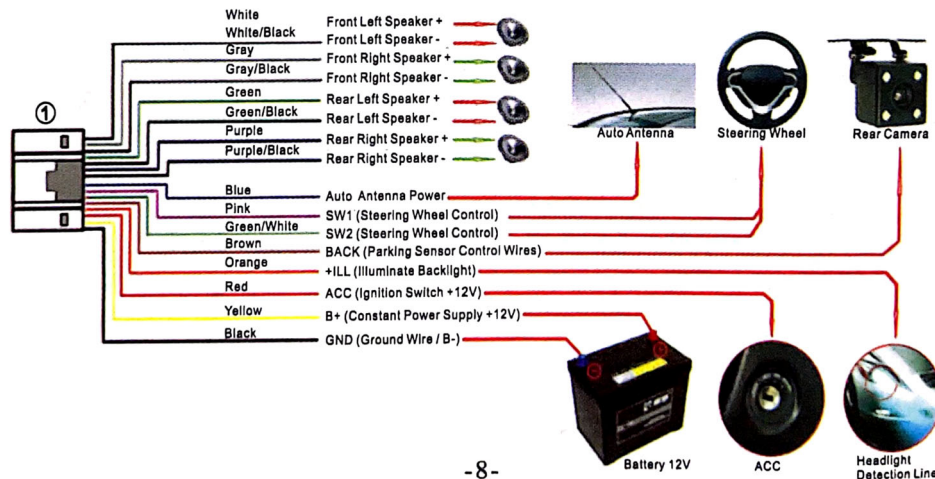
Machine reset

1. The first use of the system before or after the replacement battery, the machine must be reset.
2. When the machine function is not normal, the machine must be reset.
3. Click restore factory settings in system settings interface, make the machine is in the initial state.
4. Use a pointed object, press the RESET button on the panel, or click the system RESET in the system settings, the machine will be RESET to turn it off, back to the factory the initial state.

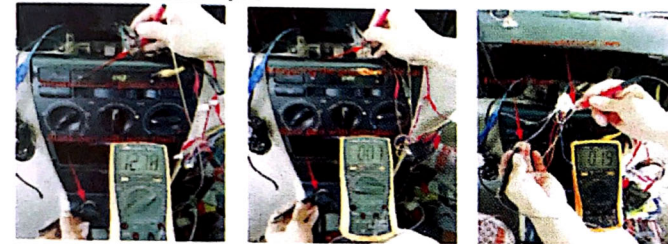*Note: press the RESET button and the system initialization will lose time and set the value before.*

INSTALLATION

[Power Cable Definition]

White — Front Left Speaker +
White/Black — Front Left Speaker -
Gray — Front Right Speaker +
Gray/Black — Front Right Speaker -
Green — Rear Left Speaker +
Green/Black — Rear Left Speaker -
Purple — Rear Right Speaker +
Purple/Black — Rear Right Speaker -
Blue — Auto Antenna Power
Pink — SW1 (Steering Wheel Control)
Green/White — SW2 (Steering Wheel Control)
Brown — BACK (Parking Sensor Control Wires)
Orange — +ILL (Illuminate Backlight)
Red — ACC (Ignition Switch +12V)
Yellow — B+ (Constant Power Supply +12V)
Black — GND (Ground Wire / B-)

Auto Antenna   Steering Wheel   Rear Camera
Battery 12V   ACC   Headlight Detection Line

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② 914Z — USB Cable
③ USB2 — Driving Recorder
+12V — +12V Output
④ REARCAMEAR-IN — Camera Signal Video In
⑤ AUX IN R — Audio Right Input
AUX IN L — Audio Left Input
AUX OUT R — Audio Right Output
AUX OUT L — Audio Left Output
VIDEO OUT — Video Signal Output
CVBS-IN-1 — Video Signal Input1
CVBS-IN-2 — Video Signal Input2
MIC — BT MIC Expansion
⑥ GPS — GPS Antenna

⑦ Use the original radio antenna on the car.

Installation steps

Picture 1   Picture 2   Picture 3

1. How to find the power cord of the car ?

First turn the car key to the ACC state. Then regulate the Universal Watch to the 20V gear. Connect the black stylus to the power ground (the outer ironclad of the cigar lighter) and use the red stylus to test each wire of the car. Normally a car has two wires about 12V(some cars only have one). That is the positive pole line. How to distinguish the ACC and memory line? Pull out the car key after you find the two positive pole lines. The memory line is the electrically charged one after you nuplug the key. *(Look the Picture 1)

2. How to find the ground wire of the car (negative pole)?

Turn the Universal Watch to the on/off beep gear. Then connect the black stylus to the power ground (the outer ironclad of the cigar lighter) and use the red stylus to test each wire except the two power lines. The energized one is the ground wire(negative pole). Some cars have two ground wires. * (Look the Picture 2)

3. How to find the horn line of the car?

Turn the Universal Watch to the on/off beep gear. Connect the black stylus to any wire except the power cord and ground wire. Then use the red stylus to test each remaining wire. The energized one is the horn wire. Then use the same method to find out the other horn lines. *(Look the Picture 3)

4. How to test whether the unit work properly?

When you get the unit, you'd better test the unit with battery or power supply before installation. Wire connection method: Twist the red wire and yellow wire together and then connect them to the positive pole. Connect the black wire to the negative pole. Then press the switch to turn on the unit and get a horn to connect to the horn wire. (Two wires connected to the horn are of the same color. The white wire is supposed to be connected to the positive pole and the white one with black part connected to the negative pole of the horn. You can make no distinction between the positive and negative poles of the horn.) Then test the function of the unit.

5. How to connect Bluetooth?

Turn on the uint and initiate Bluetooth function of phone, and then search for the user name of the unit. Click the connect button and the phone will show it is connected. If you want to play music with Bluetooth, press the function transition button to switch to Bluetooth mode and then click songs on your phone. You can also dial numbers on your phone to make a phone call with Bluetooth.

6. How to fix the unit ?

Since each car has a different way of fixing the unit and the location of the screws are different, there is no defined way to fix the unit. You may consult the fixing method of the original unit. If it was fixed by tightening screws with the steel angle, you can unload the steel angle of the original unit to both sides of our unit, then use the electrician tape to tight the steel angle (since screw hole size is probably unmatched). If the original unit was fixed with iron frame, you can fix the iron frame of our unit in the car first, and then push the unit to fasten it. If the size is not fit, you can wrap the unit with electrician tape to increase the volume of the unit, and then put it in and fasten it. Or you can think of a better way to fix it, but anyway, you can fix it.

7. How to install the navigation antenna ?

First you should tighten the screws of the navigation antenna and the unit. Then you must fix the navigation antenna module in a place that has sunlight or on the windshieled. (That's very important because poor installation will affect navigation signals.)
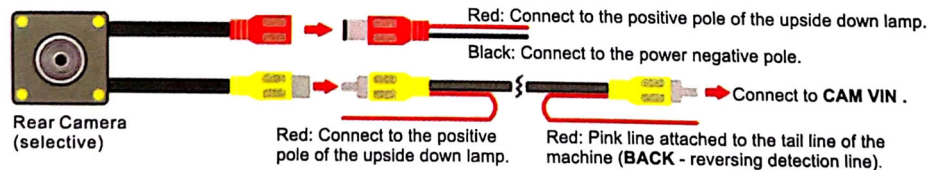
8. The default factory mode password
Factory mode password : 8888
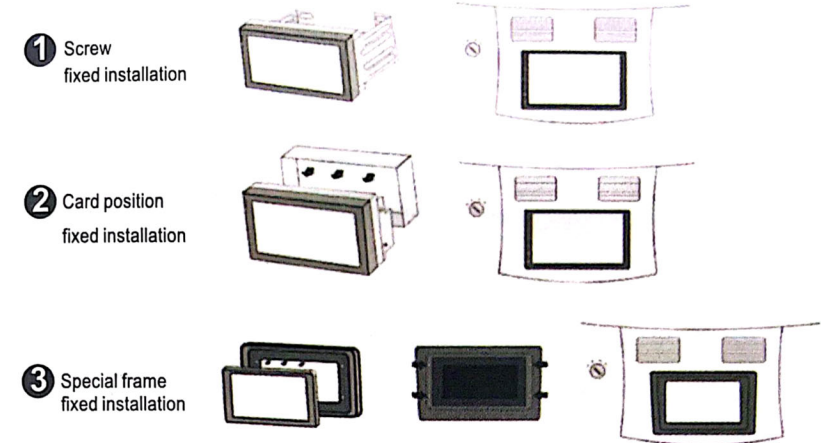
9. The default Bluetooth Pin Code
Bluetooth Pin Code : 0000

SCHEMATIC DIAGRAM OF REVERSING CAMERA WIRING

Red: Connect to the positive pole of the upside down lamp.

Black: Connect to the power negative pole.

Connect to **CAM VIN** .

Rear Camera (selective)

Red: Connect to the positive pole of the upside down lamp.

Red: Pink line attached to the tail line of the machine (**BACK** - reversing detection line).

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car stereo is proper functioning.

【Installation】

1 Screw
fixed installation

2 Card position
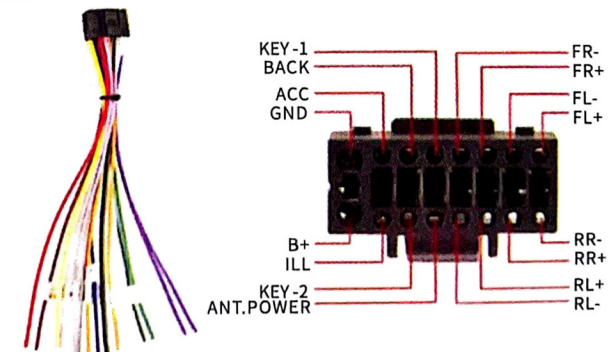fixed installation

3 Special frame
fixed installation

As shown in the figure above, there are three ways to install the machine, please choose one of them according to the actual situation.Of course, you can also re-install the new radio according to the installation method of the original car radio.
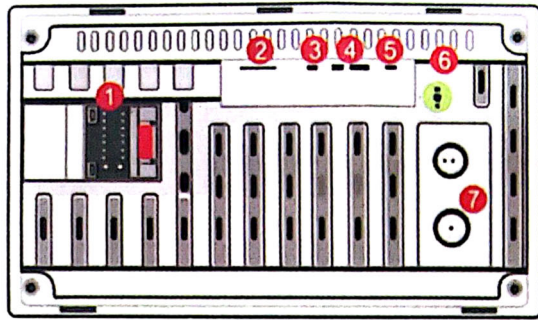
【Wiring】
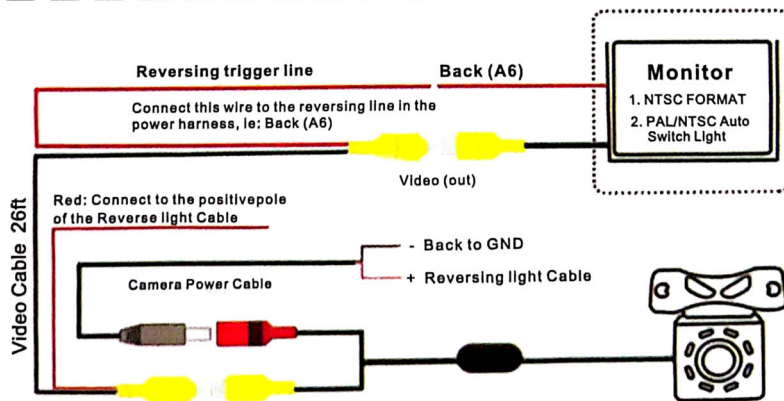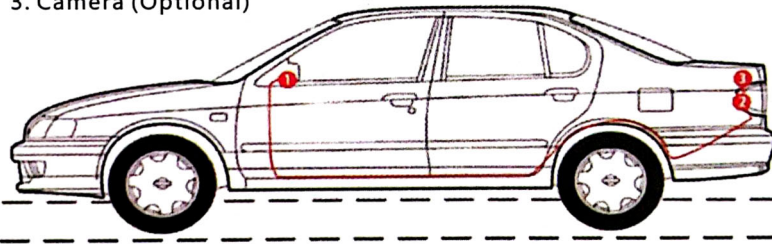(Note: The picture is for reference only, please refer to the actual product！)

1.Harness

KEY-1 BACK	FR- FR+
ACC GND	FL- FL+
B+ ILL	RR- RR+
KEY-2 ANT.POWER	RL+ RL-

2.Back interface diagram

1、Power Cable

2、RCA Input/Output

3、8pin BREAK1. BACK_CVBSIFI/BT

4、2USB Cable

5、Camera Input

6、Radio antenna
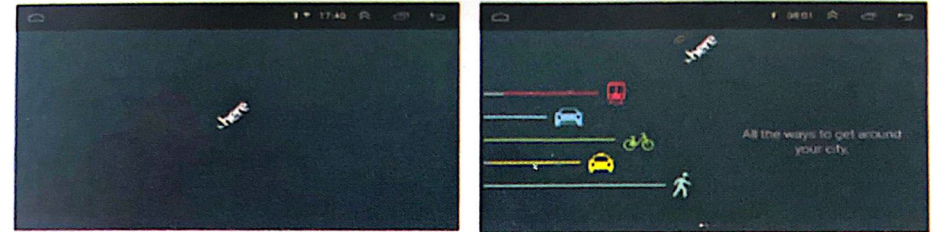
7、GPS Antenna

3.Rear view camera wiring (Optional)

1.Monitor (Not Included in the Package)
2.Camera Power Source
3. Camera (Optional)

Reversing trigger line

Connect this wire to the reversing line in the power harness, ie: Back (A6)

Back (A6)

Video (out)

Monitor
1. NTSC FORMAT
2. PAL/NTSC Auto Switch Light

Video Cable 26ft

Red: Connect to the positivepole of the Reverse light Cable

− Back to GND
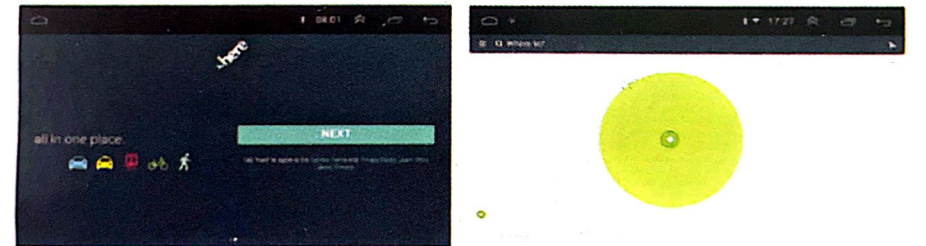
+ Reversing light Cable

Camera Power Cable

Offline Map Operation Guide

Thank you for purchasing our android car navigation device. In order to use the offline function of the device, please follow below steps for setup.
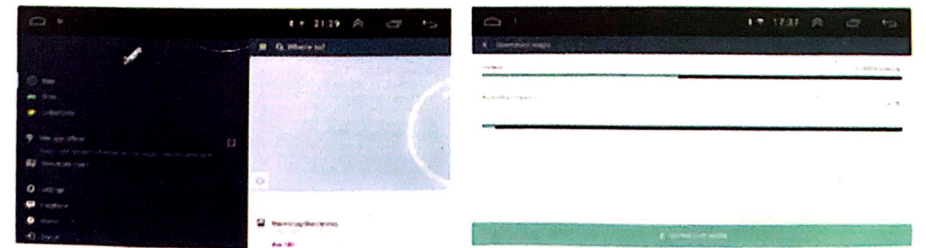
1. Power on the unit and connect the device to internet by Wifi.

2. Find the APP named Here in the main menu.

3. Follo wthe tips of the app to the main map page and find the option menu

4. Click"Useappoffline" and download your preferred map data in the country list.

FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.