








# Content

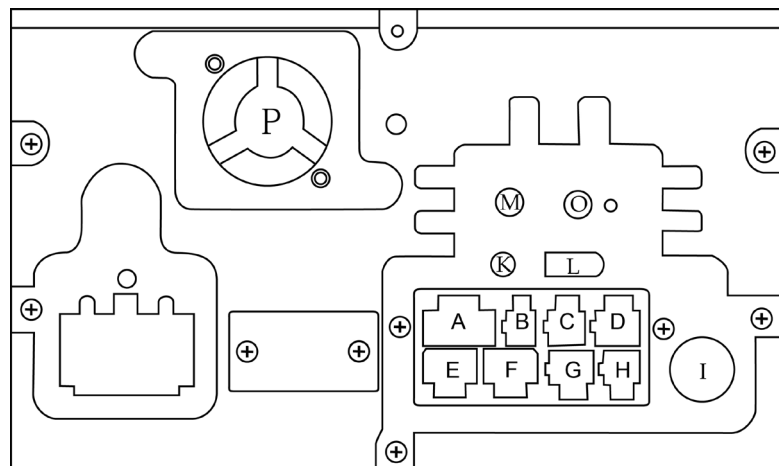
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## SAFETY PRECAUTION

You are recommended to read all the instructions carefully before installation and have it installed by a professional dealer of audio devices.

	This machine is applicable to vehicle power system of 12V-14V (connected with earth wire). Do not install machine in truck or bus with 24V power system, which may cause damage to this product.
	Please use genuine disc rather than non-standard or poor-quality discs, or else it may cause machine failure or affect DVD driver service life.
	Do not replace the power fuse or use inappropriate fuse without the guidance of professional. Or else it may cause damage to this product or trigger fire alarm.
	For fear of violating traffic regulation. Drivers are forbidden to watch program and operate this product to avoid traffic accident.
	For fear of short circuit, please remember to turn off the engine and disconnect ACC from B+ before installation. Do not install or unplug wires with power connected, or it may cause safety danger.
	The reversing camera function is for parking assistance only, please watch out surround of the car while reversing car instead of rely on it.
	Avoid water or other liquids coming into this product. Prevent this product from touching chemicals for a long time and prevent fire or other hazards, otherwise this product may be damaged.
	Do not use this product in the temperature lower than -15°C or higher than 60°C. Those are non working temperature.

## Wiring Definition



DVD PLAYER  
MADE IN CHINA

FC CE


4-8 Ω

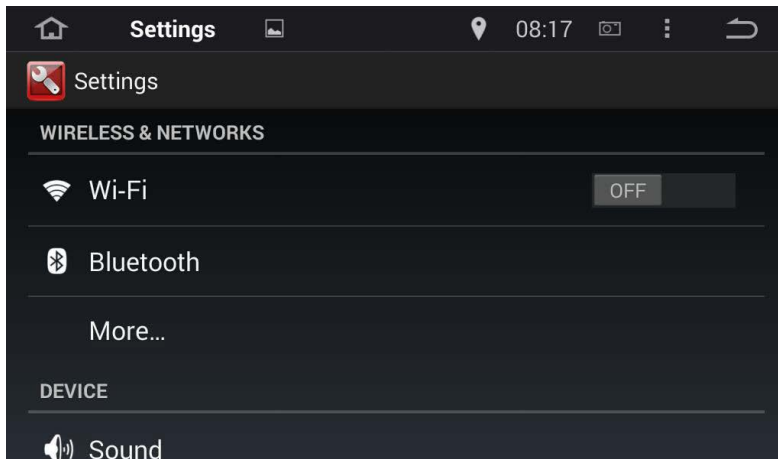
RISK OF ELECTRIC SHOCK DO NOT OPEN  
**CAUTION**

Wire No.	Function	Color	Wire No.	Function	Color	Plug No.	Function
1	Reverse-In	Orange/Black	11	Brake-In	Pink	A	Audio/ Video Output
2	N/C		12	N/C		B	N/C
3	Illumination	Orange	13	ACC+	Red	C	N/C
4	KEY1	Brown	14	SWC-GND	Black	D	AUX Input
5	KEY2	Brown/Black	15	GND	Black	E	N/C
6	ANT-CON	Blue	16	BATT+	Bold Black	F	3G/USB Input
7	RR+	Purple	17	RR-	Purple/ Black	G	iPod Input
8	FR+	Grey	18	FR-	Grey/Black	H	CAM-In
9	FL+	White	19	FL-	White/ Black	I, K, L, M, O, P are N/C	
10	RL+	Green	20	RL-	Green/ Black		

# Internet Connection

## WiFi Connecting


Click the Setting icon and enter the Wi-Fi setup, drag the “OFF” icon to turn on the wireless network, and all available wireless networks will then appear, then click your wireless network for connection. In case the wireless network requires no password, click on the “Connect” and begin to connect; if the wireless network requires a password, please enter a password first, and then click “Connect” to start the connection. If the wireless network has been successfully connected before, the information will then be stored and will automatically connect. After the successful connection of machine, the status bar at the top of screen will show a wireless network icon .



## 3G Connecting(Optional)

The item support 3G internet, but you need to buy USB WCDMA 3G dongle and WCDMA Internet SIM card to make this function work. The item can support the following listed WCDMA 3G dongle to work at the moment.


No.	Vendor	Part No.	Type	Interface
1	Huawei	E1820	WCDMA	USB dongle
2		E1782	WCDMA	USB dongle
3		E1750	WCDMA	USB dongle
4		E230	WCDMA	USB dongle
5		E1550	WCDMA	USB dongle
6		E180	WCDMA	USB dongle

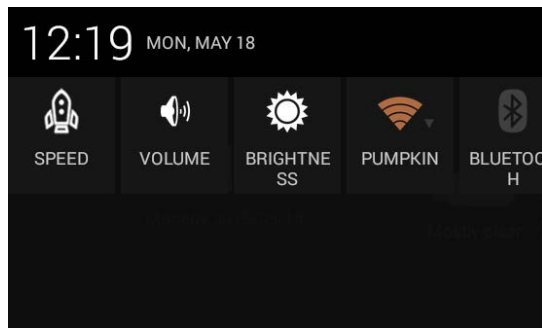
First, insert a WCDMA internet SIM card, 3G bandwidth only, not support 4G, into the 3G dongle. And then you plug the 3G dongle to the 3G/USB port of the unit at rear. Then turn on the power and wait for around 30 seconds, until it shows the signal icon  and shows get Signal.

## Portable Hotspot

When 3G network connection is OK, open the “Portable WiFi hotspot” and you can set the network SSID, security and password in “Set Wi-Fi hotspot”, and save it after setting completion. Other wireless devices also can connect to the network via machine’s Wi-Fi hotspot at this time.

## Main Interface

With the Capacitance Sensitive Touchscreen, you can easily touch and drag to operate. In the main interface, you may touch the icon  to view all applications. Click on the icon of any application and keep about 3 seconds, then you can drag the application icon to the main screen interface as shortcut icon.

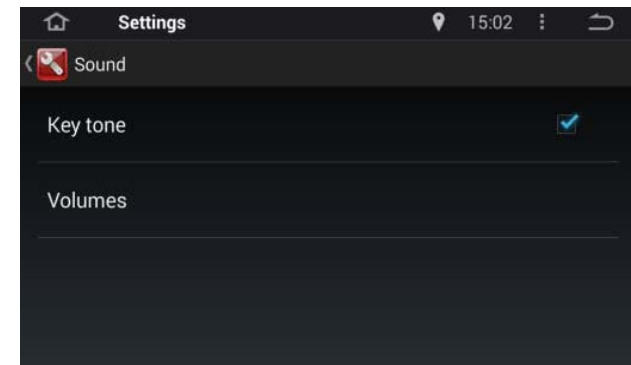


## System Setting

### Sound

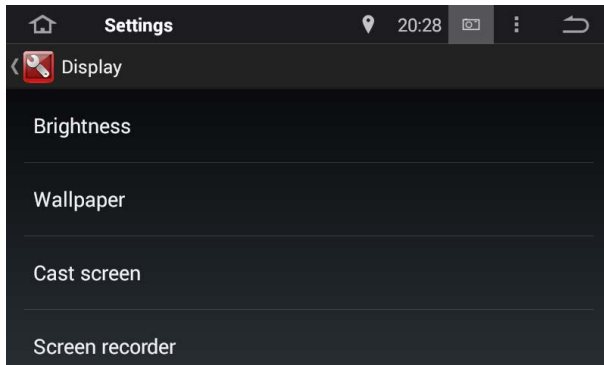
This is for whole device's volume output setting, in this menu, you can also use tick to select or cancel the keypad beep tones.

- ❖ The main interface weather widget will become the music player when you playing music and pressing Home key to return to the homepage.
- ❖ When playing radio and press Home key to return to the homepage, the widget will become the radio controller for radio station changes.
- ❖ When playing Bluetooth music function and press Home key to return to the homepage, the widget will become the Bluetooth music play controller.
- ❖ When playing iPod function and press Home key to return to the homepage, the widget will become the iPod play controller.



## Display

- ❖ Brightness for LCD screen brightness adjust.
- ❖ Wallpaper for background picture of the homepage, you can choose system preload pictures or even setup your own photos as the background picture of the homepage.
- ❖ Cast screen function is not available at the moment on the device.
- ❖ Screen recorder is for the screen all activities function record, if you have any operation question or error, you can easily record it and store in the SD card, and then send online to us for checking without taking your own record device to record.

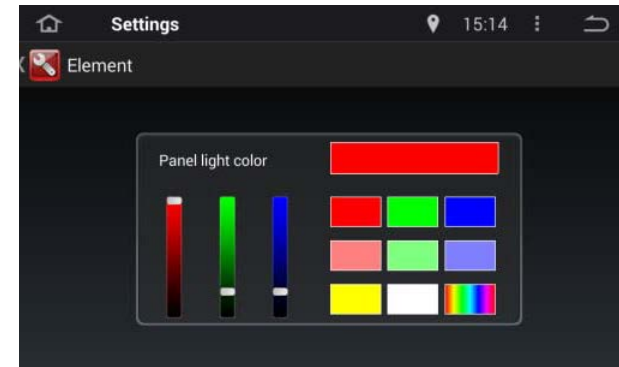


## Element settings

Panel buttons light colors are available, with nine kinds of color modes optional. You can also customize any color adjustment.

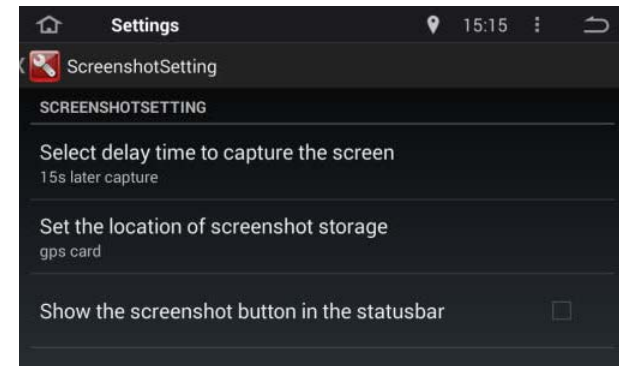
### Note:

Some units do not support to adjust button light, in those units it will not work for this option, such as the 6.95 inch screen double din device, please refer to your actual unit.



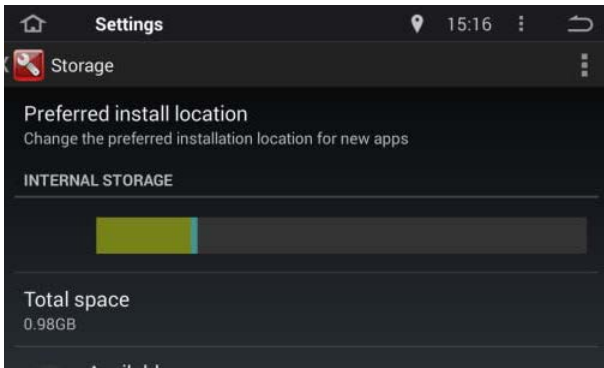
## Screenshot Setting

Set the screenshot image storage location(GPS/SD/USB), select the delay time to capture the screen, then switch to the desired captured interface, and the image will then be automatically captured after the end of the countdown time.



## Storage

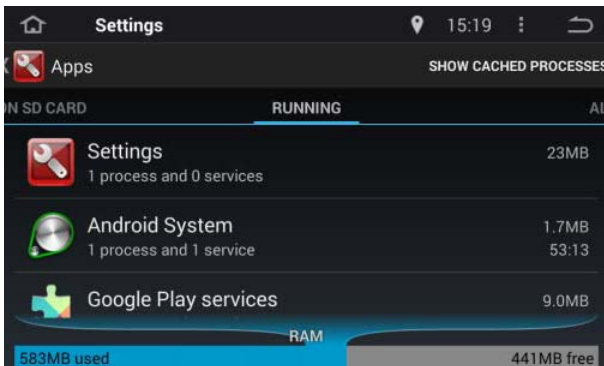
To see the available storage space, you may clear the memory card (formatting the internal memory), and select the option of media scan to an external memory card or an external USB device.



- 1, "Preferred install location" can be set either on a SD card or inside the device memory just based on your software installed.
- 2, If you want to remove TF card or USB flash drive, click on the option "Uninstall TF card" and confirm your selection, then you're allowed to remove the TF card/USB host device in a safe manner.

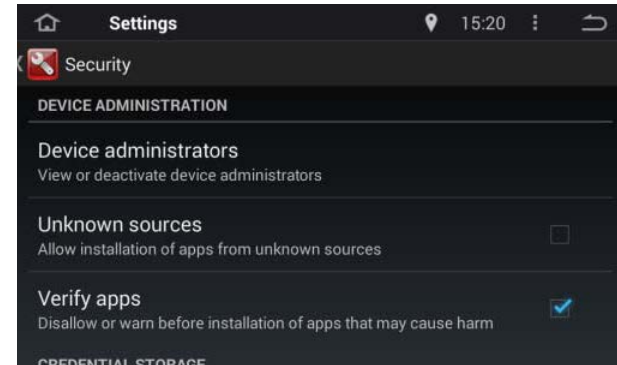
## Apps

Click the catalog (already downloaded, SD card, under running or all), and select the application you want to uninstall, you will then enter the following interface, click "Uninstall", and then you can remove the application from the system. Please note that some preload system apps are not allowed to remove.



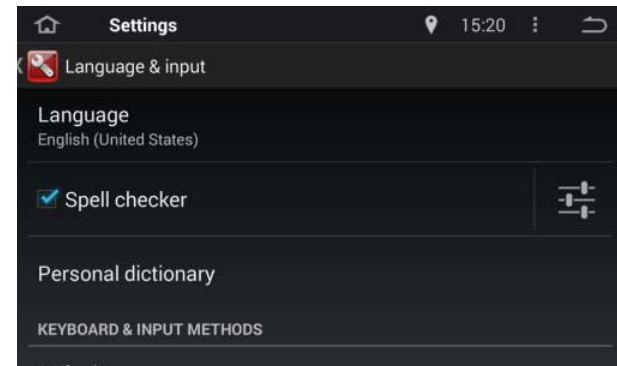
## Security

Display the password, device manager, unknown source, trust certificates, and installation from SD card.



## Language & input method

Allowing for system language selection, text input and auto-error correction options. Select your favorite keyboard and input method, and set the text-to-language output, pointer speed.



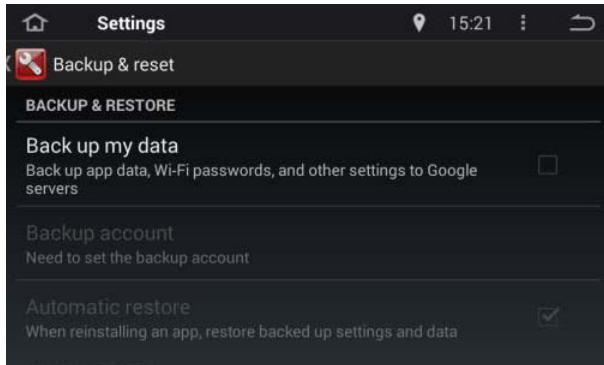
## Backup & Reset

Allowing for data backup or reset, and the factory settings restore. If you have any problem on the system, you can restore the data

to solve it.

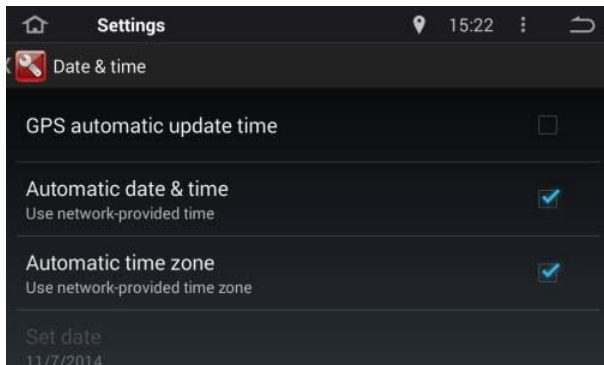
**Warning:**

Once you perform a “restore factory settings”, it will erase all personal data and apps on the machine, so you are required to make backup to all your personal data before executing this function.



**Date & time**

You may use the GPS to automatically update the time or just use the time or time zone provided by the networks. You can also manually set the date and time, select the time zone, and choose the display format of the time and date.

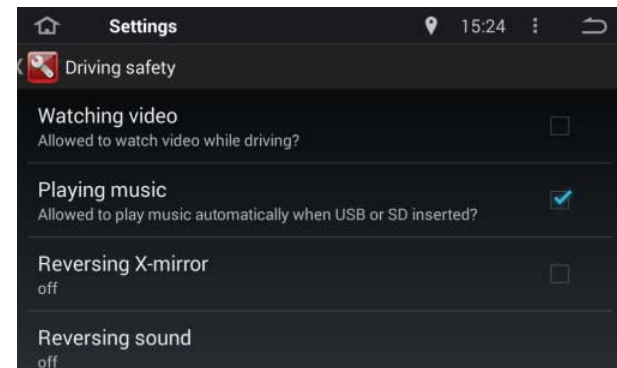


**Driving settings**

Video settings, media settings, reversing X-mirror, reversing sound.

**Tips:**

- 1, When playing video, and unit show warning message do not allow to watch video, please tick the watching video option.
- 2, When reversing car, and unit muted sound, you can turn on the reversing sound.
- 3, When reversing image is left right wrong, turn on/off the reversing X-mirror to check.

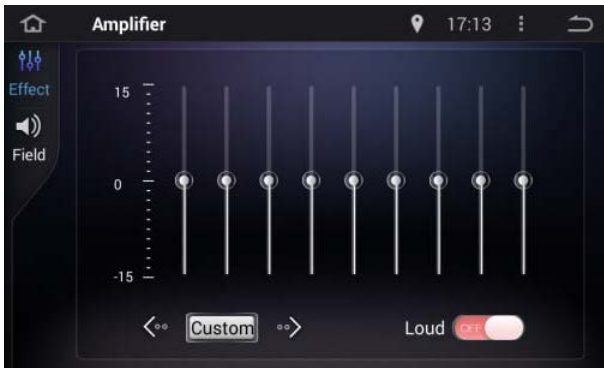


**Amplifier settings**

Loudness switch: When you open the audio low frequency boost. Sound settings: Settings of treble, middle, bass, loudness, mega bass outputs are allowed. Sound effect may be preset as custom/classic/flat/voice/rock/pop/jazz. Sound field selectable front left, front right, rear left, rear right speaker single sound.

**Note:**

The changed parameters are automatically saved in the “Custom” mode.

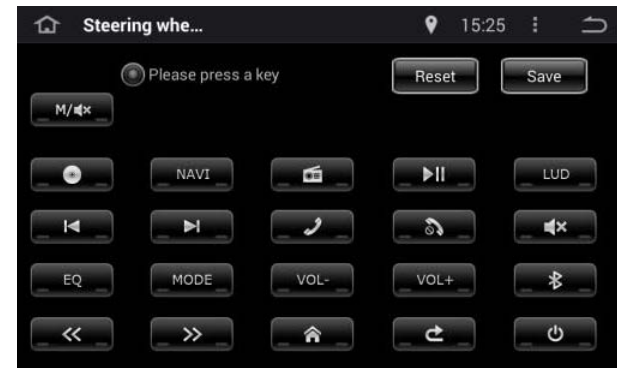
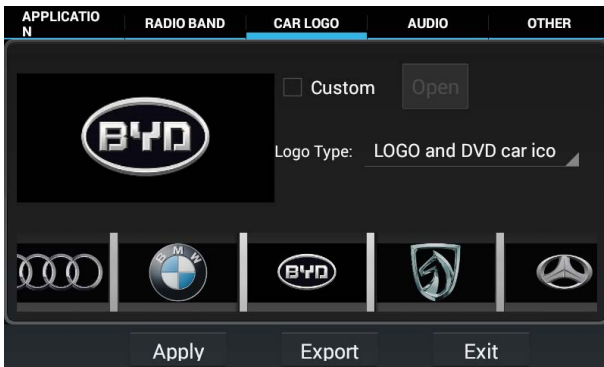


steering wheel control buttons, find the corresponding wire from your car to connect them.

Click the icon **VOL-** on the screen first, e.g. "Please press the button" on the top left of the screen becomes "[V-] and start learning at this time!" And press the VOL- button on the original vehicle button, then click the SAVE button at the top right corner of the screen for saving. Press those buttons on the steering wheel, you can then able to control a host. Repeat the same steps for other Buttons. If the settings are incorrect, click the Reset button to clear the learn key functions, and start to re-learn.

## Factory Settings

Input password 126 to enter into the factory setting menu, you can change the boot CAR LOGO, switch RADIO BAND, adjust function default AUDIO volume, change APPLICATION data, set OTHER parameters.



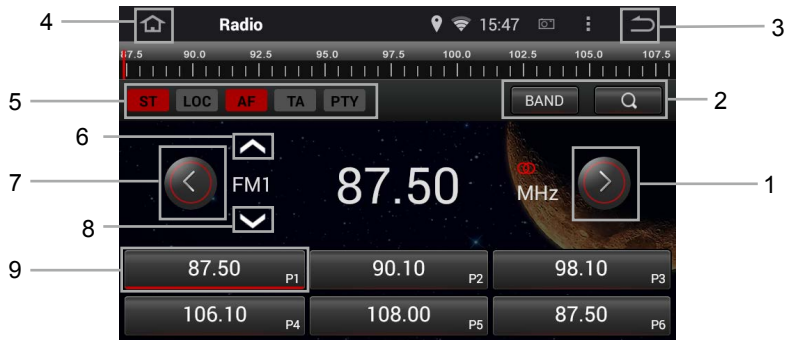
## Radio Function

Click the Radio icon on the homepage to enter into the following Radio menu.

## Steering Wheel Keys

There are 3 SWC wire from the ISO cable, KEY1, KEY2, SWC-GND. Make sure your car is resistance based analog signal





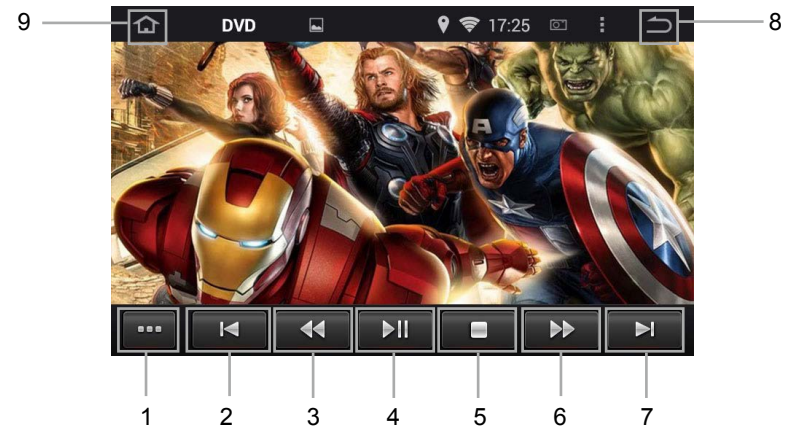
- 1, Manually search radio down stations
- 2, Radio stations automatic search, it can be stopped when click it again. Band is for switch between FM and AM.
- 3, Return and quit radio function
- 4, Return to homepage, the radio will still keep running at backstage
- 5, ST/LOC/RDS(Turn on AF icon to search RDS radio stations)
- 6, Switch up inside FM or AM band.
- 7, Manually search radio up stations
- 8, Switch down inside FM or AM band
- 9, Search and saved radio stations

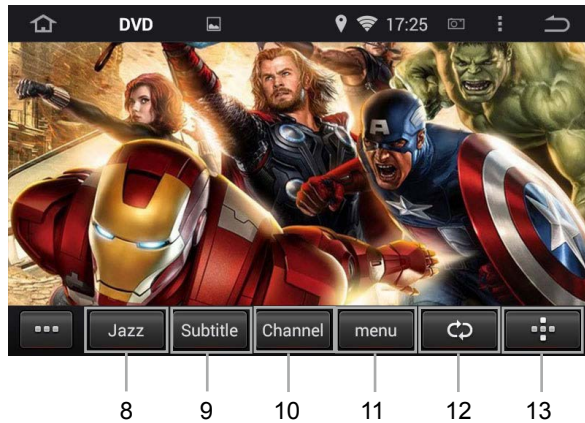
**Tips on Radio Operation**

- ❖ For storage your own frequency, you just need first adjust to the frequency you want, and then long press the bottom P1 to P6 icon, then your frequency will be storage to this channel.
- ❖ The radio can storage 18 stations in FM wave band and 12 stations in AM wave band. FM1(P1□P6), FM2(P7□P12), FM3(P13□P18), AM1(P1□P6),AM2(P7□P12)
- ❖ If there is no sound comes out in Radio function only, other function all work fine, please disconnect the main power harness of the radio, and wait for around 30 minutes to reconnect it may solve this.

- ❖ FM radio signal is stronger at the center of the city, usually receive in stereo way. However in the remote area,the radio signal is not stable,usually switch to mono mode to improve the effect to radio,In FM band,click on the “ST” icon to turn on or off stereo effect. (Note: The ST effect will automatically turn on when device reboot.)
- ❖ FM radio signal is stronger at the center of the city, usually receive in local mode. However in the remote area, the radio signal is not stable, usually switch to remote mode. Improve the effect of radio, you can click LOC icon to switch local/ remote radio receiving transformation.

**DVD/USB/SD Function**





- 1, Press this button to switch to the other function keys.
- 2, Press this button during playback and you will then choose to play the previous song or chapter.
- 3, Press this button during playback to fast rewind the play content, press the speed each time for increment, the speed will be different based on the disc file types.
- 4, Press this button during playback to convert between the play/pause functions.
- 5, Press this button during film playback to stop playback.
- 6, Pressing this button during playback to fast forward the play content, press the speed each time for increment, the speed will be different based on the disc file types.
- 7, Press this button during playback and choose to play the next song or the next chapter.
- 8, Conversion key of sound effects(custom/classic/flat/Voice/rock/pop/jazz)
- 9, Press this button to switch discs subtitles (disc support is required).
- 10, Sound Channel switching (disc support is required)
- 11, Press this button to return to the disc contents menu
- 12, Press to allow the random play, single repeat, recycled playback and orderly play.

13, Click once to call out the arrow key, and click again to call out the numeric keys.

The CD/USB/SD playing menu will be as below screen shot shows, touch and drag to left can check the file list from the device.



## iPod Function

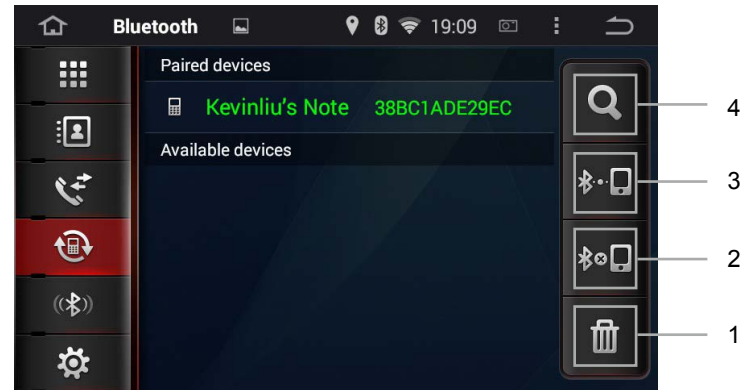
The device can support up to 32GB iPod/iPhone 4s with 30 pin connector device for music playing. When the iPod is connected and the interface will automatically transferred to the play interface; click on the function icon in the interface at this time, and the iPod connection is deemed to be successful if the relevant content can be called out. Touch and drag to the left side, you will be able to check the audio file list from the music app on iPod/iPhone.



- 1, Conversion key of sound effects(custom/classic/flat/voice/rock/pop/jazz)
- 2, Press this button during playback and you will then choose to play the previous song.
- 3, Press this button during playback to convert between the play/pause functions.
- 4, Press this button during playback and choose to play the next Song
- 5, Pressing this button to load songs from the iPod
- 6, Conversion key for playback mode

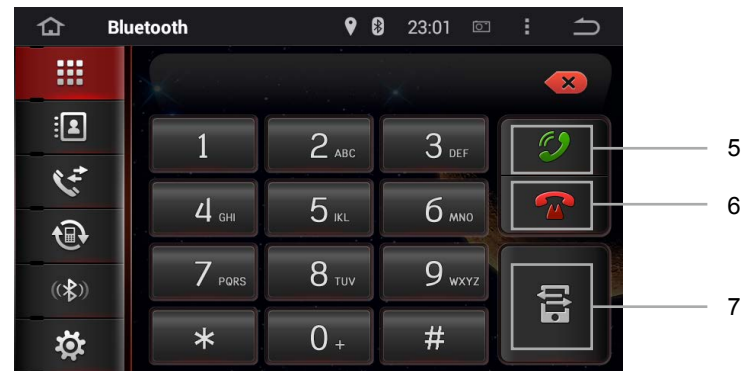
## Bluetooth Function

Click Bluetooth icon on the homepage to enter the Bluetooth function, then click on the search button to search for Bluetooth devices of your phone (Bluetooth mobile phone settings “detect ability” to open). After selecting your Bluetooth device on your phone, click the pair button for pairing connection. Bluetooth connection can be disconnected by clicking the unpair button.



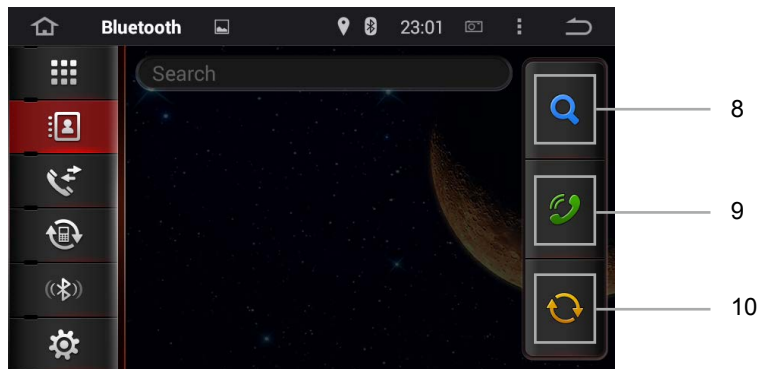
- 1, Delete paired devices
- 2, Disconnect paired devices
- 3, Pair with the selected device
- 4, Search available devices

## Dial Pad Menu



- 5, After entered the number you want to dial, click it to dial out
- 6, Hang up icon during a call
- 7, Voice Switch icon for convert the other person’s voice from the speaker to the phone, or from the phone to the speaker.

## Phonebook Menu



- 8, Click it to search the contacts you want to call
- 9, Click it to call out the contacts you want to call
- 10, Click it to sync the contacts list from the phone(require authorization for BT contacts output on some phone )

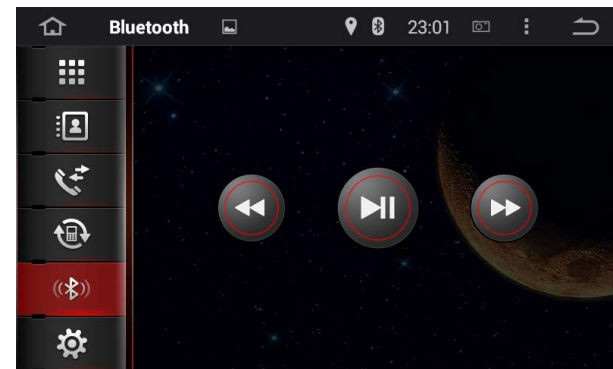
## Call Log Menu



This menu listed out all the calling history (income call/outcome call/missed call) which have been finished on the device after paired

- 11, Delete single history
- 12, Delete all history

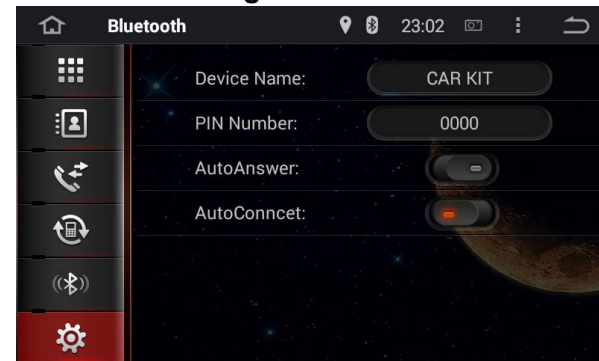
## Bluetooth Music Menu



In this menu, you can control the music player from your phone, and make the sound comes out from the car speakers via the Bluetooth Audio stream transfer.

Note: It is not support to display song name or listing from the phone, only can control to switch or stop the song. It can not transfer files in Bluetooth function too, only for Audio stream transfer.

## Bluetooth Setting Menu



In this menu, you can modify the Device Name, pair pin number. Automatic pairing with phone is defaulted. When the system displays the successful pairing is done, the phone starts to

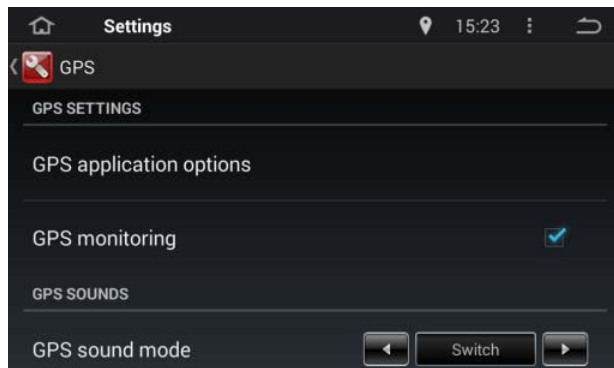
connect with the connection password of “0000”, and the Bluetooth function is available when the system prompts the successful connection (Bluetooth symbol in the upper right corner of the screen changes from gray to white).

**(Note:** For detailed operation of phones, please refer to the operating instructions section of the Bluetooth in such mobile phone)

## GPS Function

The device is preload free copy map software into the map SD card, which was inserted to the GPS card slot. And we have preinstalled the app into the system, you can direct press the Navi/GPS button to enter into it. As it is free copy map, it is not support update via internet direct, but you can free to contact us for new map software in the future when we have it.

If you want to use your own map software that you installed, please go to setting---GPS---GPS application options to select the navigation software you intend to use.



GPS sound mode selection: “Switch” and “Mix” option.  
Switch mode will mute all other function sound when GPS give

guidance sound.

Mix mode will reduce all other function sound when GPS give guidance sound.

GPS mix ratio: adjust the mix ratio of the size, you can map the voice increases.

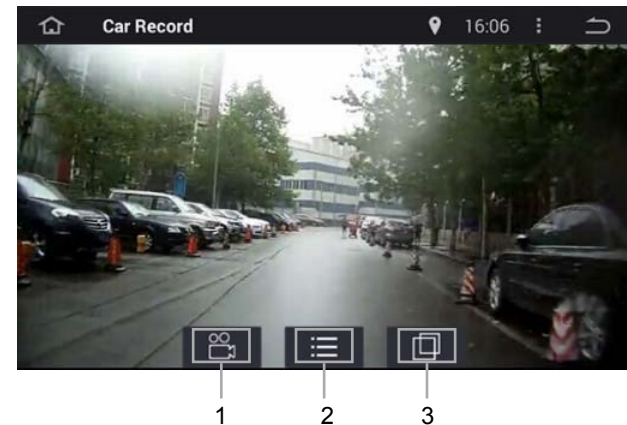
## Car Record Function(optional)

After connecting the free driver USB camera, click the car record app to enter into the function. As the videos recorded by the driving recorder is stored in the GPS card, so please make sure you inserted storage card in GPS card slot. And the video files are large, it is recommended to use the map card above 8GB, so the driving video time automatically saved will be longer.

### **Note:**

The function is require a free driver USB camera to be connected to the 3G/USB port, if you demand that, welcome to contact us for purchasing.

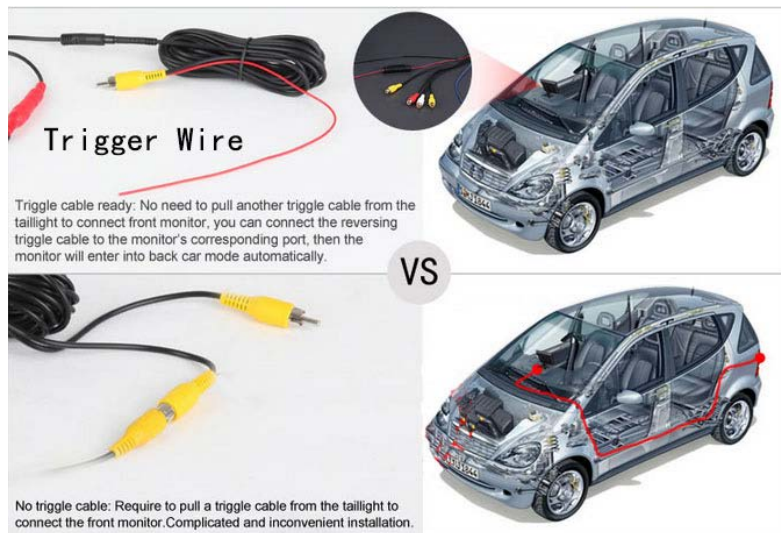
If the camera is not working, please go to setting---factory setting---input password 126 to check if the front camera was been ticked.



- 1, Start recording. Background operation can be carried out after The starting of the recording, and the recording will be automatically saved after stopping the video recording.
- 2, List of recorded videos. The left space of playback and video recording interface will show the time, longitude, latitude and driving speed.
- 3, Switching of videos between multiple cameras(The device only support one camera recording at the moment, do not support multiple ones)

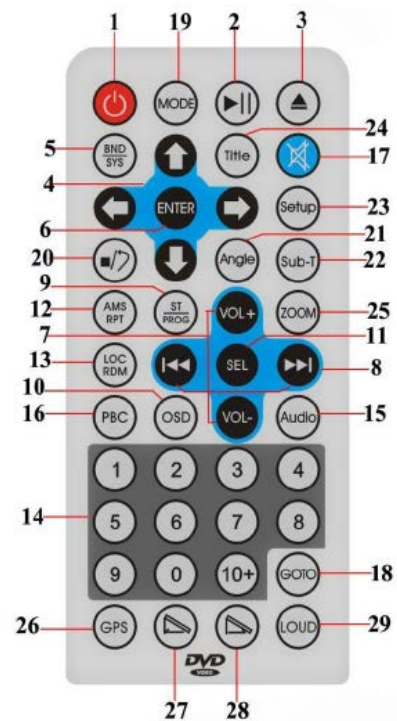
## Reversing Camera Function

The device is original support reverse camera display function, you just need to buy a reverse camera to install it. If you demand, welcome to contact us for purchasing one, as our camera is special with trigger wire for automatically switch when reversing car.



If you have camera with trigger wire, then connect yellow connector with CAM-IN cable from the device, connect trigger wire with REVERSE-IN wire from the ISO cable harness.

If the camera do not have trigger wire, then you connect extend the REVERSE-IN wire from the ISO cable harness, connect it to the positive pole of the car reverse lamp of the car.



- 1, Standby: Press this button and the machine will be converted to standby mode
- 2, Pause/Play

- 3, Eject: Press this button to allow the ejecting/entering of discs
- 4, Cursor directions
- 5, System/Band: in Radio press it can switch wave band, in DVD function press it for system setting
- 6, Enter
- 7, Volume+/-
- 8, Switch the channel/program/previous/Next
- 9, ST/Program: press it to turn on/off ST icon on radio menu, and program in DVD menu
- 10, Playtime display
- 11, SEL: Press it can switch between audio amplifier menu and current function menu
- 12, Repeat mode/Save the radio stations automatically
- 13, Shuffle playback in DVD function/Local mode/Remote mode
- 14, Number keypad
- 15, Audio setting
- 16, PBC setting
- 17, Mute
- 18, Goto: You may select to playback a certain chapter manually for the DVD disc with chapters.
- 19, Function switch
- 20, Stop
- 21, Angle choice(only work on some special item)
- 22, Title/language setting(only work with some special DVD discs)
- 23, Main interface Settings
- 24, Title: Press this button will return to the menu playback of the DVD discs, you may choose to play start from which song.
- 25, Zoom in/zoom out
- 26, GPS shortcut
- 27, TFT screen slide up key(only work on some special item)
- 28, TFT screen slide down key( only work on some special item)

### Trouble Shooting

Problem	Cause	Solution
Do not power on	ISO cable harness connection wrong fuse burned car ACC not turned on	connect ISO cable harness correct change Fuse turn on car ACC

Do not save setting after turning off	red ACC wire and Yellow BATT wire connection wrong	switch Red ACC wire and Yellow BATT wire to connect
Remote control not work	no battery inserted or installed wrong/battery power dead didn't point at IR receiver from the device	insert battery and correct installed point at IR receiver from the device to press
Radio signal weak	radio antenna adapter didn't connect well and tight ANT wire didn't connect or connected wrong radio signal blocked by local buildings	check and reconnect the radio antenna adapter correct connect ANT wire correct change to a wide open place to search radio stations
Discs do not enter in	didn't remove the 2 pcs DVD drive protect screws	remove the 2 pcs DVD drive protect screws
No sound comes out	ISO cable harness speakers cable wrong connected car original external amplifier didn't turn on mute function turned on	check and connect speakers wire correctly give power supply to car original amplifier to power it on turn off mute function
No GPS signal	GPS antenna didn't connect well local GPS signal is bad bad weather will affect GPS signal car protective film blocked GPS signal	connect GPS antenna correct and tightly put GPS antenna outside of the car drive to a wide open place to check
No Signal when reverse car with installed camera	Reverse camera wire wrongly connected	Connect rear camera correct