

# User Manual

Car entertainment and navigation system

## Multimedia

Car GPS navigation system

# User Manual

CAR ENTERTAINMENT SYSTEM  
THE BEST CHOICE

CAR ENTERTAINMENT SYSTEM  
THE BEST CHOICE

1. Content	01
2. Caution	02
3. Basic Operation	03
4. Operation	04
Main interface	05
Setting	05
1) Wallpaper setting	05
2) Boot interface setting	06
3) Common setting	06
4) Display setting	07
5) Sound setting	07
6) Video setting	08
7) Bluetooth setting	09
8) Navigation setting	09
9) language setting	10
10) Steering wheel setting	10
TV Operation(Optional)	10
Radio operation	11
Navigation operation	12
DVD operation	12
USB/SD display operation	13
CD copy operation(Optional)	14
iPod display (Optional)	15
Bluetooth operation	16
AVIN operation	17
Mirror Link	17
DVR operation	17
TPMS operation	17
5. Trouble shooting	18

# Caution

- ❗ For your safety, please do not to watch a video while driving or operate machine; Please set up the volume which can be heard outside sounds when driving. Before operation, please read this manual carefully. Knowing the safety instructions and warning mark the this manual and machine, after reading please keep the user manual for future reference.
- ❗ Please pay attention to traffic safety.
- ❗ If you have difficulty to operate the machine, please operate it after parking the car in a safety place.
- ❗ Do not allow children to operate the machine, avoiding get injury or damage to the machine.
- ❗ Please driving as the traffic rules when using satellite navigation.
- ❗ Do not self-maintenance, or install the machine by yourself. Do not install or repair the unit when it is power-on, it's very dangerous to install and maintenance machine if without installation training or lack of experience.
- ❗ Do not store or install the machine in directly sunlight, and do not place the machine in other harmful environment, especially the LCD screen. When install the machine, the screen just in the vicinity of the air conditioner , make sure the cool or hot air will not blow the machine directly, as this may damage the machine, and even harmful for the car and the person.
- ❗ Do not use some sharp objects scratching the screen, do not take a hard object press on the screen vigorously, otherwise it will cause damage to the touch screen or LCD screen.
- ❗ To ensure the normal operation of the machine, to prevent the occurrence of fire or electric shock, do not expose the machine in moist air, specially not spill liquids on the machine.
- ❗ Machines only can play 12 cm discs, and you only can play one disc every time. Please don't insert 8 cm discs or other belongings into the machine.

Note: The information of this manual is protected by copyright, any part without the prior written permission, it is not allowed in any way to photocopying and copying. Our company reserves the right of final interpretation for this manual, warranty, and other relevant information.

# Basic Operation

## ★ System reset

1. User the first time to use this unit, please long press "RESET" button for 3 seconds to restore to factory settings.
2. If there is non-work phenomenon crashes caused by improper operation, please long press "RESET" button for 3 seconds, the unit can be restored to normal.

Note: Due to the small reset button on the panel, please use the pen or similar pointed object press this button.

## ★ Turn On/Off

During ACC is power-on status, press "POWER" button on the panel to turn on power;

Insert disc to disc port, the unit will enter disc reading model automatically;

During power-on status, long time press "POWER" button on the panel or take out of car key to turn off the unit.


## ★ Volume control

Revolve volume knob on the panel (the volume control keys on some models are "VOL+/VOL-" button) to adjust the volume of the unit.

## ★ Mute button

Press "MUTE" button on the panel to make the unit mute, press again or adjust volume can resume the volume.

## ★ Backlight button

Short press "  " on the screen or press "LIGHT" button on remote control to turn on/off the backlight of the unit.

## ★ Rear camera

When reverse the car, no matter the unit is on power-on or power-off status, the screen will change to rear camera interface immediately.

# Operation

## ★ Playback options

Short press "MODE" Button on front panel or remote control can change among radio, DVD, USB, SD, Virtual Disc, DTV(Optional), IPOD(Optional), AUX or AVIN.

Short press "HOME" (Or SRC)button can change between main menu and current mode.

## ★ Disc player

The unit has electronic anti-shock function, even the car drive on a rough road cause vibration, the unit's audio and video playback will not be affected. The length of anti-shock time will be different from different disc. The following aseismatic time for reference : DVD disc: about 5 seconds; CD / VCD discs: about 10 seconds; MP3: about 150 seconds.

## | Main interface

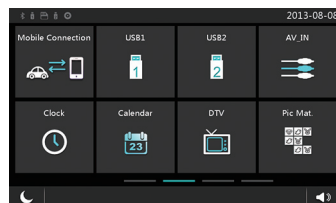
When powered on, the system will enter the main interface by default, under other function interface, touch the HOME button on the panel to enter main menu.

In main interface, the upper part display the current date time, directly click to set.

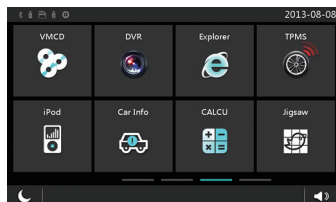
All application icons interface can be paddling page



Main interface 1



Main interface 2



Main interface 3

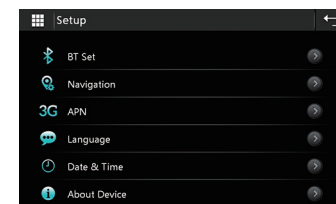
# Operation

## | Setting

Click "⚙️" on the main menu, enter setting menu, click corresponding option to enter corresponding option setting, also can drop up and down to find the option.



Setting interface 1



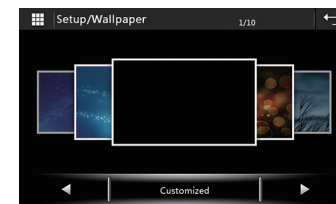
Setting interface 2

### 1) Wallpaper setting

Click wallpaper option enter to wallpaper setting interface, as below:

User can hold the picture and drop the favorite picture as wallpaper.

In order to meet your higher demand, unit support set up your images as the background.



Wallpaper setting interface

Custom the images as background must meet the following conditions, the image width is between 800-1000 pixels and the height must be 480 pixels, the format of image must be JPG.

And the image must be stored in the SD card root directory.


Click "customized" enter custom background interface, system will automatically search for the qualifying picture in SD card, click "Update" to set the current selected picture as background.

Note: For better effect, please make the required size of image in the computer, after saving in the SD card, then operate above steps.

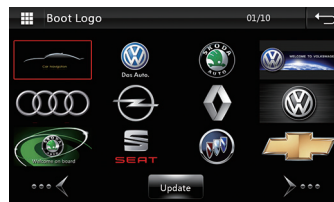


# Operation

## 2) Boot logo setting

Click “” icon during setting menu , input the password **8888** to enter LOGO setting to set up the LOGO.

Click left and right to turn page, select your favorite boot interface (logo / image), click “Update” to select image as boot interface.



Boot logo setting

## 3) Common setting

### 1. Beep Button:

Click to turn on or turn off Beep button.

### 2. Mute when reverse:

Click to choose mute when reverse the car.  
For your safety, we recommend you to choose mute.

### 3. Virtual Disc

Set up the virtual disc recording storage devices, select USB or SD card.

### 4. Satellite Signal:

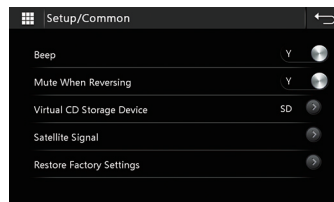
Click this function can check the DVD's satellite receiving state.

### 5. Restore Factory Settings:

Click the Restore Factory Settings option, confirm to restart the unit. After restoring to factory state, your previous setting will be cleared.

### 6. Touch Calibration

Click touch calibration, enter touch calibration menu, use the point of pen to click corresponding five “+” to finish touch calibration.



Common setting interface

Note: If can not enter touch calibration menu when with large deviations, you can long time press NAVI or GPS button on the panel for 4 seconds to enter touch calibration menu.

# Operation


## 4) Display setting

### 1. Daytime Brightness

Drag the right side slider to adjust the daytime brightness of screen.

### 2. Night Brightness

Drag the right side slider to adjust the night brightness of screen.

Note: Reasonably adjust the daytime and night screen brightness can help you to use the unit in safe and comfortable way. User can click “” on the main menu to switch day and night mod. It also can be swift by turn on the signal light on the dashboard.

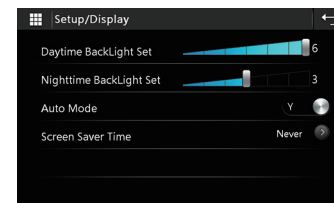
### 3. Headlamps Automatically Detect

Click the right side button to turn on or turn off instrument lights automatic detect mode. When turn on the instrument lights automatic detection function, the system will switch between day and night mode according to the current state of the instrument lights. If instrument lights is on then will choose night brightness mode, if instrument lights is off then will choose day brightness mode.

### 4. Screensaver Enter Time

Click right side arrow to select the appropriate time to enter screen saver.



Note: It will not enter screensaver mode when playing video and image.



Display setting interface

## 5) Sound setting

### 1. EQ Settings



Clicking “ Sound” on setting interface, or click EQ icon “” during every mode, or press “EQ” button on the front panel, you can enter EQ setup interface. The unit has 10 bands DSP effect. You can select six preset EQ modes. Or customize your favorite setting, and your custom setting will be saved in “User” mode.



EQ setting interface

# Operation

## 2. Balance Setting

Click balance setting icon "  " on EQ interface and enter balance setting interface. Click four arrows to adjust the volume ratio of the speaker. "Red dot" in the center represents the volume ratio of four speakers is agreed. Click the restore icon "  " on the lower right corner to restore the current balance setting to default values.



Balance setting interface

## 3. Loudness Setting

Drag up and down the slider to change the current loudness value, enhance the loudness will increase the low-frequency value; please increase a reasonable loudness value, or excessive enhance loudness will cause audio signal distortion.

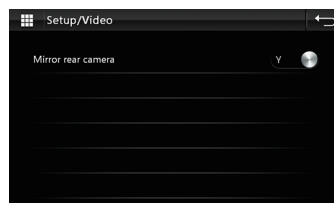
4. It's a bass function, drag up and down subwoof slider to change the current subwoof value, generally only the unit make RCA output have this function (optional feature).

## 6) Video setting

Reversing Camera Mirror

Please turn on or turn off the reversing camera mirror according your actual camera.

Note: For your driving safety, we recommend you to turn on this setting.



Video setting interface

## 7) Bluetooth setting

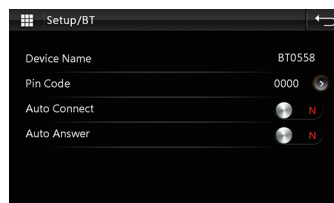
### 1. Device Name

Display bluetooth name of the current unit.

### 2. Pairing Code

Display bluetooth current connection password.

Click the right arrow to change password, input any four digit password to modify the current password.



Bluetooth setting interface

# Operation

## 3. Automatic Connection

Select whether to search and connect former mobile phone automatically when turn on the unit.

## 4. Automatic Answer

Select whether to answer an incoming call automatically when have inming call.

## 8) Navigation setting

1. Navigation Volume Setting Drag the right side slider to adjust navigation volume. Most of navigation software has volume setting function, we recommend set up maximum navigation software volume, and set up the reasonable unit volume.



Navigation setting interface

2. Navigation Background Volume

In order to let you hear navigation voice clearly, it will reduce current music volume when the navigation voice broadcasting.

Drag right side slider to set up the music volume reduction ratio.

3. Navigation Monitor

When navigation monitor is on, no matter it is on navigation interface or not, it will spot navigation voice.

When the navigation monitor is off, only it is on navigation interface, it will play navigation voice. Radio and music will be mute.

4. Navigation Mix

When turn on navigation mix, navigation and music/radio voice are broadcasting together.

5. Enter Navigation Automatically

After turn on this function, it will enter navigation interface automatically when turn on the unit.

6. Navigation Path Settings

Users can customize corresponding navigation applications in SD card. System will search all the "exe" file in navigation card, you only need to click the correct path as navigation startup path.

# Operation

## 9) Language setting

Please select the language as you like.



Language setting

## 10) Steering wheel Setting

Please set up your steering wheel control function according to the following steps.

1. During steering wheel control interface, click "Clear All" button to clear the former settings.
2. Hold down a button on the steering wheel which is needed to set.
3. Click the corresponding function button on the screen.
4. When the button turns orange light, indicating that this button has been set successfully.
5. Repeat 3-5 steps to complete all the keys steering wheel control setting.



Steering wheel Setting

## | TV operation(Optional)

During main menu, click "TV" icon to enter TV interface.

Click "[Q]" to search and save TV channel automatically.

Click "[<=>]" "[>=>]" to select previous or next TV channel.

Click "[<=>]" to select different TV format.

Click "[<=>]" to display TV channel play list.



Steering wheel Setting

# Operation

## | Radio operation

Short press "BAND" button on the front panel or click "BAND" icon to enter radio menu.



Radio interface

### 1. Band Selection

Click "FM" to select FM band among FM1, FM2, FM3.

Click "AM" to select AM band between AM1, AM2.

### 2. Search Station

Short press "◀" and "▶" icon on the radio menu, forward or reverse search radio station, if find a station, it will automatically stop and start listening.

### 3. Automatic search/store station

Click "🔍" icon on radio menu, the system will search from lowest frequency to highest frequency automatically, and store strong signal station. During radio station searching, press again "🔍" icon to stop the searching.

### 4. Preset Station

Each band can be stored 6 stations frequency. The unit can be stored total 30 stations (18 FM stations, 12 AM stations).

### 5. Preview Station

Press "🎧" button on main menu to preview FM/AM band preset stations automatically, each station will preview 10 seconds.

### 6. Manual Stored Station

Long press preset radio button(1-6) for 2 seconds, the current radio frequency is stored in the corresponding preset radio station.

### 7. Stereo / Mono Switch (Only have effect on FM)

In the city center, the radio signal is stronger, use stereo to receive may obtain better results, but when the radio signal is unstable, you can switch to mono mode to improve radio results. Use "EQ" switch to stereo mode, the screen will display high light "ST" symbol, indicating that the stereo mode is turned on, otherwise stereo mode is forced to close.

# Operation

## Navigation operation

1. Users use SD card with gps software insert into gps port on the front panel.
2. During "Settings Interface - Navigation Settings" set up the correct navigation path.
3. Press NAVI/GPS button on the front panel or click "📍" icon on the main menu to enter navigation interface.

Note: Do not take out of the gps map, otherwise it will cause damage map software or unit systematics!

## DVD operation

When the unit is power-on, if there is a disc in unit, press "DVD" button on the panel or click "📀" icon on the main menu to read the disc.

Note: As the configuration and characteristics of the disc is different, or because of different recording conditions and different edit software, maybe some discs can not be read.

### Insert/Eject Disc

During power-on status, insert disc, the unit will detect inserted disc, it will read the disc automatically. The unit only support 12cm format disc. You can play DVD / DVD-9, CD / VCD format discs.

When there is a disc in the unit, press EJECT button on the panel can eject disc. After 5 seconds if the disc is not taken out, the unit will read the disc again.

### DVD/VCD Display

#### 1. Menu Interface

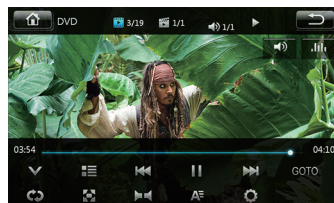
During DVD menu, click "☰" to enter menu interface, if it is VCD disc, enter the PBC interface.

#### 2. Previous/Next Track and Pause Playback

Click "⏮" is previous track; click "⏭" is next track, Click "⏸" is pause playback and click again to resume playback.

#### 3. Track Number Selections

Click "GOTO" to display Track number selection interface, support three playback mode including chapters selections, title selections, time selections.



DVD interface

# Operation

#### 4. Repeat

Click "🔄" to switch different repeat mode. There are different repeat mode for different type of discs.

VCD / SVCD: REPEAT → All REPEAT

DVD / DVD-9: Chapter Repeat → Title

Repeat → All Repeat



DVD channel switch interface

#### 5. Screen Ratio Switch

Click "📐" to switch the screen ratio switch between 4:3 and 16:9.

#### 6. Channel Switch

Some discs are with multiple channel. During playback, click "📺" button can switch to different channel of the disc in order.

Note: Some discs only have one channel, these discs can not switch channel.

#### 7. Subtitle Language Switch

DVD discs maybe contain multiple-language subtitles, during playback, click "A" to switch the subtitle language you need.

Note:

1. Not all DVD discs can switch subtitle language during playback status. Some discs select subtitle language via DVD menu.
2. Before the selected subtitle language display, the picture may be slightly pause.
3. Some DVD discs can not hide subtitles.
4. Subtitle language's number and type are related to DVD disc. Some DVD discs only set up one subtitle language.

## USB/SD display operation

The unit support audio, video and image display in USB, SD.

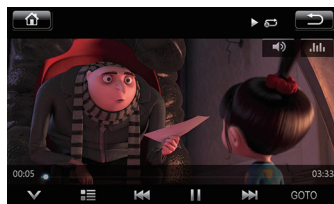
After insert USB or SD card, the unit will automatically detect and enter the multimedia playback mode. The unit will analyze all the files in USB and SD card and classify the file based on the file extension into audio, video, image categories.

If the current USB or SD card is ready, click USB icon "📁" or SD icon "📁" on the main menu also can enter into the playback interface.

# Operation

## 1. Video Playback

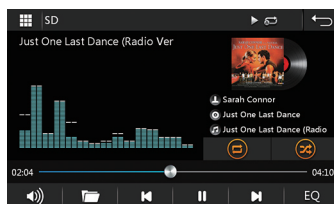
The unit can support variety of video formats, supported video format as follow:  
AVI, VID, DIVX, ASF, MP4, M4A, MPG, MPEG, DAT, VOB, 3GP, M2V, 3G2, M4V, OGM, RM, RMV, RMVB, FLV, MKV, MOV, TS, M2TS, MFS, ect.



SD video playback interface

## 2. Audio Playback

The unit can support variety of audio formats, supported video format as follow:  
MP3, AC3, AAC, RA, RAM, RMM, PCM, WAV, MP1, MP2, FLAC, APE, OGG, ect.

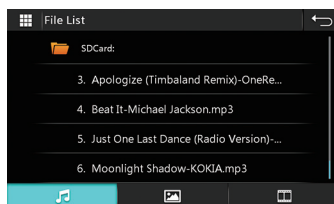


SD audio playback interface

## 3. Folder and List

During playback interface, click "Folder" icon to enter the file list interface. Users can click "Folder" icon to enter corresponding folder, then select your favorite songs to start playing.

You also can click "Folder" icon to return previous folder.



SD folder and list interface

## 4. Repeat and Random

Click "Repeat" icon to switch repeat mode, repeat track → Repeat folder → repeat all tracks.

Click "Random" icon to turn on/off tracks random mode.

Note: This unit mainly support FAT16/FAT32/EXFAT/ NTFS file format.

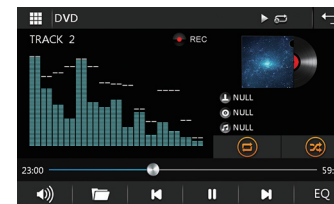
## | CD copy(optional)

CD copy support CD audio file transfer to MP3 file and copy to USB or SD card. The unit max support transfer 9 CD discs.

# Operation

When enter CD copy menu, insert CD audio disc to display, the upper right corner will display "REC" button, click this button will appear a recording interface, click OK to enter recording interface, the default recording speed is 4x, it need about 20 minutes for recording a disc.

During 4-speed recording mode, there is no sound, click "Single-Speed" button to enter single-speed recording mode, then user can listen to the music when Recording. In the single-speed recording mode, it takes about 75 minutes to complete the recording.



CD interface

## 1. Virtual Disc player

If the SD or USB has recorded the song, click VMCD icon on the main menu, enter the virtual disc playback interface.



DVD channel switch interface

## 2. Switch Disc

Click the disc icon or click "D+" and "D-" to switch disc.

## 3. Delete Function

Click "Delete Disc" icon to remove current disc, click "Delete Song" icon to delete current song.



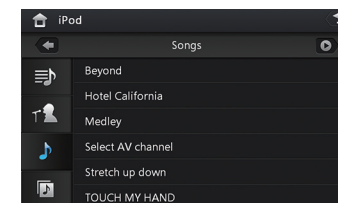
DVD channel switch interface

## | iPod display (optional)

The unit support music display of iPod and iPhone via riginal USB cable.



iPod interface



iPod list interface

# Operation

## List Sitch

Click "🎵" to enter playlist selection menu, click "👤" to enter artist selection menu, click "🎵" to enter all tracks selction menu, click "📁" to enter album selection menu.

Note: Because Apple agreement does not support drag the playback control, so on playback menu It can not support dragging playback time.

Only unit install Apple authentication chip can support iPod/ iPhone playback functon.

## | Bluetooth operation

During main menu, click "📶" to enter bluetooth interface, shown as below:

1 Turn on mobile phone's Bluetooth and Bluetooth device searching function.

2 Search for unit Bluetooth devices, such as "BT0558".

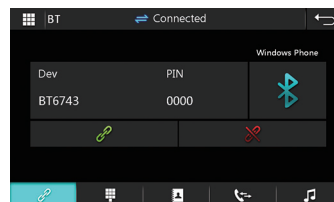
3 When connect the mobile phone, please input corresponding PIN code, such as "0000".

4 After connect successfully. The screen will display Connected "🔗 Connected" sign. If the phone has been established by connecting with the unit, the user can click "🔗" to conenct the bluetooth directly next time. User also can click "🔗" to disconnect bluetooth.

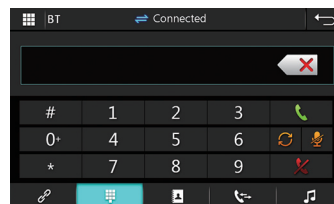
## Dailing

After connect Bluetooth, the user can enter a phone number or use daling the phone number to make the call. If the phone number is incorrect, click "⬅️❌" to delete. Click "❌" to delete all numbers have been entered on the touch screen.

After entering the phone number, click "☎️" to make an outgoing calls.

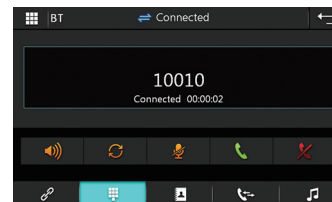


BT connect interface

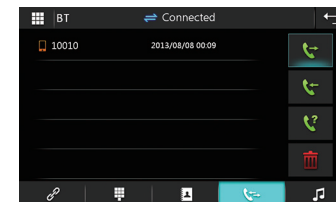


BT Dailing interface

# Operation



BT Dailing interface



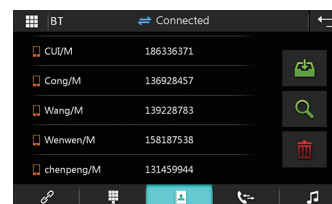
BT call rcords interface

## 2. Voice Switching

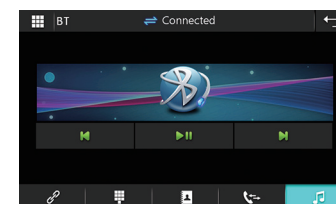
During dailing, click "🔄" will switch call voice between car speakers and the phone.

## 3. Call Records

Call records contain Dialed Calls "☎️", Received calls "☎️", Missed calls "☎️", Uers can do dailing or delete operations.



BT phonebook interface



BT Music interface

## 4. Phonebook Function

The unit supports the phone book synchronization. After the Bluetooth connection, click "📶" to start downloading phone book. After download, it will match the phone call when have income call, if the match is successful, it will display the caller's name on the screen. To quickly search contact name, phonebook search support first letter searching.

## 5. Bluetooth Music Playback

This unit support Bluetooth music playback, stereo audio of phone can be transfer to car speakers via Bluetooth, and support Previous song "⏮️", next song "⏭️", Pause/Play "⏸️" control.

Note: Phone must support Bluetooth 2.0 or above agreement.




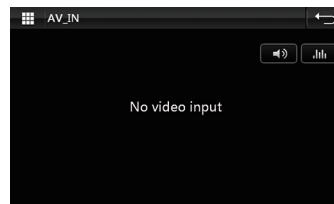
# Operation

## AVIN operation

The unit support audio/video(A/V) Input.

Please operate as follow:

1. The external audio/video system connect to AV input line of the unit.
2. Click “” on the main menu to switch to audio and video input mode.



AVIN interface

## Mirror Link


During main menu, click “” to enter mirror link interface.

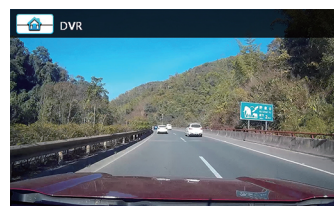
1. Find out and enter “developers options” of mobile phone, and turn on USB plug.
2. Connect mobile phone and the unit via bluetooth.
3. If the unit is activated mirror link function, use USB charge cable to connect mobile phone and unit, the mobile phone will connect mirror link function automatically.



Mirror Link interface

## DVR operation

If the unit connected with DVR camera, during main menu, click “” to enter DVR interface.



DVR interface

## TPMS operation

After car tire connect with TPMS sensor, tire pressure data will display on the unit. If the tire pressure is too low or there is a flat tire, TPMS will alarm automatically

# Operation

During main menu, click “” to enter TPMS interface.

Click “**Setting**” to set up Temperature Unit, Max Temperature, Pressure Unit, Max Pressure, Min Pressure.

Click “**Alarm On**” “**Alarm Off**” to turn on/off TPMS Alarm.



TPMS interface

# Troubleshooting

Note: Please check “troubleshooting list” carefully before sending the broken device back to repair, also take appropriate measures to check or adjust simply.

If the problem is out of list or still could not solve the problem , please feel freely to contact our professional after-sale team !

Phenomenon	Cause	Solutions
No power supply	Wrong connection between wires and connector	Make sure all connections correct again
	Broken fuse	Find out the reason of the Broken fuse; and then replace it with the identical fuse
	The build-in microprocessor is unable to work normally due to the noise and other factors	
Failure of remote control even if you press the right Remote control button on the unit still does not normal operation.	Low Battery	Replace with new batteries
	Certain functions are forbidden under specific modes	Enter the proper mode
Unable play the disk	Disk is dirty	Clean the disk
	The format of the disk is not compatible	Check the disk format
	The disk video system is not compatible	Change new disk is compatible with the video system
	Disk poor quality or damage	Replace the good quality disk
No sound	The cable is not properly connected	Re-connect the cable properly
Cannot increase the volume	The machine is running in still, slow motion or frame by frame playback	There is no sound output in still, slow motion or frame by frame playback
Particular Speaker cannot output sound	Audio setup is not corrected	Set the proper audio configuration
The DVD cannot display if appear the parent lockup message	Turn on the parent lockup function	Close the parent lockup function or change the setting level
Unable to Change Language (subtitle included)	Current DVD has no extra languages for selection	You can not switch to other language in a None Multi-Language disc

# Troubleshooting

Phenomenon	Cause	Solutions
No subtitled	You can only switch it over to the options as shown in the disk menu	Use the disk menu for switchover
	No subtitle in this DVD	If there are no subtitles recorded for the disk, then it is unable to show subtitles.
	You can only switch it over to the options as shown in the disk menu	Use the disk menu for switchover
Failed to play back according to language in audio and subtitle selected in the DVD SETUP MENU unable to switch over to another viewing angle	The current DVD has no audio or subtitle language in the DVD SETUP MENU	If the disc is not recorded DVD SETUP MENU choice language, is unable to switch to select language
Unable to view angle switch	The current DVD has no a multi-viewing angle	if the disc is not recorded with more perspective shooting scenes, can not switch to other viewing in a NO Multi-viewing disc
	You try to switch it over to another viewing angle out there are no multi-viewing	Watch with more perspective recording scene switching angle
Picture is extremely unclear distorted or dim in the playback	The disc has a copy protection signal (some of the disc may have this feature)	Because the DVD and anti copy analog copy protection system, so if the player has a copy protection signal disc, then in some viewed on a monitor, the picture may appear horizontal strip or other, it does not mean that the issue of fault.
No image: PIC OFF is shown	You fail to connected the manual brake wires or fail to turn on the manual brake	Connect the brake wire and when turn on the manual brake
When the ignition switch is turned to the ON position (or to the ACC position) the player automatically switches on		This is a normal function