GPS insertion and routine setting and language

1. Shut down after press the power button. Take off the detachable panel. Then you can see the GPS SD port as shown in the figure red arrow.

2. With way SD card metal face downwards, insert corresponding GPS card slot. As shown in figure red arrows.

3. Insert the mini-SD into the port as the red arrow shows in the picture.

4. After startup, in the main interface click on "GPS" icon, enter GPS navigation main interface, as shown in figure red arrow.

5. Enter to the GPS UI, touch in "Settings" and go to GPS navigation function as the red arrow shows on the picture.

6. On GPS navigation UI, touch to "Setting" and go to the routine setting as the red arrow shows on the picture.

7. Please press & set the routine on the map as the red arrow on above picture. Then press the file & go to File: Navigating Files: the file name you select. e.g. digital X360 map1.jpg. File: Navitrone. exit (in the next picture).

8. After go to the file: Navi-setting, please press the file as red arrow shows on above picture. Then press "X" to return to GPS UI.

9. In GPS navigation UI, press the "Language" and go to, after setting and press and return to GPS main menu as red arrow shows on the picture.

10. Touch in "navigation" and start after press GPS UI as the red arrow shows on picture.

Touch screen adjustment

Touch to the "adjust" on main menu and get in, there is + mark on UI. Follow the indication and touch to the + mark in order (A, B, C, D, E) and complete the adjustment. Please touch to the centre position of the + as the red spot showed on the above picture. Otherwise the adjustment cannot be completed.
Reminder

Un-installation of detachable front panel:

1. Press the "Detachable control button" and press hard in position, as illustrated.

2. Pull the small panel to right after it pop up, as illustrated.

Installation of detachable front panel:

A. Left hand holds the left side of the small panel, and right hand holds the lower right corner of it. Icon A clicks to Icon B, as illustrated.

B. Moving the small panel snap to the left side of the DVD, as illustrated.

C. Hold the small panel left side by left hand, and push down the lower right corner of small panel. It will make a sound "click", as illustrated.

Note: While disassembling press this button to and press this button is wrong.

The wire connection of steering wheel control

1. Please note before installation:
   1) The wire of the steering control wheel, KY1, KY2 cannot connect with 12V or over 5V electric current.
   2) Before installation, please confirm whether there is original steering control wheel in the car.
   3) Before installation, please refer to the manual "coil connector" section.
   4) KY1 (brown wire) KY2 (white wire) connect with the control wire on the steering control wheel, GND (black wire) connect to the ground.

2. As the steering wheel control-UI shows out (F. 2), please follow the instruction to press the key. Then long-press the button on the steering wheel, on the UI you can choose the function key you want to. Use the same operation way for the other function as the green arrow shows on the below picture.

Note: switch off after change to the steering wheel control, it is not necessary to reset when switch-on again! It is not necessary to reset if use the same steering wheel.
1. Introduce

This DVB-T module is fully compliant with the international DVB standard and thus transmits digital images, sounds and information guides directly to your TV through the terrestrial broadcasting. Now you can comfortably see and receive digitally transmitted music, news, movie and sports terrestrial broadcasts in your office or at your home. In the Channel Search section, both the automatic channel search method and the manual search mode are provided. The Menu is very modern and supports different languages. All functions can be carried out using the TSP, touch screen panel, and some of the functions can also be carried out using the front panel. The slim module is easy to use and adaptable for future advances. Please be aware that new software may change the functions of the slim module.

1.1 Features
- Auto/Manual search
- Supports multinational Language
- Channel manager
- Auto save channel
- Supports high speed mobility
- Strong to noise/good sensitivity
- Compliant with full DVB-T standards
- Audio output supports Stereo Audio 5.1, IJS
- supports EPQ, Telemat, Subtitle
- Video output supports ITU601/601.CVBS
- PND, POM/MP3/4, Mobile TV, Hand-held applications

2. Search channel

If your slim module is connected to the aerial and television, you can automatically search channels without entering any other information. It is because no channel storage search, you can set up search mode and the country.

Remark:

![Figure 2.1](image1)
![Figure 2.1 A](image2)

- Press the button to enter the main menu interface. Four icons screen, that were Installation.

System, Channel list and Preferences, press the or button to choose the icon, to be elected the icon was to enlarge highlighted (Figure 2.2 show). We selected to install icon and press the button to enter the installation menu, the installation menu can be set into the country and search, it provides two method of the search: automatic and manual channel search channels. (Figure 2.3 show)

![Figure 2.2](image3)
![Figure 2.2 A](image4)
2.1 Country Setting

You can set the country for Menu. Default country is England.

1. Enter to the installation menu.
2. Press the button to display the available Country List.
3. Select your desired country using the button, and press the button to confirm (Figure 2.4 show).

2.2 Automatic Search

a) Use the button to select automatic search, and press the button. Into the automatic search interface. Wait while the receiver searches for the channels, this may take a few minutes. (Figure 2.5 show)

b) In automatic search period, the progress indicated that the strip will have the search progress indication, in search period, if will press the key operation to pause, press button to select Exit and try to reset the search operation again if necessary.

c) If search operation is successfully completed, and the channel does not exist, press the button to select Save button and exit.

d) The auto search will complete the program which the automatic demonstration will search in the left side program tabulation, please choose save and exit menu.

2.3 Manual Search

a) Press the button and use button to select Manual Search, enter manual search interface.

b) You can use button to select channel and frequency, press the button to enter, you can use button to change channel and frequency. (Figure 2.6 show)

c) Use the button to select search button, press the button to search.

d) When completing Channel Search, press the button can automatic to save the changes and display program.

2.4 Reset Default

1. Enter the installation menu
2. Press button to select reset default, and press the button to confirm
3. Using the button to select Yes or No, and press the button to confirm. Select Yes to restore all setting to Factory Default, Select No to return to System (Figure 2.7A show)
4. Reset default menu of restore all setting to Factory Default, please note you to restore a time delay, you all data to be able to delete, for example: Channel, menu, installation and so on.
2.5 Search shortcut way

a) The first press search channel shortcut into the Language Interface, press button to select Language menu (Figure 2.8 show)

b) The second press search channel shortcut into the country Interface, press button to confirm search country (Figure 2.4 show)

c) The third press search channel reset interface (Figure 2.7 show), press button to confirm one.

d) The forth press search button into automatic interface and search channel. The back of the parade with the above-mentioned (Figure 2.6 show)

3. Basic Operation

This chapter describes functions such as switching channel, volume control, and basic features for watching programs.

4. Preferences setting

Remark

a) You can set the language for Menu/Video/Audio/other, the default language is English.

b) Pressing the button to enter the main menu.

c) Pressing the button to select preferences setting, using the button to enter preferences setting.

4.1 Language setting

a) Press the button to select Language setting (Figure 4.1 show)

b) Press the button to display the available Language List (Figure 4.2 show)

c) Press the button that language choice needs, use the button to confirm and exit.

4.2 A/V Control

a) Press Menu button to select preferences.

b) Use the button to select A/V control, press the button to display option.

c) Use the button to select then you can change Video output system AUDIO output/Screen Ratio/Display format, press the button to confirm, press the button to exit (Figure 4.3 show)

4.3 Personal Style

a) Press Menu button to select preferences;

b) Use the button to select other setting, press the button to display option;

c) Use the button to set OSD display time, menu transparency and color, press the to revise, press the to exit (Figure 4.4 show)
5. System Setting

Remark:
a) You can see the situation and signal status;
b) Press the button to enter the main menu interface;
c) Press the button to select system menu, press the button to enter menu (Figure 5.1 show)

5.1 Display System Situation

a) Enter the system parameter menu; press the button to select system menu, press the button to enter system menu.
b) Press the button to select system situation menu;
c) Press the button to confirm, The screen will display the current system status (Figure 5.2 show)

5.2 Display signal status

a) In the menu system used the button to select signal status menu;
b) Press the button to Into the signal status display menu

c) The first line shows the signal strength, and the second line shows the signal quality of the state. (Figure 5.3 show)

6. Channels List

Remark
a) Channel list menu can be set up and edit channels like Channel;
b) Select channel list icon, press the button to display the interface. (Figure 6.1 show).

6.1 edit channels

a) Into the channel menu list;
b) Press the button to select edit menu channel, using the button to into the edit interface channel(Figure 6.2 show);
c) Red button is locked, is the key to unlock the green, yellow button is removed, the blue button is editing, The panel button to lock the corresponding colors / unlock / Delete / editor, and other functions;

6.2 Edit Favorite Channels List

a) Enter the favorite channels list menu;
b) Press the button to Select the favorite channels menu, use the button to into the favorite interface channel (Figure 6.3 show)

d) Use the button to select TV or favorite list, Press to exit.
6.3 Operation favorite channel list

When you have added some channels to Favorite list, then exit press Menu and button Press. button change to RADIO/TV or favorite channels list, In the list of favorite programs and TV channels in the list, using button and button change to channel. (Figure 6.4 show)

Figure 6.4

Figure 6.4A

7. Menu Map

<table>
<thead>
<tr>
<th>Country setting</th>
<th>Your country</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLAND, GERMANY, FRANCE, ITALY, SPAIN, TURKEY, PORTUGAL, GREECE, RUSSIA, CZECH REPUBLIC, TAIWAN, CHINA, HOLLAND, AUSTRALIA</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic Search</td>
</tr>
<tr>
<td>Manual Search</td>
</tr>
<tr>
<td>Reset Default</td>
</tr>
<tr>
<td>OK Cancel</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>System</th>
</tr>
</thead>
<tbody>
<tr>
<td>System Status</td>
</tr>
<tr>
<td>Signal Status</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Channel List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edit Channels</td>
</tr>
<tr>
<td>Favorite Channels</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Language Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Menu Language</td>
</tr>
<tr>
<td>Audio Language</td>
</tr>
<tr>
<td>Subtitle Language</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Preferences</th>
</tr>
</thead>
<tbody>
<tr>
<td>TV Type NTSC/PAL</td>
</tr>
<tr>
<td>Audio Output Stereo/Mono</td>
</tr>
<tr>
<td>Screen Ratio 4:3/16:9</td>
</tr>
<tr>
<td>Display Format Auto/Letter Box/Center Mode</td>
</tr>
<tr>
<td>Display Time 1/30/10/15/20</td>
</tr>
<tr>
<td>OSD Transparency Disable/5/25/50/75</td>
</tr>
<tr>
<td>Palette</td>
</tr>
</tbody>
</table>
### 8. Trouble Shooting

If the product does not work normally after completing the following trouble shooting, please contact your local product distributor or service centre.

<table>
<thead>
<tr>
<th>Issue message</th>
<th>Possible causes</th>
<th>What to do</th>
</tr>
</thead>
<tbody>
<tr>
<td>No or bad signal</td>
<td>The aerial is not pointing properly.</td>
<td>Adjust aerial. Check the cable from the aerial. If you cannot resolve the problem you may need to have your aerial and installation checked by a professional.</td>
</tr>
<tr>
<td>The channel is scrambled or not available.</td>
<td>The channel has signal, but no audio or video.</td>
<td>Confirm if the channel is currently on air.</td>
</tr>
<tr>
<td>The channel is scrambled.</td>
<td>This digital terrestrial receiver does not support the service that enables to scramble the scrambled channels.</td>
<td>Confirm if the channel is currently on air.</td>
</tr>
<tr>
<td>The audio is not available.</td>
<td>The channel has signal, but no Audio.</td>
<td>Press the RED button to confirm if the channel has Audio.</td>
</tr>
<tr>
<td>The antenna cable is short-circuited.</td>
<td>Antenna cable is shorted.</td>
<td>Replace antenna. Remove the alien substance and contact local service center if it is damaged.</td>
</tr>
</tbody>
</table>
ISO 1 DIN Mounting size
16:9 HD touch screen LCD (resolution: 800x480)
Support Bluetooth handsfree call, Bluetooth music playing
Unique 3D Flash User Interface
Picture-in-picture function
Built-in analog TV function (optional)
Built-in digital TV (optional)
Detachable from panel
Panel swivels left/right
Radio functions, FM1/ FM2/ FM3/ AM1/ AM2, 30 preset stations, RDS support
USB port and SD card slot (support up to 8 GB)
AUX in
Front left, front right, rear left, rear right and subwoofer, 4.1 channel output
iPod control (optional)
Built-in GPS navigation, support dual-zone play (optional)
Support steering wheel control
Date and time display
Switch wallpaper
DVD screenshot (images can be set to read disc LOGO)
Select car logo as power on picture freely
Support night mode

Safety precautions
Please read all the instructions before installation, and ask the professional technician to install the car audio & video system.

This device is suitable for 12V vehicle power supply (earth wire should be connected). Do not install this device in the truck or bus with 24V power supply, or else the device will be damaged.
Please use authentic discs. Do not use non-standard or inferior discs, or else it may cause device failure or affect the service life.
Do not replace the fuse of the power supply or use improper fuse without the guidance of professionals, or else it may cause device damage and cause fire.

To avoid violating traffic laws, the driver shouldn't watch or operate the device while driving, or else it may cause accidents.

To ensure safety and normal operation of the device, please consult the professional to install. Do not disassemble or repair the device by yourself to avoid device damage and accidents. Please consult local distributor for details.

Do not put the device in damp environment or water to avoid electric shock caused by short circuit, unnecessary damage and fire.

Do not use the device in the environment with strong magnetic, or else GOS, Bluetooth and digital TV will be affected.
Before turning off the ignition switch, please turn off the power switch of the device first, or else the power switch will consume the battery.

Tip: To avoid short circuit, please switch off the engine and disconnect ACC from B+.
Safety precautions:

Thanks for purchasing the car audio & video system of our company. Before using the product, please read this manual carefully, and keep it properly for reference.

To avoid personal injury or other dangers, please read the precautions carefully:
1. Keep water or other liquids away from the device.
2. Do not put or install the device in the environment with moisture or high temperature; do not contact chemicals and prevent fire and other damages.
3. Replace the battery of the remote control regularly to ensure that the device can work normally. In case that the battery leaks, wipe it with dry cloth or tissue, and replace the battery. Do not put the battery on metal objects and keep it away from children to avoid accidents. Follow local laws and regulations when using the battery.
4. If the LCD cracks and the liquid crystal splashes, avoid contacting skin or eyes and mouth, and contact the maintenance personnel to replace the LCD. Follow local laws and regulations when replace the LCD.
5. Do not squeeze, press or scratch the device. Wipe the device surface rather than the LCD with dry cloth and tissue. To avoid damaging the device, do not apply too much force.
6. If there is any problem during operation, please cut off the power supply immediately, and check according to “Troubleshooting”. If the problem can’t be solved, please contact the distributor or local service center.
7. Replace the fuse with same model (current grade), or else it is very dangerous and will cause damage.
8. The device supports AUX, SD, BT, IPOD, USB, GPS, DVD, VCD, CD, MP3, MP4, as well as TV and radio.

Installation position
Do not install the device in the positions that:
1. Affect the sight of the driver;
2. Affect the operation of steering wheel, gear lever and brake pedal.

Installation:
1. Ask qualified personnel to install the device.
2. If you want to install by yourself, please strictly follow the instructions and wiring diagrams in this manual, or else it may cause fire.
3. Before installation, switch off or pull out the ignition key. During installation, battery current may leak or short circuit when the engine is turned on.
4. When installing the device, make sure not to damage any tube, wire or electronic parts of the battery, or else it may cause fire. When drilling holes in the dashboard of the vehicle, do not damage any components.
5. Do not use any nut or screw as the safety device, such as turning connection device and fuel supply or brake system, or else it may cause fire or accidents. Condensate water
In rainy day or damp environment, the laser head in the device will produce vapor and can't read the disc. Turn off the device until the moisture is cleared, and then resume normal operation.

LCD:
Do not squeeze the LCD, or else it may cause image distortion or failure. The image may be blurry and TFT may be damaged.
Precautions of TFT cleaning:
* Use soft wet cloth to wipe the display gently.
* Do not use any reagents, such as gasoline, thinner, detergent or anti-static spray.
* If the vehicle is parked at the place with extreme temperature, the image may be blurry. This isn't the failure of display, and the image will be clear when the temperature resumes normal.
* The LCD may have "bright spots", which are acceptable in LCD technology.

DVD player:
* Only use normal round discs, while irregular or distorted discs may be blocked or can't be read. Before playing, check whether the disc is pasted with label or scratched; if yes, do not use the disc to avoid damaging the player.
* Hold the edge of the disc and do not touch the burning surface (isn't printed).
* Put the disc in the box if it won't be used.
* Do not put the discs at the place with high temperature or directly irradiated by sunshine.
* Do not paste labels on the disc surface, smear or use chemicals.
* When cleaning discs, wipe from center to edge with soft cloth.
* When the radiator is used in cold days, vapor will generate in the player and cause failure of the player. To solve this problem, turn off the player for about one hour, and wipe the moisture on the disc with dry cloth.
* The playing may be stopped if there is strong vibration when driving on the road.
Main menu
Press the \( \text{key} \) to turn on the device and enter the main menu, including RADIO, DISC, GPS, SD/AUX, BT, DTV, TV, IPOD and USB, as shown in Fig. A1 and B1. Except in the main interface, touch the \( \text{button} \) in the upper left of any other interface to enter night mode. In this way, when the headlamps of the vehicle are turned on, the screen of this device will become darker. In the main interface, if there is no operation in 10 seconds, the system returns to the playing interface automatically. Three types of wallpaper are available.

Radio
Click menu \( \text{to enter radio mode, as shown in Fig. A1:} \)

- **Auto scan**
- **Band switch:** Click \( \text{button} \) to switch among FM1, FM2, FM3, AM1 and AM2.
- **Click to return to the main interface**
- **VOL+/-**
- **Audio setting, as shown in Fig. B1**
- **Click to enter frequency spectrum, as shown in Fig. B2.**
- **Night mode:** Click to enter night mode

Stereo indicator
Press to scan channels upwards manually, or press and hold it to scan automatically
Press to scan channels downwards manually, or press and hold it to scan automatically.
Note: Each position setting for each channel will be cleared. If all channels set previously will be canceled.

Short range/remote control button
Back to previous interface
*Picture in picture* button
Note: The device is set to standard size in the factory, and the users can customize according to requirements.

Bluetooth
Click menu \( \text{to enter Bluetooth mode, as shown in Fig. A1:} \)

1. Pair: Enter the Bluetooth interface and search for new device in the Bluetooth option of the mobile phone, select Connect when finding this device and type the pairing password (0000).
2. Call: After pairing, click the buttons \( \text{directly to type the desired number and then click} \text{to call the number.} \)
3. Clear: When typing the telephone number, you can click \( \text{to clear last character or click} \text{to clear all numbers.} \)
4. Answer/end: If there is incoming call, click \( \text{to answer and click} \text{to end the call.} \text{Note: When there is incoming call, the system switches to Bluetooth interface automatically, stop playing music or radio, and displays caller number.} \)
5. Call log: Touch the \( \text{icon} \) to enter call log menu, which has the same function with the call log of the mobile phone and allows viewing answered/missed/declined numbers and calling the numbers, as shown in Fig. B1.
6. Bluetooth music playing: Touch the \( \text{to enter music player menu, in which you can select previous/next track, play or pause, as shown in Fig. B2.} \)
Disc playing interface

Click menu to enter DVD playing mode, as shown in Fig. A1:

A1

B1

1. Menu playing button: When playing DVD, press this button to display the program list.
2. Prev/FR button: In disc playing state, press this button to select previous track, press and hold this button to fast rewind in X2/4X/8X/20 speed. During fast playing, press the Play button to resume normal playing.
3. Next/FF button: In disc playing state, press this button to select next track, press and hold this button to fast forward in X2/4X/8X/20 speed. During fast playing, press the Play button to resume normal playing.
4. Stop button: When playing DVD, press this button to stop and press the Play button to resume normal playing.
5. VOL+/-
6. Page turning button: Touch this button and more buttons are available.
7. Repeat: Touch this button to select Repeat chapter, Repeat title, Repeat all, or Cancel.
8. Random: Touch this button to select to activate/deactivate random playing, if this option is activated, the programs will be played in random.
9. Snapshot
10. Audio channel switch
11. Subtitle switch: Available when playing files with various subtitles
12. Playing time and program display
* Click this button again to have B1 interface:
1. System menu setting
2. Prev./Next menu button: Touch this button to select previous/next menu
3. Left/Right menu button: Touch this button to select left/right menu.
4. OK button
5. Click to enter audio setting
6. Click to enter video setting
7. Click to enter sound effect setting
8. PIP

TV interface operation

Click menu to enter TV mode, as shown below:

TV interface

1. Prev./Next channel
2. Automatic scan channels
3. Select previous/next frequency
4. Format switch

AUX input

Click menu to enter AUX mode, as shown below:

AUX interface

1. Click to enter PIP

iPod interface

Click menu to enter iPod mode, as shown in Fig. A1:

iPod music interface

1. Show contents
2. Prev./Next
3. Play/Pause

iPod video playing

1. Repeat playing
2. Video playing
3. Audio settings

Beep is optional.

4. Time adjustment

Click the Up/Down button to adjust the year, month, day, hour and minute, and set the time format.

5. Car symbols

Car symbols 1

Car symbols 2

6. Sound effect

7. Calibration

Click "Calibrate" in "Menu" to enter calibrate interface. A cross cursor appears in the interface, click the cross center (A, B, C, D, E) according to prompt to complete the calibration.

8. Steering wheel control settings

A. Please note before installation:
1) Do not connect the steering wheel control wires KY1 and KY2 to power supply higher than 5V, and do not connect to the ground.
2) Make sure whether the vehicle has steering wheel control function before installing.
3) Refer to the "Wiring Diagram" in the manual before installing.
4) Connect KY1 (brown) and KY2 (white) to the steering wheel control wire of the vehicle and connect GND (black) to the ground.

Steering wheel control wire

B. Operation after installing the wire
1) Click the "i" icon in the main interface to enter the second page of the main menu, as indicated by the arrow in the picture below:

2) In steering wheel control interface, press and hold the steering wheel button according to the prompt, select the desired function button, click the button and the configuration completes automatically. Set other function buttons in the same operation, as indicated by the arrow in the picture below:

Note: Turn off the device after setting the steering wheel, and it doesn't require setting when the device is restarted.
Precautions of remote control

Point the remote emitter of the remote control to the remote receiver of the device and perform operations.

1. Press and hold plug 1 and pull out the battery slot.
2. Keep the surface with (+) and (-) facing upwards and insert the button battery.
3. Pull out the battery slot.

Remote control diagram

1. Power button
2. Mode switch button
3. Pause/Play button
4. Mute button
5. Band/System button
6. Enter button
7. Stop/Back button
8. Program/parental code button
9. Channel/width button
10. Repeat playing/Auto memory
11. Random/short range remote control button
12. Playing time display button
13. PBC playing
14. Number settings button
15. Subtitle settings button
16. Setting menu button
17. Title contents setting button
18. Slow playing button
19. Angle setting button
20. Audio settings button
21. Zooming button
22. Track selection/DVD track selection button
23. Fast forward button
24. Audio channel switch button
25. Playing time setting button
Advanced operation

1. Menu selection
Press the direction buttons → ↑ ↓ ← to select desired menu and then press ENTER or ✂️ to confirm.

2. Band/system selection
In radio mode, pressband to select the receiving band. Press and hold this button to select the TA function.
In disc playing mode, pressband to select AUTO/PAL/NTSC. Press and hold this button to select the TA function.

3. VOL+/-
Press VOL+VOL- to turn up/down the volume.

4. Tune/Track selection/Fast rewind/Fast forward
In radio mode, press moves to repeatedly scan radio channels manually; press and hold ▲ or ▼ to scan the channels automatically. In disc playing mode, press and hold ▲ or ▼ to select the desired program, or press ▼ or ▲ to select the previous or next program.

5. Program playing
In DVD, VCD, CD or MP3 mode, press the button to have the programming interface, in which you can set desired titles and tracks, and press ▲ to play.

6. OSD
In CD/VCD/DVD mode, press to show the played time, left time, total time, played tracks and disc contents on the screen.

7. Volume/Bass/Treble/Balance selection
Press to repeatedly select desired mode.

8. Repeat playing/Auto scan
In disc mode, press the button to select Repeat chapter, Repeat title, Repeat all, or OFF (the mode depends on the disc format).

Note: In disc mode, the default setting is Repeat all.

2. In radio mode, press to scan and store every channel.

9. Random playing
In playing state, press button to activate/deactivate random playing; if this option is activated, the playing will be in random.

10. Number buttons
In radio mode, press a number button (0-6) to select a channel saved in the band.
In disc playing mode, press (0-10+) to select a track; for example, if you want to select track 15, press 10+ and 5, and track 15 will be played.

Note: In PBC playing mode, number buttons are invalid.

11. Left/right audio channel/Stereo selection
In disc playing mode, press repeatedly to select left/right channel/stereo.

Note: In surrounding mode, five effects are available; in VCD mode, you can find different image effects.

12. Playing PBC (menu)
In DVD/VCD mode, when you first press PBC, the PBC playing starts. The disc menu appears on the screen. Press (0-10+) to select desired track. To switch the track while playing, press ▼ to return to the menu, and press PBC again to cancel PBC playing.

13. Subtitle selection
In DVD mode, press SUB to select the language.

14. Setting disc playing time
In disc playing state, press the button to display the chapter, title and time on the screen, press 0-10+ to enter desired playing time, press ENTER to confirm, and the device plays the selected state automatically.

15. Mode switch
Press the MODE button to switch to Radio, Disc, SD, USB, TV, Input or GPS.

16. Stopping playing
In DVD mode, press ▼ to pause, press Play to resume the playing and press it again to stop playing.

17. Angle button
In DVD playing mode, press ANGLE to watch the DVD in different angles.

Note: Certain DVD doesn't support this function, so do MP3, VCD and CD.

18. Slow rewind/Slow forward
In DVD/VCD playing mode, press SLOW once to play in 1/2 speed, 1/3 speed for twice, 1/4 speed for the third time, 1/5 speed for the fourth time, 1/8 speed for the fifth time, 1/7 speed for the sixth time, and resume normal playing for the seventh time.

Note: MP3/CD mode doesn't have this function.

19. Settings
1) In playing mode, press SETUP on the remote control.
2) The settings menu is shown below.

3) Press the direction buttons → ↑ ↓ ← to select an item.
4) Press ENTER.

I. System
This setting interface includes TV system, Auto play, Video output, Aspect ratio, Password, Rate, and Default. Please refer to system settings menu for details.

II. Language
This setting interface includes all language options of OSD menu. Please refer to language settings menu for details.

III. Audio
This setting interface includes all audio items. Please refer to audio settings menu for details.

IV. Video
This setting interface includes all video items. Please refer to video settings menu for details.

V. Dolby Digital
This setting interface includes all digital setting items. Please refer to digital settings menu for details.
System settings

TV system
- NTSC
- PAL
- AUTO

Auto play
- ON
- OFF

Video output
- 4:3 PS
- 3:2 PS
- 16:9

Aspect ratio
- 4:3
- 16:9

Password
- 1KID SAFE
- 2 G
- 3 PG
- 4 PGB
- 5 PG-R
- 6 R
- 7 NC-17
- 8 AOU1 T

Rate
- [Children]: This rate is suitable for all children.
- [G]: This rate is suitable for the people of all ages.
- [PG]: This rate requires guidance of parents.
- [PG13]: This rate is suitable for children older than 13.
- [PG-R]: Select this rate if the DVD is printed with "PG-R".
- [R]: The children younger than 17 should be guided by their parents.
- [nc-17]: The children younger than 17 shouldn't watch.
- [Adult]: This rate is suitable for all adults.

Language

OSD language
- ENGLISH
- GERMAN
- SPANISH
- FRENCH
- ITALIAN
- RUSSIAN

Audio language
- ENGLISH
- GERMAN
- SPANISH
- FRENCH
- ITALIAN
- RUSSIAN

Subtitle language
- ENGLISH
- GERMAN
- SPANISH
- FRENCH
- ITALIAN
- RUSSIAN

Menu language
- ENGLISH
- GERMAN
- SPANISH
- FRENCH
- ITALIAN
- RUSSIAN

Note:

TV system
This device can play the discs burned in PAL or NTSC format. Select NTSC format when it is connected to NTSC TV, and select PAL format when it is connected to PAL TV.

Aspect ratio
1. 4:3 plane scanning
   Play in plane scanning mode (the left and right edge will be cut off if it is connected to wide screen display).
2. 4:3 mailbox
   Play in mailbox mode (black strips appear in the top and the bottom if it is connected to wide screen display).
3. 16:9
   Select this option if it is connected to wide screen TV set.

Password
Type the password and press ENTER. Type the old password (default: 0000), type new password, repeat the new password and then press ENTER.
**Audio**

- **Digital output**
  - SPDIF/Off
  - SPDIF/Source code
  - SPDIF/PCM

- **Tune**
  - +4
  - +2
  - 0
  - -2
  - -4
  - b

- **Image selection**
  - Reset
  - ON
  - OFF

- **Frequency spectrum**
  - ON
  - OFF

**Note:**

**Digital output**

Activate audio output from SPDIF/Off to SPDIF/RAM or SPDIF/PCM. SPDIF/Off All analog and fiber signals SPDIF/RAM If the disc is burned with Dolby Digital, DTS or MPEG, the connected power amplifier must be integrated with Dolby Digital, DTS or MPEG decoding function. SPDIF/PCM Please select this option if this device is connected to 2-channel digital stereo power amplifier and the played disc is burned with Dolby Digital or MPEG. The analog or fiber output will be modulated to 2-channel output by PCM.

**Video**

- **Brightness**
  - 12
  - 10
  - 8
  - 6
  - 4
  - 2
  - 0

**Dolby Digital**

- **Output mode**
  - Line
  - RF adjustment
  - FULL
  - 6/8
  - 4/8
  - 2/8
  - OFF
  - Stereo
  - Left channel
  - Right channel
  - Mixed

- **Dynamic range**
  - 12
  - 10
  - 8
  - 6
  - 4
  - 2
  - 0

- **Left + Right**
  - 12
  - 10
  - 8
  - 6
  - 4
  - 2
  - 0

- **Saturation**
  - 12
  - 10
  - 8
  - 6
  - 4
  - 2
  - 0

- **Hue**
  - 12
  - 10
  - 8
  - 6
  - 4
  - 2
  - 0

- **Sharpness**
  - 12
  - 10
  - 8
  - 6
  - 4
  - 2
  - 0

**Note:**

**Video setting is available only in TV/AV mode.**

### 20. Title

In DVD/VCD playing mode, press TITLE to show all the titles on the screen. Press the direction buttons to select a desired track and press ENTER or ▶ to play.

**Note:**

1. No title displays in MP3/CD mode.
2. Press TITLE to select desired track or movie.

### 21. Zoom

In DVD/VCD playing mode, press ZOOM once to zoom in 2 times, zoom in 3 times for twice and zoom in 4 times for the third time.

**Note:** The zooming function is unavailable in CD/MP3 playing mode.
## Troubleshooting

<table>
<thead>
<tr>
<th>Failure</th>
<th>Reason</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>No power supplied</td>
<td>The wire isn't connected properly</td>
<td>Check whether the wire is connected properly</td>
</tr>
<tr>
<td></td>
<td>Fuse melted</td>
<td>Check whether the fuse is melted, and replace if yes</td>
</tr>
<tr>
<td>Remote control is invalid</td>
<td>Battery capacity low</td>
<td>Replace a new battery</td>
</tr>
<tr>
<td>Can't play</td>
<td>The disc is dirty</td>
<td>Clean or replace a disc</td>
</tr>
<tr>
<td>No sound</td>
<td>The end wire isn't connected properly</td>
<td>Connect the end wire properly</td>
</tr>
<tr>
<td>Can't play</td>
<td>Disc format isn't supported</td>
<td>Check the disc type</td>
</tr>
<tr>
<td>Can't play</td>
<td>The brake wire isn't grounded</td>
<td>Ground the brake wire</td>
</tr>
<tr>
<td>Can't play, parent lock on</td>
<td>Disc is bad or damaged</td>
<td>Replace high quality disc</td>
</tr>
<tr>
<td>Can't change subtitle language</td>
<td>Parent lock is activated</td>
<td>Deactivate parent lock or change the rate setting</td>
</tr>
<tr>
<td>No touch, defective</td>
<td>The DVD doesn't contain multiple languages</td>
<td>Replace a disc burned with multiple languages</td>
</tr>
<tr>
<td></td>
<td>Operation disordered</td>
<td>When reading disc/USB card, press then ZOOM, ZOOM. If and Hoy in sequence to have the calibration cursor (small circle), and click the circle until &quot;OK&quot; to complete the calibration or turn off to read.</td>
</tr>
</tbody>
</table>