

TOUCH SCREEN WITH AV/DVD/USB/GPS/BLEETOOTH

INSTRUCTIONS



CONTENT

1、 Chapter 1 Function Description.....	
2、 Chapter 2 Basic Operation.....	
2.1 Remote control	
2.1.1 Remote control showing.....	
2.1.2 Remote control using Illustration.....	
2.2 Back out/input Illustration.....	
2.2.1 Back out/input Illustration.....	
2.3 Keystroke Illustration.....	
3、 Chapter 3 Main function illustration.....	
3.1 Basic Operation.....	
3.2 Basic Operation of Touchscreen.....	
3.2.1 DVD Function	
3.2.2 TV Function.....	
3.2.2.1 TV Function Operation Illustration.....	
3.2.3 Radio Function.....	
3.2.3.1 FM/AM Radio Operation showing.....	
3.2.4 AV Function.....	
3.2.4.1 AV Operation showing.....	
3.2.5 USB/SC Function.....	
3.2.6 GPS System.....	
3.2.7 Bluetooth Function.....	
3.3 Setting Function.....	
3.3.1 Setting Audio.....	
3.3.2 Setting picture.....	
3.3.3 Setting Clock.....	
3.3.4 Buzzer on/off.....	
3.3.5 Black Screen.....	
3.3.6 Exit.....	
3.4 Operation of DVD Function.....	
3.5 Illustration for Backward a Car.....	
4、 Chapter 4 Installation Illustration.....	
5、 Chapter 5 Safety for Using.....	
5.1 Warning.....	
5.2 Safety for Using.....	
5.3 Note for Using Disc.....	
6、 Chapter 6 Main Capability Illustration.....	
7、 Chapter 7 Troubleshooting.....	

Chapter 1 Introduction

1. Function

- 1> Built-in DVD,FM,AM,TV,AV, Bluetooth AND connection outside GPS
- 2> Compatible for DVD, SVCD,VCD,DVCD,MP3,CD,CD-R,DVD-R,DVD-RW,DVD+RW,DIVX,XIVD and MPEG4
- 3> Adoption TFT LCD Monitor, 16:9 High Definition Wide Screen
- 4> Touch screen Could be individuation Operation for OSD
- 5> One Stereo Audio and two Video output, It's convenience for connection input of front Audio of outside (FR、 FL、 RR、 RL) Combination whole Car entertainment system
- 7> TV receiving from antenna input of two so it's enhance to the sensitivity of receiving TV Program
- 8> DVD could be memory latest program
- 9> Clock function could be see about present time
- 10> Automatically Switch the rear-view condition in LCD Screen, when moving backward.
- 11> The function of control for outside connection AMP in order to avoid voice of impact

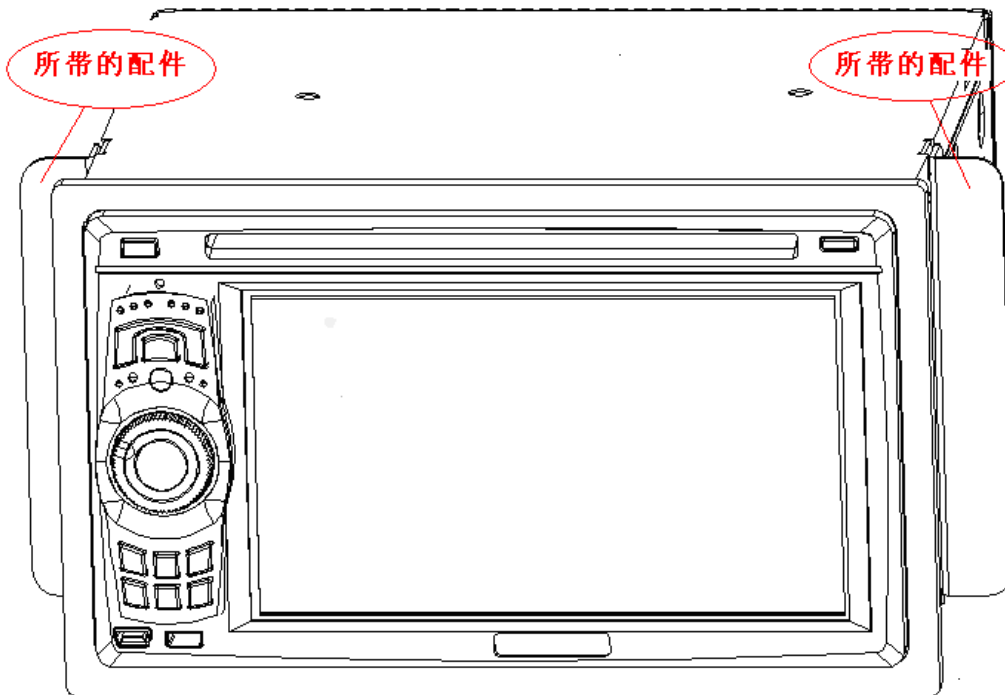
13> 在 GPS System

- 1> When on driving, please close the Monitor
- 2> When watching the car, please don't let the product exposure outside, otherwise it will possible be wet and lead to short circuit, fire and other risk
- 3> When your car are exposed under sunlight in a long time, Please decrease the inside car temperature before use the machine.
- 4> This product is power by 12V DC., please do not use paranormal adaptor
- 5> Please do not put other abject into the disk slot
- 6> In order to your safety driving, please try best to keep low volume and close the screen.
- 7> Please don't put a dirty, scratched, distortion disk into the slot
- 8> To avoid any scratch, please don't put the disk on the spiny object
- 9> Please don't put the disk under circumstance of sunlight, dust and wet
- 10> Please don't use nonstandard disk
- 11> Please use wet & soft with propel cloth to swab the disk surface slightly.
- 12> Unit using High Definition TFT color LCD Monitor, built-in DVD, FM, AM, TV ,Bluetooth,GPS Backward a Car Front of four sound track Audio output, and it's more convenience for installation Simply for connection radiationless generation low consumption not twinkle color is floweriness of reality, The Characteristics of shape is small and exquisite suitable for installation any kind of Car

3. Warning

- 1> To avoid fire or short circuit, please do not exposure the machine in sunlight and wetting place
- 2> In safety for your driving, please do not watch the machine when you are on driving
- 3> This product is belong to laser light products, please do not put your eyes towards to the beam of light
- 4> Non-professional please do not open the machine, when occur failure, please find a professional or appointed repaired station to repair it, please never try to do it personally.

4. Installation Illustration



- 1> Set up all spare parts same like as above picture
- 2> Check every connection if correct.
- 3> Use the tool to setting the screws.

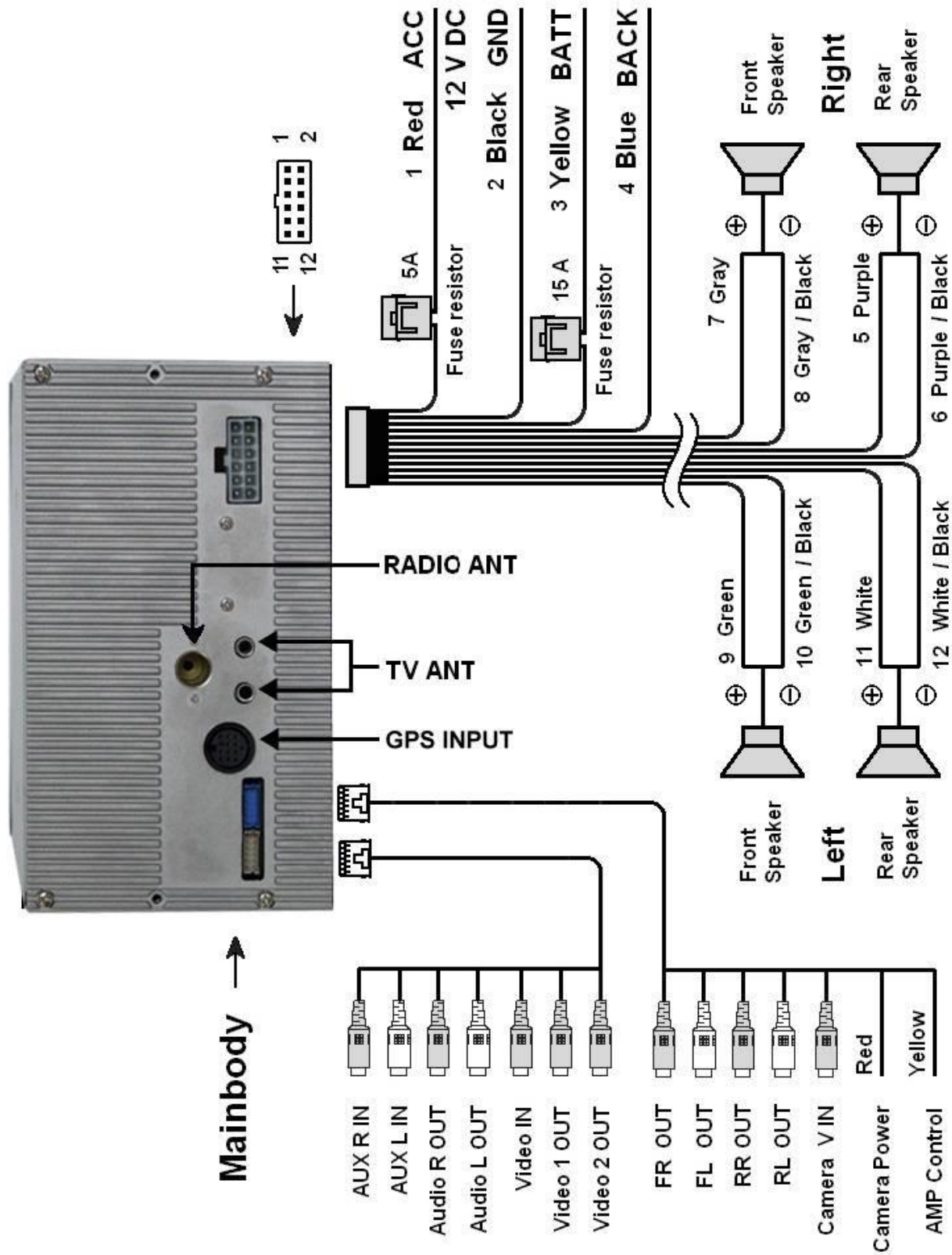
▲ Attentions :

Please try best to install the machine by professional. If you have difficulty in installation, please consult with your local authorized organization.

- 1> Power supply is from 10 to 1V
- 2> Please comply to the menu connect the cables, any wrong connection with cable will lead to damage the machine
- 3> Please check up carefully all cable connection and then connect the power cable
- 4> In order to avoid any damage of your machine, Please insulate all exposure cables before use
- 5> Please fix up all power connector before installation the machine
- 6> Please read this menu carefully before connect the machine
- 7> Due to this product is a high precision equipment, please keep away from below site:
 - A、 place of strong sunlight or other high temperature
 - B、 unsafe and vibrative place
 - C、 Wet and dusty place

















Chapter 2 Basic Operation

2.1 Illustration for Power and Signal



2.2 Illustration for Remote Control Console




- 1> "VOLUME" Button: control volume minish or accretion
- 2> "MODE" Button: Mode Switch DVD, FM/AV, TV, AV, USB, BT, GPS
- 3> "  " Button: On/off for power
- 4> "ZOOM" Button: Zoom in Only DVD mode
- 5> "  /Search" Button: pass in and out disc
- 6> "  /BACK MAP" Button: In DVD mode Play or Pause; In Bluetooth mode Play or Pause; in GPS mode back map
- 7> "  /Terminal" button: press one time memory stop, press two times stop whole/ Quick view "Destination setting" interface
- 8> "  / CH-" Botton:
- 9> "  / CH+" Botton:
- 10> "SETUP" Botton:
- 11> "  / Destination" Botton: Speediness back
- 12> "  / Locus" Botton:
- 13> "R / L" Botton: Switch sound track
- 14> "EQ" Botton: Switch effect of sound
- 15> "  " Botton: In the TV mode return former programe, In the DVD mode repeat present programe
- 16> "0~9" Botton: Directely choice programe
- 17> "MENU" Botton: Enter main function menu for setting
- 18> "  ,  ,  ,  " ENTER Botton: Moving cursor and change option parameter of direction botton, Be sure and save setting
- 19> "  / Back" Botton: buzz off or backing out
- 20> "  / Console" Botton: receiving call or
- 21> "DISP" Botton:
- 22> "TITLE" Botton: In the DVD could be choice for skip of programe or chapter
- 23> "P . P" Botton: Switch different picture; SHARP MILD STANDARD and PERSONAL
- 24> "  " Botton: Switch whisht or sound
- 25> "SYS/Band" Botton: In the TV state could be setting PAL-DK、PAL-I、PAL-BG、SECAM-DK、SECAM-BG 或 NTSC-M、

PAL-N、PAL-M;












3.2 DVD Function


Touch  icon, enter into below OSD-002 interface

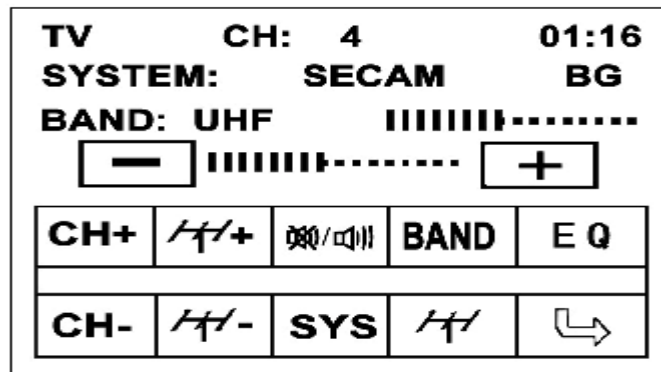


OSD-002

- 1> “” Open button: Press to open the inspection to put DVD dish.
- 2> “” Play/Pause Button: The DVD player will play /Pause and the screen will show The current state on the left.
- 3> “” Stop Button: Stop playing DVD
- 4> “” Next Button: Go to next track when press each time
- 5> “” Previous button: Return to previous track when press each time
- 6> “” 执行 DVD 快进播放
- 7> “” 执行 DVD 快退播放
- 8> “+ & -” Volume Adjustment Button: Press + to increase the volume and Press “-” to decrease the volume.
- 9> “” Mute Button: Switch current volume statue to MUTE mode.
- 10> “R / L” Right or Left track Button: shift to right track or left track when press
- 11> “EQ” Sound Effect Quality Button: Shift the sound effect
- 12> “” Exit Button: Exit current OSD interface (It has the same function on different interfaces)

3.3 TV Function

Press  on the main interface enter into follow OSD-003 interface, read 3.4 chapter on specific TV operation instruction



1> SYSTEM Shift SYSTEM Button: Shift systems upon yours needs. PAL I/DK/BG, NTSC, SECOM DK/BG/L/LL or PAL-N, PAL-M, NTSC-M

2> Mute Button: First touch icon, the system will turn to mute status, Second touch, it will resume the sound output. (It has the same function on different interfaces)

3> Play TV function: Touch the “ TV ” icon, press the “ AV/TV ” button on the panel, or press the MODEL button on the remote controller all can switch current system status to TV playing status.

4> Search TV programs function: Touch the “ ” icon on the screen or press the “ ” button on the panel to automatic searching the TV program. It will automatic memory all programs and turn to playing the first TV program after finish searching.

5> Select channels function: Directly touch the screen “ CH+ , CH- ” or press “ ” button on the panel to select the program which you like.

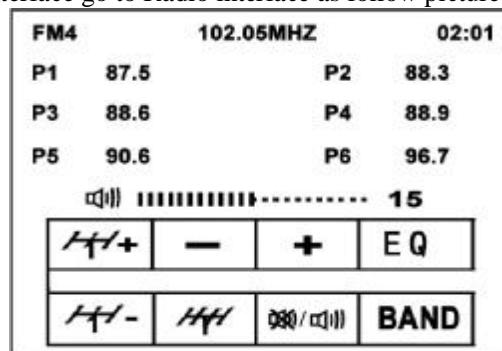
6> Slight Modulation function: when the program not as clear as you want, you can touch “ , ” button to modulate the current program

7> “ EQ ” Sound Effect Quality Button: Shift the sound effect

8> “ + & - ” Volume Adjustment Button: Press “ + ” to increase the volume and Press “ - ” to decrease the volume.

3.4 Radio Function

Touch Icon on main Menu interface go to Radio interface as follow picture OSD-004



OSD-004

1> FM/AM BAND select: Touch “ BAND ” or “ ” on front panel can select the channel on the band upon his favor, Every band can store 6 channels.

2> Mute Button: First touch icon, the system will turn to mute status, Second touch, it will resume the sound output. (It has the same function on different interfaces)

3> Automatically search stations: Touch “ ” or “ ” on front panel can search program automatically.

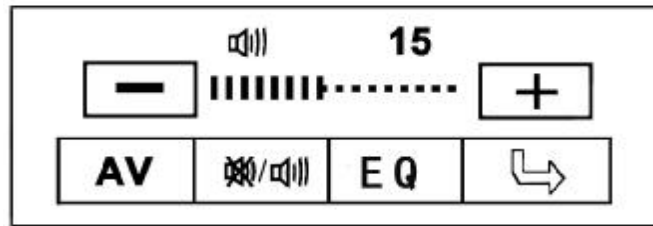
4> “ EQ ” Sound Effect Quality Button: Shift the sound effect

5> Select channels function: Directly touch the screen “ , ” or press “ ” button on the panel to select the program which you like.

6> click the P1-P6 and can directly receive the current programs.

3.5 AV function


Press on main Menu, go to AV input interface, as picture OSD-005, specific introduction is as follow



OSD-005










- 1> Connect well the “VIN、 AIN-L、 AIN-R” and so on AV cables
- 2> Go into main Menu, touch AV Icon or use remote control, or press Mode directly, the system will switch into AV status.

3.6 USB Functions


Press  on main Menu, go to USB input interface, as picture OSD-006, specific introduction is as follow



OSD-006

- 1> “” Open button: Press to open the inspection to put DVD dish.
- 2> “” Play/Pause Button: The DVD player will play /Pause and the screen will show The current state on the left.
- 3> “” Stop Button: Stop playing DVD
- 4> “” Next Button: Go to next track when press each time
- 5> “” Previous button: Return to previous track when press each time
- 6> “” fast ahead
- 7> “” fast return
- 8> “+ & -” Volume Adjustment Button: Press + to increase the volume and Press “-” to decrease the volume.
- 9> “” Mute Button: Switch current volume statue to MUTE mode.
- 10> “R / L” Right or Left track Button: shift to right track or left track when press
- 11> “EQ” Sound Effect Quality Button: Shift the sound effect
- 12> “” Exit Button: Exit current OSD interface (It has the same function on different interfaces)

3.7 GPS Function Instruction

Press  on the main page, enter into GPS interface (different GPS NAVI Software will have different interfaces) as follow Picture


3.7.1 Software Request

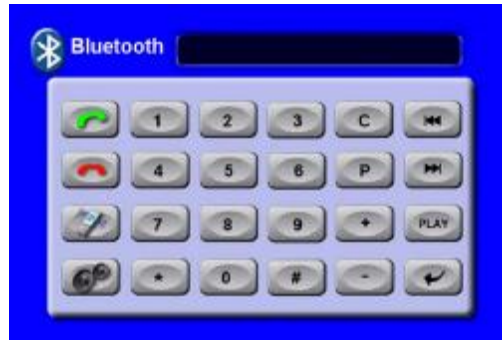
- 1> The operating system is wince.net 4.2 CORE;
- 2> Software edit type is ARMV4, if you need SDK, please contact us;
- 3> Composite video output required the resolution of navigation software should be 320*240
- 4> If you want to use the remote or touch control operation, then you just need to provide the code of the remote or touch controller and the corresponding code value of the navigation software.

3.7.2 Software Install













- 1> Insert the SD card with navigation software.
- 2> After starting, click the “Option” button, enter into the option interface.
- 3> Click “Navigation setting” button to set up the navigation path
- 4> In “Navigation setting”, click the “Open file” button to select a navigation application (usually is EXE. file), then you can select the option of “Activate navigation software automatically when start”, so that you can run the navigation software directly when system starts;
- 5> After select the navigation application, exit the “Navigation setting” interface, click the “Navigation” button and run the navigation software

3.8 Bluetooth Function


Press  on main menu interface, go to blue tooth function interface, as picture: OSD-007




OSD-007

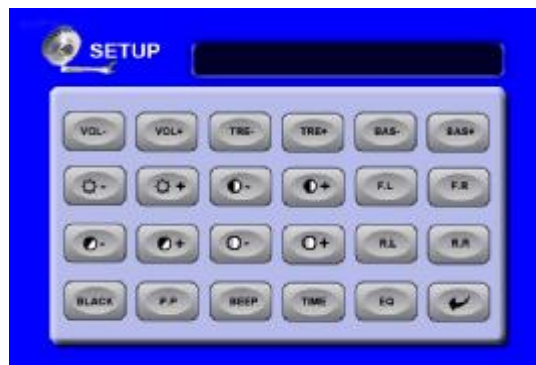
- 1> Press “  ” icon: receive the phone.
- 2> Press “  ” icon: hang up the phone.
- 3> Press “  ” icon: match and cut off the connection with the Bluetooth mobile
- 4> Press “  ” icon: Delete one character.
- 5> Press “  ” icon: match the blue tooth and mobile again.
- 6> Press “  ” icon: Increase the sound.
- 7> Press “  ” icon: Decrease the sound.
- 8> Press “  ” icon: Play previous song.
- 9> Press “  ” icon: Play next song;
- 10> Press “  ” icon: Connect MP3 and Play songs.
- 11> Press “  ” icon: Secede blue tooth mode
- 12> Press “  ” icon: can hear the voice from the blue tooth when use the mobile and return to mobile also.

Warning],

- a. If “  ” appears means no connection to blue tooth.
- b. when different mobile connected, will have reminding sound etc.


3.9 SETUP FUNCTION


Press  icon on main page interface, go to setup interface as picture OSD-008. It can adjust audio, setup picture, setup clock, Buzz sound switch and black screen etc.





OSD-007


3.9.1 Audio Adjustment

1> Press “  ” icon, can increase or decrease the sound.


2> Press “  ” icon, can adjust the output of high sound.

3> Press “  ” icon, can adjust output of low sound.


4> Press “  ” icon, can adjust the track, can increase or decrease the speakers sound on front left/right and back front/back.


5> Press “  ” icon, can shift sound effect output to popular, rock, classicality, cinema and hall etc.

3.9.2 Picture setup


1> Press “  ” icon, can adjust the brightness.

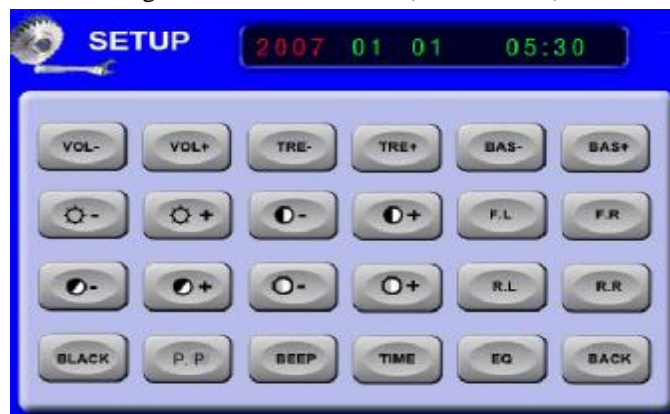
2> Press “  ” icon, can adjust contrast.

3> Press “  ” icon, can adjust color;


4> Press “  ” icon, shift picture mode: sharp, mild standard or personal.

3.9.3 CLOCK SET

On SETUP interface, press “  ” go to time set interface (as OSD-008)



OSD-008

1> 按 “  ” 键，可进行年月日和时间设置功能

2> 按 “  ” 键可移动年月日与时间设置，选各项目为红色，可按 “  ” 进行调整年月日与时间。

3.9.4 Buzz Sound Switch

Press “  ” icon on setup interface, it can realize Buzz sound open or close (Picture OSD-009 and OSD-010), when open, it will output Buzz Sound.




OSD-009



OSD-010

3.9.5 Black Screen

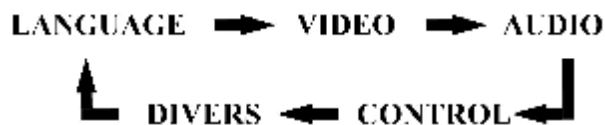
Press “  ” icon on setup interface, the screen will close. Touching any places on the screen can Reset the system.

3.9.6 Exit

Press “  ” icon, exit OSD interface and return to current playing status.

3.10 DVD Operation Instruction

Press the SETUP button on the remote control enter DVD menu, with direction buttons “ ↑, ↓, ←, → ” go to the section which you need to set, then press ENTER to confirm it. Press SETUP button again to exit DVD menu.



3.10.1 Language



1> OSD Language: Set languages and select Chinese, English, Russian, Spanish, Italian, Portuguese, German, French, Arabic

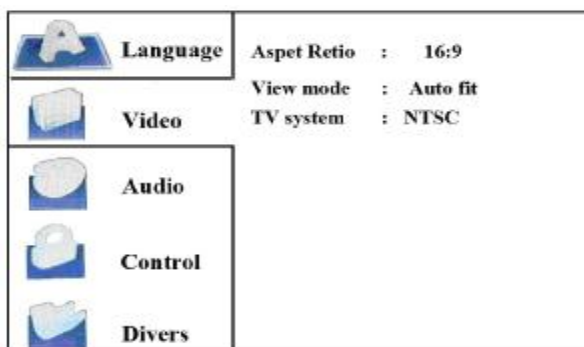
2> Subtitle: Chooses DVD playback captions language, there are English, Russian, Spanish, Italian, Portuguese, German, French, Arabic and it needs DVD dish support and auto close function.

3> DIVX subtitle: Setup DVD menu, choice the language of middle Europe

4> Audio: Chooses DVD playback sound language, in the table of contents, options includes English, French, German, Poland. Original edition, this function need DVD source support.

5> DVD menu Chooses DVD playback sound language, in the table of contents, options includes English, French, German, Poland, Original edition, this function need DVD source support.

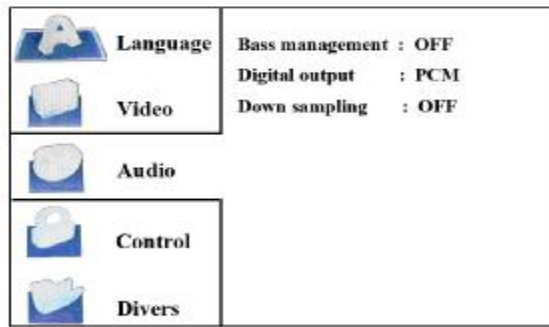
3.10.2 Video



1> Examine mode: when playing DVD, choice the screen size of TV system, could select fill in, original size, automatic adapt, full of screen.

2> TV system: establish the output model is PAL of NTSC

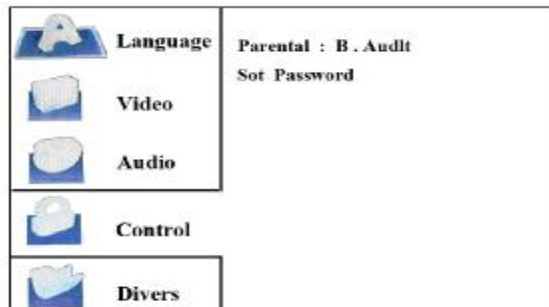
3.10.3 Audio



1> When playing DVD, allow to select ON or OFF for the bourdon.

2> When playing DVD, allow to select OFF, PCM or ALL for the digital output.

3.10.4 Grade

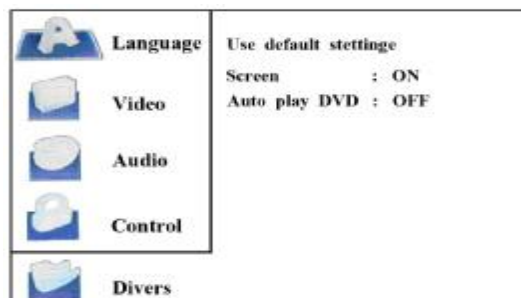


1> The factory default password is 8888

2> Set the rating for video content playback. Limiting violent and sexually explicit contents playback when during unauthorized playback.

3> If the disc has not been given a rating, then the display will show "Not rating", Kid Safe , G , PG , PG-13 , PG-R , R , NC-17 , Adult. This unit requires you to input the password if you're chosen rating is lower than the playback disc.

3.10.5 Other



1> Use default settings. There are two selections: Yes/No.

Yes = Return to use default setting

No = Close setup menu, play disc

2> Screen saver: Selection the saver setting allows the user to enable/disable the screen saver. The following options are available:

OFF=Disable screen saver

ON=Enable screen saver

3> Auto play DVD setup off/on

3.11 Illustration for Backward a Car

- 1> Connect well the back sight input line (CAM-VIN), the back sight power supply (CAM+12V)
- 2> Display the monitor. (can choice manual control or motorized)
- 3> Connect the power blue line +12V, when on any menu, will automatically appear the rear view condition in LCD screen when moving backward.

4. Specifications

Item	Specification
Supply voltage	DC 10~15V
Current consumption	4~15A
Working temperature	0°C~60°C
I/O option	1-channels video input, 2-channels video output
Screen dimensions	5.8 inches(diagonal)
Weight	2 Kg
Dimensions	178(W)×210(L)×50(H)
Resolutions	480(H)X 3 (RGB) X 234(V) pixels
Pixel dot pitch	0.107(H)×0.370(V)
DVD parameters	
Disc compatible	DVD / VCD / SVCD / CD / CD-R / MP3 / WMA
Signal noise ratio	>90dB
Distortion	<0.05%
Definition	>500 lines
System	PAL/ NTSC
RADIO parameter	
Range of frequency	FM: 87.5~108MHz AM: 520~1710KHz
Tuning mode	Phase-locked loop Frequency synthesis tuning
Display mode	LCD Panel display or OSD
Memory capacity	40 FM stations / 9 AM stations
Search mode	Automatic / Manual
TV parameters	
Receiving system	PAL、NTSC、SECAM、SECAM-L、PAL-M、PAL-N
Search mode	Automatic/manual
Memory capacity	125 channels
Channel parameters	VHF-L : 48.25~170.00MHz
	VHF-H : 170.00~450.00MHz
	UHF : 450.00~863.25MHz
Video output	1.0 V(p-p)、75Ω
Test voltage	12 V
Max power output	4×45W
Speaker resistance	4~8Ω
Output parameters	
Range of audio output	1.0 App.
Impedance of video output	75Ω
Impedance of audio output	600Ω
Video system	PAL / NTSC / SECAM

5. Troubleshooting

No power. Unit not able to operate	Lead wire connect mistake. Make sure Red (+) and black (-)	Re-Confirm power supply wires connection.
	Fuse Blown	Check fuse and replace fuse of identical rating if blown
No response to Remote Control.	Remote control operation mode is improper.	Switch to correct remote control pattern.
	Battery is weak.	Replace new battery.
	Some disc forbids operations.	Check with other disc.
Not able to play disc	Disc become dirty.	Clean disc.
	Disc formats not supported.	Re-confirm the disc format is supported by this player.
No playback Sound. Volume level not responding	Cable connection improper.	Reconnect the cable.
	In pause mode or in slow motion playback mode	When in Pause mode or slow motion Playback. No sound will be playback
The playback image stops (hangs), also this machine is unable to operate.	When Playback is unable to read the data.	Re-insert the disc, and replay the disc.
The playback video is out of proportion.	The display monitor screen proportion (ratio) set is improper.	For display monitor choice suitable hypothesis.

6. Problems during DVD playback

Symptom	Cause	Action (see)
Not able to play	Disc is of different Region Code not supported on this machine.	Exchange the Disc with another disc coded with the code supported by this machine.
Display locking information, moreover unable to playback.	fixed function already started.	Close locking function or changes its rank.
fixed function unable cancel.	Password is not correct.	Inputs correct password.
Unable to select Dialogue language (captions language).	No captions burnt into the DVD disc	Playback DVD does not have sub-title language option burnt-in. Try with other DVD disc with caption burnt-in
Non-captions display.	Cut only may carry on the item which dish piece function table instructs.	Use disc function table cuts.
Not able to regulate out the PBC(control playing) function	No PBC function burnt into the DVD disc	It's invalidation without PBC function
Not able to replay and search for time	The DVD with the PBC function	It's invalidation with PBC function