

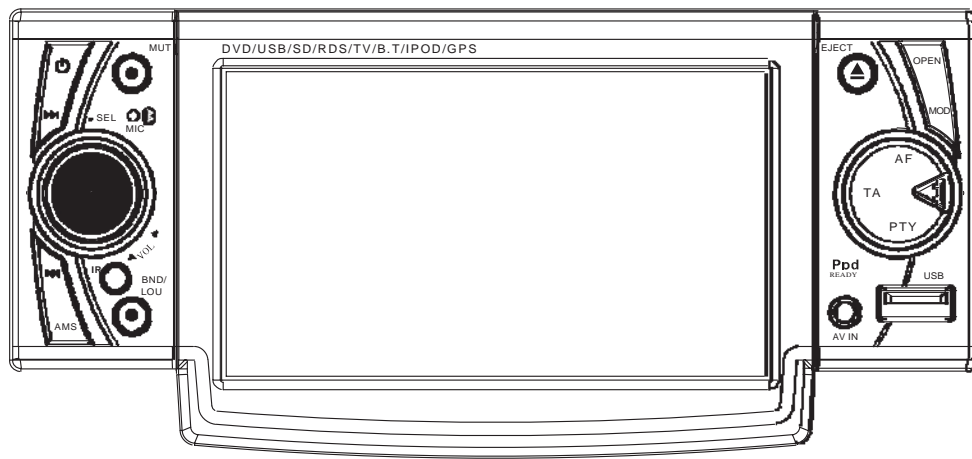
# USER MANUAL

*4.3 inch color TFT Display Car Multi-Media Player*

*IN-DASH TOUCH SCREEN TFT MONITOR*

*DVD/MPEG4/VCD/MP3/CD PLAYER*

*WITH AM/FM 2 BAND RADIO*



**Car Entertainment System**

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## ***Notes on installation***

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- ✧ *The unit is designed for 14.4V DC, negative ground operation system only. Before installing the unit, make sure your vehicle is connected to 14.4V DC negative grounded electrical system.*
- ✧ *The negative battery terminal must be disconnected before making connections, which can reduce damaging to the unit due to short circuit.*
- ✧ *Be sure to connect the speaker (-) leads to the speaker (-) terminal. Never connect the left and right channel speaker cables each other or to the vehicle body. Do not block vents or radiator panels. Blocking the will cause heat to build up inside and may result in fire.*
- ✧ *After the completion of the installation and begin to operate the unit (including replacing the battery), please press the reset button on the front panel with pointed objects (such as ball pen) to set the unit to initial status.*

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## Precautions

- The unit can play the following disc only

Type of Disc	Label on the disc	Recorded material	Size of disc
DVD		Video and Audio	12cm
VCD	 –	Video and Audio	12cm
CD		Audio	12cm
MPEG4/DIVX	 	Video and Audio	12cm
MP3/ WMA/JPEG	 	Compressed Digital Audio	12cm

**Note:** The unit is compatible with DVD,DVD+/-R, VCD 1.0/2.0/3.0, SVCD, CD, CD-R, CD-RW and JPEG

- ❶ DO NOT ATTEMPT TO MODIFY THE UNIT, MODIFYING THE UNIT MAY CAUSE AN ACCIDENT.
- ❷ STOP THE VEHICLE BEFORE CARRYING OUT ANY OPERATION THAT COULD INTERFERE WITH YOUR DRIVING
- ❸ DO NOT TURN ON THE UNIT IF THE TEMPERATURE INSIDE THE VEHICLE IS OUT OF -20C TO 60C
- ❹ THIS PRODUCT IS DESIGNED FOR ONE SINGLE VIDEO OUTPUT, PLEASE USE A SPLITTER IF YOU WOULD LIKE TO CONNECT FOR MULTIPLE VIDEO OUTPUT



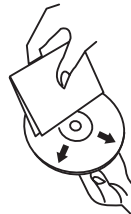
Handle the disc by its edge to keep the disc clean, and do not touch the surface



Do not use CDs with labels or stickers attached, which may leave a sticky residue while beginning to peel off



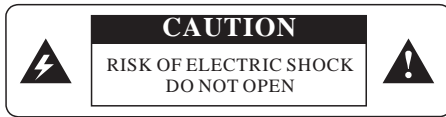
Do not use your CDs with paste residue or ink attached



Clean the discs with an optional cleaning cloth. Wipe each disc from center out.

## Precautions

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**WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER(OR BACK).NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightening flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



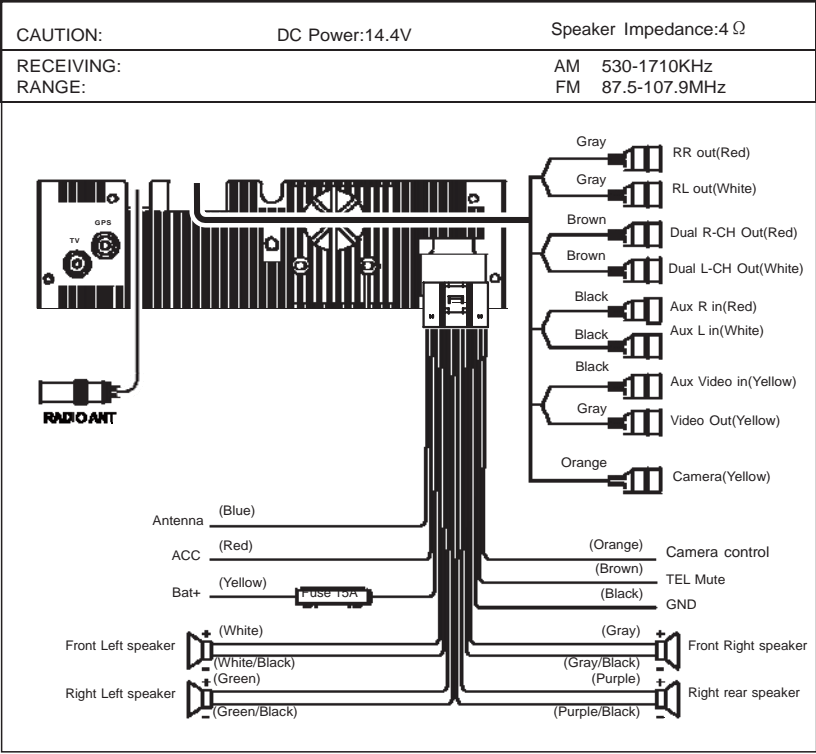
The exclamation point within an equilateral triangle is intended to alert user to the presence of important operating and maintenance(servicing) instructions in the literature accompanying the appliance.

### CLASS 1 LASER PRODUCT

**Laser product symbol:** located on the rear panel of the unit, indicate this player is a class laser product, only use weak laser and no hazardous radiation outside of the unit.

- 1.Read through this instruction manual before installation and use.
- 2.Do not touch the power plug with wet hand.
- 3.Switch off the main power when the unit is not in use.(Disconnect the power plug from the power outlet when you do not intend to use the unit for a prolonged period of time.) Before moving the unit, remove the disc from the unit/tray first.
- 4.Do not open the cover or touch any of the components exposed out of the unit, only for qualified technicians.
- 5.Do not expose the unit under direct sunlight or nearby objects that radiate heat to avoid damage the unit.
- 6.Do not place the unit in moist and humid conditions, which effect the pick-up of the unit lead to out of work.
- 7.Place the unit on a flat surface and ventilative condition, Please ensure the ventilation holes are not covered to avoid overheating and malfunction.
- 8.Clear the panel and case with soft dry cloth only, do not apply any kind of thinner, alcohol or sprays.
- 9.The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

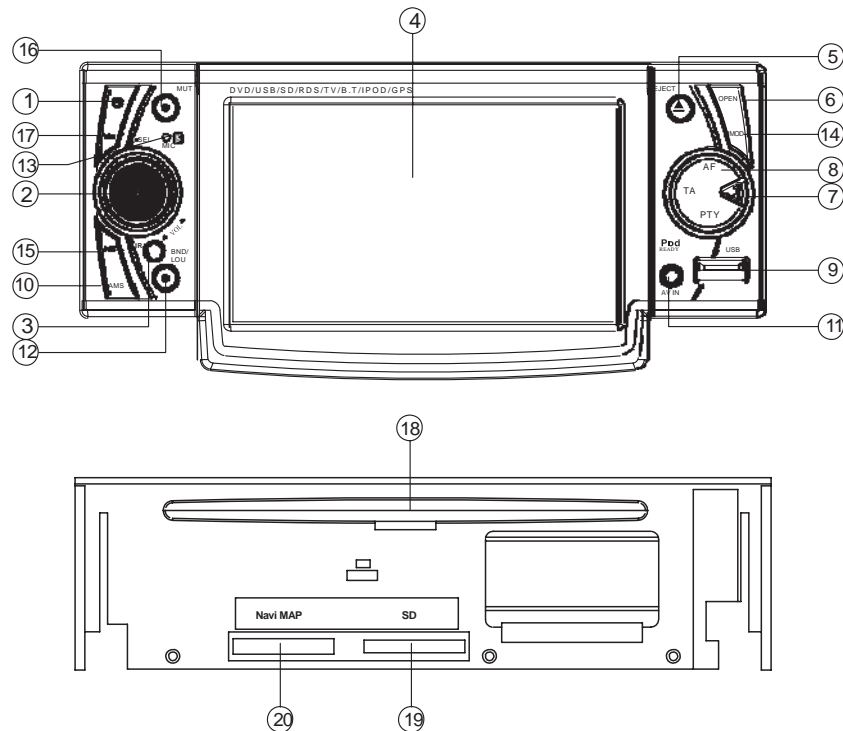
# Wiring Diagram



## AUTO MULTI-MEDIA PLAYER

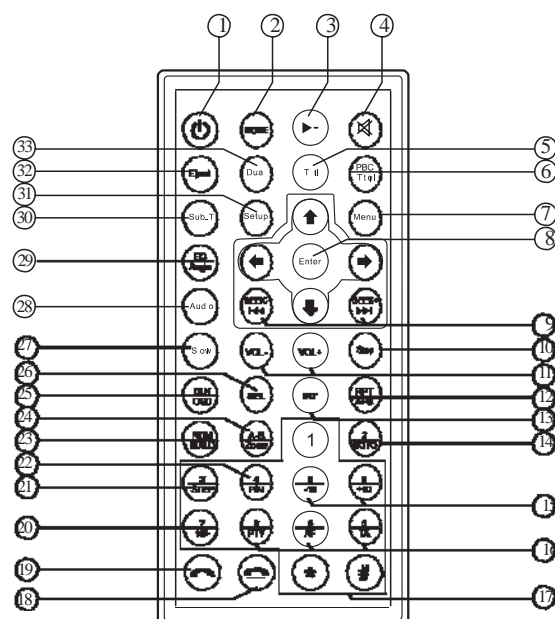
⚠ Only For 14.4V Negative ground System

## Control Panel Layout



- |   |                                |
|---|--------------------------------|
| 1. Power Button<br>(TFT ON/OFF)                           | 11. A/V IN (Audio/Video Input) |
| 2. Volume +/- & (SEL) Button                              | 12. BAND Button                |
| 3. IR Remote Control Sensor                               | 13. Microphone (only for B.T)  |
| 4. 3.5 inch Wide screen TFT LCD                           | 14. Mode Button                |
| 5. Eject Button   | 15. DOWN (⏮) Button            |
| 6. Open   | 16. Mute on/off Button         |
| 7. REL (⏸) Button   | 17. UP (⏭) Button              |
| 8. RDS Button<br>(AF/TA/PTY)                              | 18. Disc Slot                  |
| 9. USB/iPOD Slot  | 19. SD/MMC Memory Card Slot    |
| 10. AMS Button<br>(Automatic Search & Preset memory Scan) | 20. Navi MAP Card Slot         |

## Using The Remote control








- |   |  |
|---|--|
| 1. Power On/Off (⏻),<br>Background Light Switch             | 16. RDS Button(AF/TA/PTY)                          |
| 2. Mode Button  | 17. Number Key                                     |
| 3. Play/Pause   | 18. Hangup (Only for B.T)                          |
| 4. MUTE   | 19. Bluetooth Dialing (Only for B.T)               |
| 5. TITLE Button   | 20. 10+ Button                                     |
| 6. PBC Button   | 21. Step playback Button                           |
| 7. MENU Button  | 22. PAL/NTSC/AUTO Switch pattern                   |
| 8. ENTER Button   | 23. RDM/BD/LD Button                               |
| 9. Seek UP/Seek Down Button                                 | 24. Paragraph Repeat (A-B) /<br>Zoom in/out Button |
| 10. Stop Button   | 25. CLK ON/OFF, OSD Button                         |
| 11. Vol+/- Button   | 26. SEL Button                                     |
| 12. Repeat Playback (RPT)<br>Auto-storage scan (APS) Button | 27. Slow Button                                    |
| 13. INT Button  | 28. Audio Button                                   |
| 14. Playing Time Setting                                    | 29. EQ/Angle Button                                |
| 15. 10+/10- Button  | 30. Subtitle Button (SUB-T)                        |
|   | 31. Setup Button                                   |
|   | 32. Eject Button                                   |
|   | 33. Dual Button                                    |

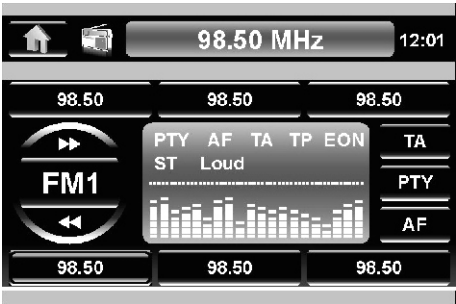


# BASIC OPERATION


## Power ON/OFF

- 1.Press  button to turn on the unit. When the unit is on:
- 2.Short press  button, turn off the monitor, press  button again to turn on the monitor.
- 3.Long press  button to turn off the unit.
- 4.The unit switch on, it will go to Radio mode automatically

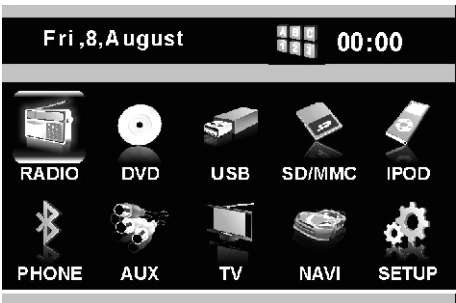
Press  button to enter as below main menu display screen, you can touch the icon of the screen to enter different mode.





## Clock Display


- 1、Click the icon  to access the clock setup interface.

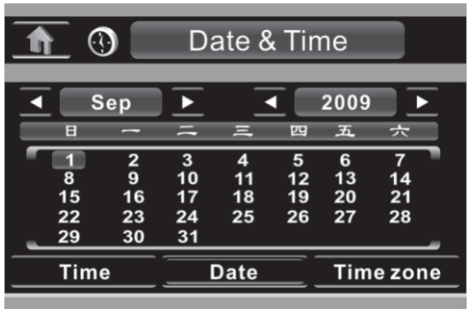
--Touch icon  Display Clock interface .





## Clock Setup mode

You can adjust each item by pressing the icon  or  in the touch screen.

--Click icon  system save and exit mode.



## Note:

After finishing setting, when you click the icon  to return the upper tier tools setup interface;click the icon  to exit the menu setup interface.

# Multimedia Playing

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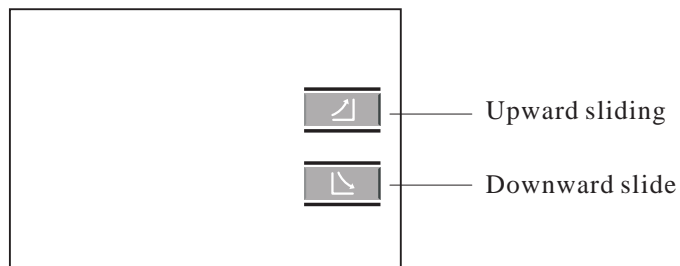
## Insert the multimedia disc

To enjoy the Music、Video、Picture:

1. DVD Video、DVD-R、DVD-R、MPEG4
2. VCD
3. Audio CD、CD-R、CD-RW
4. Only need to insert a disc with labeled side up into the disc slot, so the unit starts to play automatically. After leave this mode, you can press MENU button.
5. Press "EJ" Button to Eject the Disc.

## Viewing Angle

1. There are 3 angle , adjustment which is 15°, 30° and 45° respectively.
2. Press the button "OPEN" on the front Panel or on the remote control repeatedly to adjust the angle view.



## Multimedia Playing

### Playing/Pausing

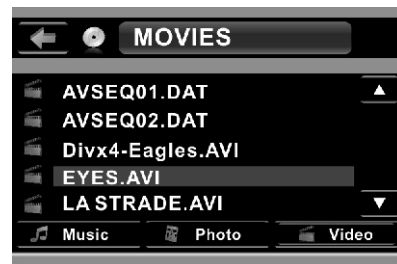
1. Insert the multimedia Disc、USB、SD/MMC Play the disc automatically.
2. Touch screen appears menu, press ►|| the broadcast display files.
3. Touch the icon || to pause the playing.
4. Touch the icon || again to playing the media
5. Touch the icon ◀◀ or ▶▶ shortly to skip the next or previous chapter.



### Folder Playing

#### MOVIE Playback Mode

1. Click the icon [Home] to exit the menu setup interface.
2. Click the icon [Folder] to play the move.
3. Touch screen icon ▲ / ▼ to select a file on the screen .
4. Click Remote control ►|| icon [Folder] and click the folder to playing



#### Audio Playback Mode

1. Click the icon [Home] to exit the menu setup interface.
2. Click the icon [Music] to play the Audio.
3. Touch screen icon ▲ / ▼ to select a file on the screen .
4. Click Remote control ►|| icon [Music] and click the folder to playing



#### JPEG Playback Mode

1. Click the icon [Folder] to exit the menu setup interface.
2. Click the icon [Image] to play the JPEG image.
3. Touch screen icon ▲ / ▼ to select a file on the screen .
4. Click Remote control ►|| icon [Image] and click the folder to playing

## Multimedia Playing

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### A-B Repeat (Paragraph repeat playback)

A-B repeat allows you to specify a paragraph of the current track to be repeated.

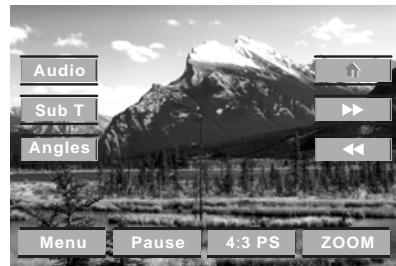
1. Press the "A-B" button to set the starting point of the section you wish to repeat. "REPEAT A-" will be visible on the screen.
2. Press the "A-B" button to set the end point of section you wish to repeat. "REPEAT A-B" will be visible on the screen.  
The unit will repeat the section of the current track you've just chosen from point "A" to "B".
3. To return to normal playback, press the "A-B" button again. "A-B Cancel" will be visible on the screen.

### Playing In Random Sequence

Briefly press the "X" button on the remote control or screen to switch the random mode on/off. If the random mode is on the tracks (files) in the disc or USB/SD/MMC memory card will be play in random sequence.

### Change the L/R Audio

In the state of VCD Playing, Press the AUDIO button repeatedly to select the sound mode of the MONO L, MONO R, MIX MONO and Stereo, no language function.



### Change the Audio Language

In the state of DVD playing, press the AUDIO button repeatedly on the IR remote control to select the desired language type. (depend on the media used)

# Multimedia Playing

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## Multi-subtitle Language Function

1. Multi-Audio Language Some DVD disc has multiple languages, allowing you to select the subtitle language recorded on disc.
2. Press the "SUB-T" button to switch between the different languages recorded on the disc during playback.

## Multi-angle Function

You can view the same scene at different angles if the disc has been recorded with multiple viewing angles. Press the "ANGLE" button during playback.

Angle 1/3

This example indicates that you are currently viewing the first of three available camera angles. Press the "ANGLE" button to select a different angle.

### Notes:

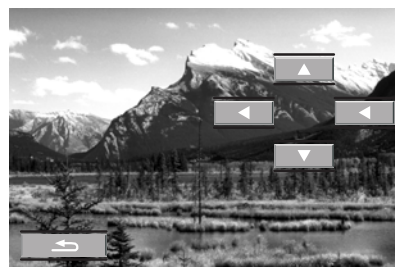
- Some time may be required for the angle to change.
- Depending on the disc, the viewing angle may switch in one of two ways.
  1. Seamless: The angle switches smoothly.
  2. Non-seamless: When the angle is switched, a picture is displayed first, after which the angle switches.
- The number of available viewing angles varies from disc to disc.
- The function only works for discs having scenes recorded at different angles.

## Rotate JPEG

During JPEG playback, press one of the “◀/▶/▲/▼” buttons to change the angle of viewing picture that is displaying as follows: ▶ 90 deg cw; ◀ 90 deg cw; up ▲ ▼-down; v: LEFT ◀/▶ Right

During JPEG playback, press the PROG button to change the mode of refresh picture.

During JPEG playback, press the STOP button to stop playing and return to the root menu.

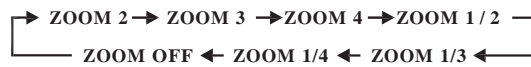


## ***Multimedia Playing***

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### ***ZOOM Function***

Press the ZOOM button repeatedly to enlarge or reduce the size of image according to the disc as follows:



### **USB Operations**

When you insert a USB device into the USB port, the DVD player will search and read the MP3/WMA/MPEG4 file in the USB device automatically.

If you insert a disc into the disc slot while reading the USB stick, the unit will play the disc. Press the MODE button on the head unit or MODE button on the remote control to switch to USB playback mode.

### **Using the SD/MMC card:**

SD/MMC card into the memory card slot, the DVD player will search and read the MP3/WMA/MPEG4 files in the SD/MMC card automatically.

If you insert a disc into the disc slot while reading the SD/MMC card, the DVD player will play the disc.

If you want to return the SD/MMC card playback mode, Press the MODE button on the head unit or MODE button on the remote control to switch to the SD/MMC card mode.

# Audio Setting

## Volume adjusting

- 1.Click Control Panel Layout "VOL+"and Using The Remote control"VOL+" Increasing the volume.
- 2.Click Control Panel Layout "VOL-"and Using The Remote control"VOL-" Reduce the volume.

## Mute ON/OFF

When the unit is switched ON, briefly press the “MUTE”button to switch mute on mute or OFF.

## Sound Setting

### Bass

This item is for Selecting Bass Setting.

### Treble

This item is for Selecting Treble Setting.

### Balance

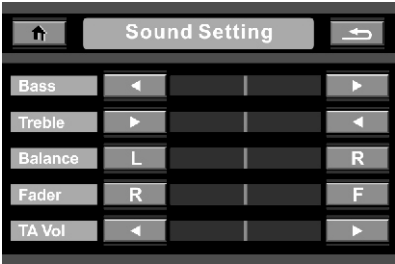
This item is for Selecting Balance Setting.

### Fader


This item is for Selecting Fader Setting.

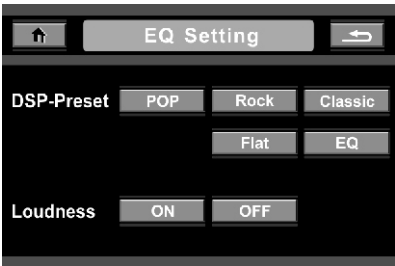
### TA Vol

This item is for Selecting TA vol Setting.



## EQ Setting

- 1.Press the remote control to access the EQ Setting on the monitor.
- 2.There are Setup Pages in all for the Menu. Touch the icon to select an desired setup.
- 4.Press the  button to Confirm it.



\_\_\_\_\_

## 98.50 MHz 12:01

\_\_\_\_\_ ST Loud \_\_\_\_\_

- [illegible]



	1	2	3
1	1		
2		1	
3			1

- Loudness ☒ ON ☐ OFF

\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_





# Bluetooth Operation

## Pairing and connection

- 1. Turn on the Bluetooth mode of the mobile phone:
- 2. Select the item to search the Bluetooth Device Find out the Bluetooth device. Select it and enter it , then it will show a has bluetooth and ask you to input a password, the password is "0000"and then enter it.
- 3. For some mobile phones, they can automatically connect with the BT device of the car audio system after pairing is OK; for some mobile phones, they need to select the paired BT device and press the CONNECTION button. When connection is OK, the LCD of the car audio system will show LINK OK

*When paring is failed, long press the PAIR button on the remote control to enter pairing mode, then the LCD will display PAIR START, then pair and connect with mobile phone again.*



## Use the mobile phone to do connection or disconnection

- 1:In the connection status,find the paired and connected bluetooth device, then press the disconnection button to do disconnection.
- 2:In the disconnection status, find the paired and disconnected bluetooth device, then press the connection button to do connection.
- 3:In the connection status: the audio of mobile phone transfers to the car audio system whenever a dialling takes place or receiving a call.



## Dial Call

- 1. In connect icon status,press the " " button to activate the bluetooth mode.
- 2. Touch the icon to bluetooth mode.

## Bluetooth Operation

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3. Input telephone number. simultaneously, the input number will be appear on the LCD. if a number is wrongly input, press the " ← " button to delete the incorrect number.

4. Touch the " 📞 " button to execute dialing.

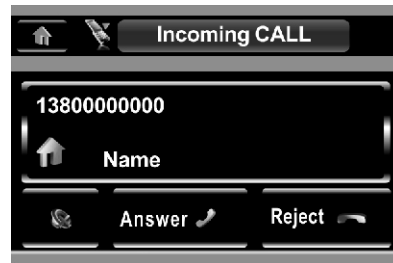
### Accept/Reject/End Call

#### Accept call

when a ring comes, press the " 📞 " button to accept call

#### Reject call

when a ring comes, press the " 📞 " button to reject the coming call.



### Listen the Bluetooth Stereo Music (A2DP)

1. Set your mobile phone Bluetooth to stereo music transmission

2. Play music through multimedia play application of your mobile phone.

3. Enter the Bluetooth mode.

4. Then you can hear the music which the Bluetooth transfer.

5. Press PLAY/PAUSE button to play or pause the music.

6. Touch the icon ►► or ◀◀ to skip the next or previous chapter.



#### NOTE:

This function requires your mobile phone supports the Bluetooth A2DP protocol.

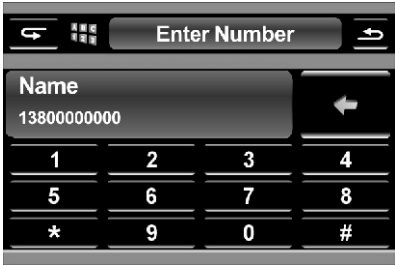
# Bluetooth Operation

## Phone book

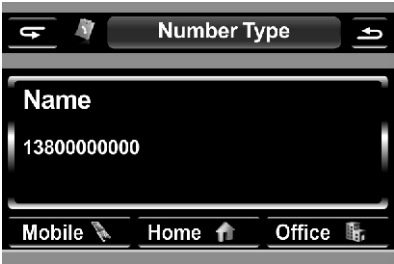
- 1. There are phone call memories 30.
- 2. In bluetooth statue, press Phone Book icon on the screen, if the display shows the phone book menu
- 3. Press icon on the screen, goto enter Name display.



- 4. Press icon, enter phone number.



- 5. Press icon, to select the save file location.





- 6. Press YES to save the call register. Press NO to cancel the call register.

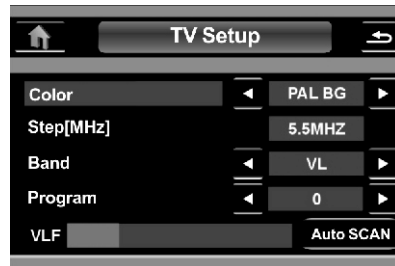


## TV & iPod Operation

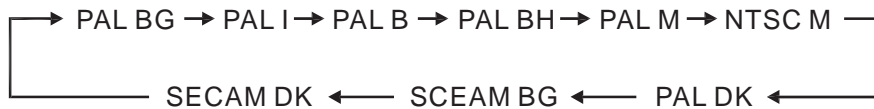
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### TV Operation (Option function)


1. Press MENU button to enter main menu display screen.
2. Touch the icon  to enter TV mode.
- 3.1. If touching the display screen, the TV OSD will be displayed
4. Touch the icon “APS” to automatically search and store the TV program station.
5. In TV mode, tapping any place on touch screen can display TV keyboard interface as right.
6. Touch the icon  exit setup.



To switch on a suited video color system and a suited TV accompanying sound system in TV mode, short press the BAND button repeatedly.



### iPod Ready operation (option function)

1. Press MENU button to enter main-menu display screen.
2. Touch the icon  to select the iPod mode. (Note: If don't connect the iPod, can't enter this mode.)
3. Touch every icon, you can operate iPod function.

## Navigation operation (option function)

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For the map of this GPS navigation system adopt SD/MMC card slot, be sure not to remove it from the SD/MMC card slot during using the GPS navigation system.

### Enter Navigation

Touch the icon  to enter Navigation Function.

The middle window will display setup function icon, Navigation, Map Path, GPS Info, Calibration, Sys Setting, Sys Info system message.



*Please see picture.*

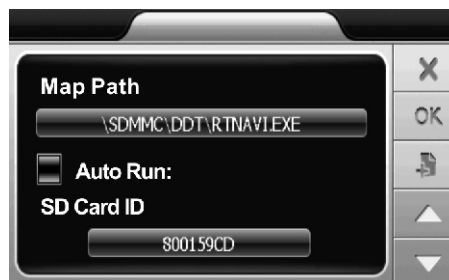


### Map Path

Touch the icon  to enter Map Path.

*Please see picture.*

-  Exit the Setup, return the interface.
- OK** Complete Settings, Click OK Button.
-  loading Map of executable file.



## ***Navigation operation (option function)***


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### ***System information***

- 1.Press "SYS Info" icon.
- 2.Shows the software and hardware information.

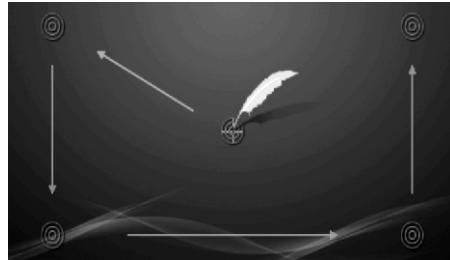
### ***Touch screen Calibrate***

If the position of touch occurs warp, you can calibrate by pressing the "+" cursor .

Click the icon  to access the touch screen calibrate mode interface.

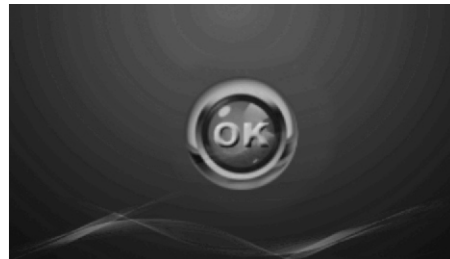
If the position of touch occurs warp, calibrate by pressing the "+" cursor  
Click the icon Aim at the "+" and click it, the symbol will moves around the touch screen, click it five times, system will finish calibration automatically and exit calibration mode.

*Please see picture.*



Click OK to perform the operation.

*Please see picture.*



GPS Info

Please see picture.



System Setting

Language, Volume, Intensity, Brightness, Chroma, Contast,Acuity, V. Position, V. Zoom, H. Position, H.Zoom.

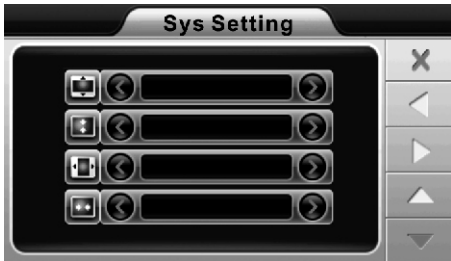
Please see picture.



Navigation system to support the language: English, Deutsch (German), Franch, Portuguese, Espanhol (Spanish), Italiano (Italian), Simple Chinese, Traditional Chinese.




You can adjust the screen: Intensity, Brightness, Chroma, Contast,Acuity, V. Position, V. Zoom, H. Position, H.Zoom.



## System Setup

---

Touch icon  in the screen to enter setting mode, as below picture. You can touch the screen to set up the audio, display, time parameters etc.

### **General**

This item is for Selecting a General.

1. The time required for backlight open or choice
2. ON/OFF Beep.

### **Backgroud Setting**

This item is for Selecting a Backgroud Setting.

### **Calibrate Touch Screen**

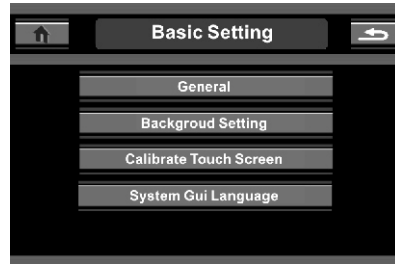
This item is for Selecting a Calibrate Touch Screen.

*calibrate by pressing the the “+” cursor Click the icon Aim at the “+” and click it, the symbol will moves around the touch screen, system will finish calibration automatically and exit calibration mode.*

### **System Gui Language**

This item is for Selecting a System GUI language.

1. English
2. Chinese



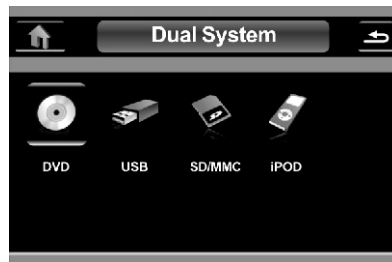


## ***Dual Function***

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Long Press "MODE" button to Dual function.

*Please see picture.*



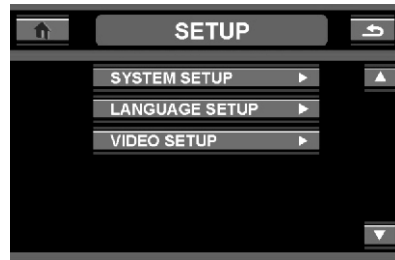
Click using the remote control "Dual" Button select the Dual function.  
Click "Mode" button to exit.

## Multimedia Setup

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### SYSTEM

1. Press the SETUP button on the remote control to access the DVD System Menu on the monitor.
2. There are 3 Setup Pages in all for the system Menu. Press the ◀ ▶ ▲ ▼ button to select an desired setup page.
4. Press the Enter button to Confirm it.



### TV System

This product supports output of various TV system.

If your TV set has only NTSC or PAL system, the screen will blink and become colorless when a wrong TV system is selected. In this case, Press the N/P button to switch the right TV system to match the TV color system.



### AUTO Play

ON/OFF Auto Play.

### TV Type

The setup item is for matching TV screen size.

#### **4:3 PS:**

Choose the item when connecting a TV set with 4:3 screen . When playing the pictures with 16:9 size, the left and right parts of the video will be cut out, and display in full screen.

#### **4:3 LB:**

Choose the item when connecting a TV set with 4:3 screen. When playing the pictures with 16:9 size, the top and bottom parts of the TV screen will be turned into a black square respectively.

#### **16:9:**

Choose the item when connecting a TV set with 16:9 wide screen.

# Multimedia Setup

---

## PASSWORD

This setup item is for locking or unlocking the rating level of the parental control.

The defaulted state is locked. The defaulted Password is "0000".

You can set a new password that you like: Select the PASSWORD item and then Press the **➡** button to enter it, then input the original password "0000", and then Press the OK button to unlock it. Press the Enter button to enter it again, then input a new password that you like and then press the Enter button to make it effective. Before the other persons see the Manual, you should get the password in mind and cut out the part of PASSWORD in the Manual.

## RATING

*Select DEFAULT and confirm it to restore all the System Settings to those Programmed at the factory, except the Parental Controls and Password.*

Select suitable guidance rating by the cursor button and confirmed by pressing ENTER key.

Rating 1: [KID SAFE]

Select this when the program are safe to all kid view.

Rating 2: [G]

Select this that allows admission to person of all ages.

Rating 3: [PG]

Select following when children under 13 are forbidden to view

Rating 4: [PG13]

Select following when children under 13 are forbidden to view.

Rating 5: [PG-R]

Select this when the PG-R was printed on the DVD disc.

Rating 6: [R]

Select this when children under 17 are forbidden to view.

Rating 7: [NC 17]

Select this when children under 17 are forbidden to view.

Rating 8: [ADULT]

Select this when only allows admission to all adults.

## DEFAULT

This item is for making all setup items change back to original status.

# Multimedia Setup

## LANGUAGE SETUP

### OSD LANGUAGE

This item is for selecting the language of the SYSTEM MENU and all operating prompt interface displayed during playback.

### AUDIO LANG

This item is for selecting a audio language.

### SUBTITLE LANG

This item is for Selecting a subtitle language.

### MENU LANG

This item is for Selecting a MENU language.

### MPEG4 LANG

This item is for Selecting a MPEG4 language.



### Appendix: The region code of DVD:

The motion picture association of america (MPAA) divided the world into 6 regions, and named every region a code, namely region code. the region codes and the countries or areas represented by the region codes as follows:

Region 1: America, Canada, East-Pacific inlands;

Region 2: Japan, West Europe, North Europe, Egypt, South Africa, Middle East;

Region 3: South-east Asian countries include Taiwan, HongKong, South Korea, Thailand, Indonesia, etc.;

Region 4: Australia, New Zealand, Central south America, south pacific inlands;

Region 5: Russia, Mongolia, Indian peninsula, middle Asia, East Europe, north Korea, north Africa, north-west Asia etc.;

Region 6: China mainland.

Basically, when a DVD movie disc for the version of region 6 was decided not to issue, we need to purchase another DVD player that can play the DVD movie disc for the version of non-region 6. In order to view this disc, viewer who does not have the non-region 6 DVD player facilities will have to spend extra sum of money to by it. The problems caused from the area code inconsistency between the disc and the DVD player hashed for the production of Unlock-version DVD Player facilities, and some DVD disc sets allow user to modify the area codes for a limited number of times. But note that only the discs produced by the 8 biggest filmmaking companies of America restrict so, they are not one of original DVD format. That is to say, the DVD move discs not produced by the 8 biggest Filmmaking companies of America were not restricted by the rule of region code. Generally, they are called Free Region Code discs or Full Region code. Generally, they are called FreeRegion Code discs or Full region discs. The 8 biggest Filmmaking companies of America are as follows:

1. WarnerBros;
2. Columbia;
3. 20thCenturyFOX;
4. Paramount;
5. Universal;
6. UA(UnitedArtist);
7. MGM(MetroDogwynMayer);
8. WaltDisney

# Multimedia Setup

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## VIDEO SETUP

### BRIGHTNESS

It is for adjusting the brightness of the video output.



### CONTRAST

It is for adjusting the contrast of the video output.

### HUE

It is for adjusting the HUE of the video output.

### SATURATION

It is for adjusting the SATURATION of the video output.

### SHARPNESS

It is for adjusting the SHARPNESS of the video output.

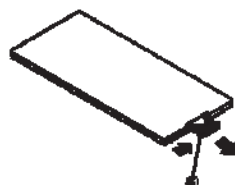
## ***Replace the Battery of IR Handset***

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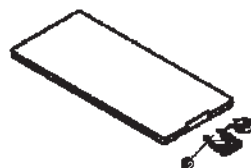
### ***Replace the Battery***

When the operational range of the remote control becomes short or non-functions while operating. Replace a new CR2025 battery. Make sure the battery polarity before replacement.

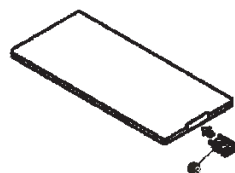
1. Pull out the battery holder while pressing the stopper 1.



2. Pull the button type battery (+) mark upward into the battery holder.



3. Insert the battery holder into the remote controller.

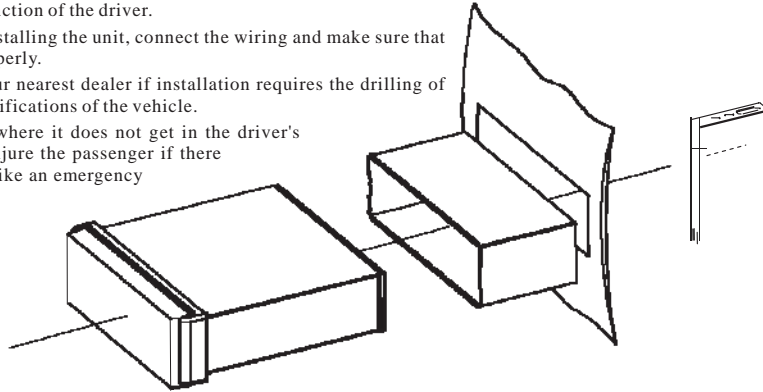


## Install the unit (DIN front mount)

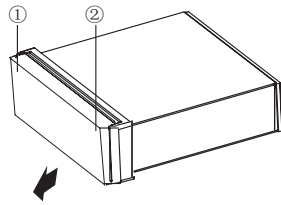
### Installation Instructions


#### Notes:


- Choose the mounting location where the unit will not interfere with the normal driving function of the driver.
- Before finally installing the unit, connect the wiring and make sure that the unit works properly.
- Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.
- Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop, like an emergency stop.



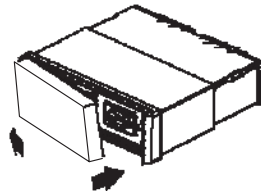
### Remove the front panel



Press  button in the upper left corner .  
Please see picture ① .

Press  button in the and the pull it out.  
Please see picture ② .

### Install the front panel



Put notch A (shown as picture) onto buckle B, and then slightly press into the right side.

Please see picture

#### NOTE:



Please don't use your finger on the control panel, may cause the connector contact, if connectors dirty application of clean soft cloth to wipe clean.

## ***The Trouble Shooting***

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*Please read the user's manual carefully before using the DVD player. If you have any troubles in using this player, try to solve the problems by the suggestions mentioned below. If you can not remove the trouble after using all the suggestions, please contact the company or the technical service center authorized by us. For the sake of your safety, Please do not open the cover and repair the player by yourself, if that, it may cause electric shock.*

### **NO PICTURE, SOUND AND INDICATION**

1. Ensure that the power switch is on.
2. Ensure that the wall inlet is ok.
3. Ensure that the power cord is not damaged or the fuse is not blown.
4. Ensure that the power plug is connected to the inlet tightly.

### **NO SOUND BUT HAVE PICTURE**

1. Ensure that the player's audio output has a good connection with monitor's audio input.
2. Check whether the audio connector is damaged.
3. Check whether you have turned down the volume.
4. Ensure that you have set the right AUDIO setup of the player.
5. Ensure that the audio is not under mute.

### **NO PICTURE BUT HAVE SOUND**

1. Ensure that the player's video output has a good connection with monitor's video input.
2. Ensure that you have turned you monitor to the AV input channel connecting to your player.
3. Check whether the video connector is damaged.
4. Ensure that you have set the right VIDEO settings of the player.

### **BLACK AND WHITE PICTURE OR SCREEN ROLLING**

- Ensure that you have set the right TV SYSTEM (e.g. PAL, NTSC) setting.

### **FLAWS OF PICTURE OR SOUND**

1. Check whether the setting of AUDIO is right.
2. Check whether the disc is scratched or stained.
3. Check whether the AV connector and the output terminal is stained.
4. Check whether there is condensation inside the lens. If so, leave the player off for an hour or so, then try again.
5. Check whether the installation angle is less than 30°.

### **DISPLAY NO DISC OR BAD DISC**

1. Ensure that you have put the disc on the tray.
2. Check whether the disc is put in the reverse side.
3. Check whether the disc is distorted.
4. Check whether the disc is stained or scratched badly.
5. Ensure that the disc for mat is compatible to the player.
6. Ensure that the temperature inside the car is not too high. If so, cool off till the ambient temperature returns to normal.
7. Replace another disc to insert in into the disc compartment.

### **REMOTE CONTROL IS INSENSITIVE OR DOES NOT WORK**

1. Check the batteries of remote control and make sure that they are to be powerful and good conductivity.
2. Direct the remote control to the IR sensor of the player.
3. Check whether there are some obstacles between the remote control and IR sensor.

### **SOME FUNCTION BUTTONS DO NOT WORK**

1. Turn off the power, then turn on again.
2. Reset the unit to zero, then turn on again.
3. Remove the front panel front the unit, then install it again and then turn on again.

### **THE RADIO DOES NOT WORK**

1. Check whether the antenna cable is connected firmly. Or manually tune for a station.



# Specification

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## General

Power Supply Requirement:	12V DC
Speaker Load Impedance:	4 $\Omega$
Max. Power Output:	40W x 4CH
Tone Controls:	8dB (Bass 100Hz, Treble 10KHz)
Dimensions:	Approx. 192 x 178 x 50mm (D x W x H)
Mounting Dimensions:	Approx. 169 x 182 x 53mm (D x W x H)
Weight:	Approx. 1.75KG

## DVD deck section

Disc played:	DVD, MPEG4, DIVX, VCD1.0/2.0, MP3, WMA, CD, CD-R/RW, Picture CD
Video System:	Auto/PAL/NTSC
Mounting Angle:	0 ~ 30 degree

## Video Section

Video System:	4:3 Letter Box, 4:3 Pan scan, 16:9 Wide Screen
Video Output Level:	1.0V <sub>pp</sub> / 75 $\Omega$
Horizontal Resolution:	500

## Audio Section

Max. Output Level:	2 V <sub>rms</sub> ( $\pm$ 3dB)
Frequency Response:	20Hz ~ 20KHz
Signal to Noise ratio:	85dB
Separation:	80dB

## FM Tuner Section

Tuning Range:	87.5 ~ 108MHz (Europe)	87.5 ~ 107.9MHz (USA)	65 ~ 108MHz (OIRT)
IF Range:	10.7MHz		
Usable Sensitivity (-30dB):	12dBu		
Signal to Noise ratio:	60dB		
Stereo Separation:	30dB (1KHz)		
Frequency Response:	30 ~ 15KHz		

## AM Tuner Section

Frequency Range:	522 ~ 1620KHz (Europe/OIRT)	530 ~ 1710KHz (USA)
IF Range:	450KHz	
Usable Sensitivity (-20dB):	32dBu	

NOTE: Due to continuous product improvement, specifications and design will change without notice.

- This feature is optional, please refer to unit. Under compressed motion pictures (DIVX/MPEG4), file name under extension AVI can be played back.

**FCC WARNING**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for and radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.