

# INSTRUCTION MANUAL



- ◆ 4.3 INCH DIGITAL TOUCH SCREEN COLOUR DISPLAY
- ◆ MOTORIZED DETACHABLE PANEL

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**Before operating this product, please read this instruction manual completely and retain it for future reference.**

**To prevent personal injury and potential danger, read the precautions in this manual carefully.**

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- 6) Do not impact, press and scratch the unit with anything hard. Use dry cloth and paper towel to clean the surface of the unit. Note that the LCD screen should not be cleaned with lintless dry cloth or paper towel. Wipe the screen softly with no strong force to prevent damage of the product.,
- 7) If there is some resistance when adjusting/retreating the LCD or adjusting the viewing angle, the cassette mechanism stops automatically. Continue with the operation after removing the obstacle.
- 8) If anything abnormal happens during operation, switch off the power immediately and refer to "Troubleshooting" for solutions. If you are unable to resolve the problem, contact your supplier or local service depot.
- 9) For fuse replacement, use only fuses of the same type(current rating). It is extremely dangerous to use different fuse or use wire as an alternative as serious damages may occur.
- 10) This product includes DVD, VCD, CD, MP3, MP4 8-disc VCD/CD/DVD changer in a single unit and supports receiving TV and radio program. Normally, the volume difference between TV and radio is very small. Sound of non normal discs, however, may differ dramatically in volume due to varied recording standards. In such case, check to see if the disc is of normal specification. If problem remains, resort to the supplier for inspection.
- 11) If you have a problem you can't resolve using the "troubleshooting" information in the manual, do not disassemble or repair the product arbitrarily, have it repaired by qualified personnel instead.
- 12) Read the specifications and installation instructions carefully before installing and operating the product and follow the procedures strictly. Unwanted damages may occur although protective circuits have been designed into the unit.

13) Obsolete units should be disposed in accordance with local regulations.

#### **Installation position**

Do not install the unit in the following positions:

Places where the opening and closing position of the monitor impedes the driver's vision

Places where operations of the vehicle may be hindered, the operations of steering wheel, gearlever and brake pedal in particular

#### **Installation**

1) Technical specialists is required to install this unit.

The unit should be installed by qualified technicians or service personnel.

2) If you try to install the unit on your own, perform the operations properly by following the installation instructions and wiring diagrams in this manual. Improper installation may cause fire.

3) Before installation, turn the ignition key to the OFF position or pull it out . Installing the unit when the engine is turned on may cause battery current leakage or short.

4) Be sure not to damage any pipes and wires of the fuel cell or electrical parts when installing the unit, Otherwise, it may cause fire. Be careful not to damage any vehicle components when drilling the holes on the panels of the vehicle.

5) Never use nuts or bolts as safety equipment such as veering linkage device and fuel feeding or braking system. This may cause fire or accident.

#### **Condensation**

Sudden changes in temperature can cause condensation to form inside the display .Wait until the moisture in the unit evaporated to resume proper operation.

### **About Liquid Crystal Display (LCD)**

Don't press against the LCD of the monitor. This may result in picture distortion or malfunctions. The pictures may become blurred and the LCD may be damaged.

### **Notices on the cleaning of the LCD**

Use soft cloth slightly moistened with water to clean the LCD.

Do not use solutions such as gasoline, thinners, commercially available detergents or antistatic spray detergents.

Do not use the product under conditions where temperature is lower than -15°C or higher than 45. °C

If the car is parked in an extremely cold or hot place ,the images may not be clear. This is not a monitor malfunction. The images will become clear after the temperature in the car is within normal range

Still spots in blue or red may appear on the monitor. These spots are called“light spot” and may appear on any LCDs. The LCD is a high-precision device. Over99.99%working normally. However, there are still 0.01%or less sections may be defective and unable to activate. Viewing results will not be affected by these sections.

### **Caring for the DVD player**

Use conventional rounded discs only. Irregular, non-rounded or odd form discs may be jammed in the player or /and cannot be played. Before playback, check the disc to see if there are signs of cracks ,scratches or curliness. If found ,do not use it as it may be unplayable or lead to malfunction of the product .

Handle the disc by edges .Do not touch the recorded side (non print side ).

When not in use ,the discs should be stored in a disc box .

Do not put the discs in locations subject to direct sunlight or high temperature.

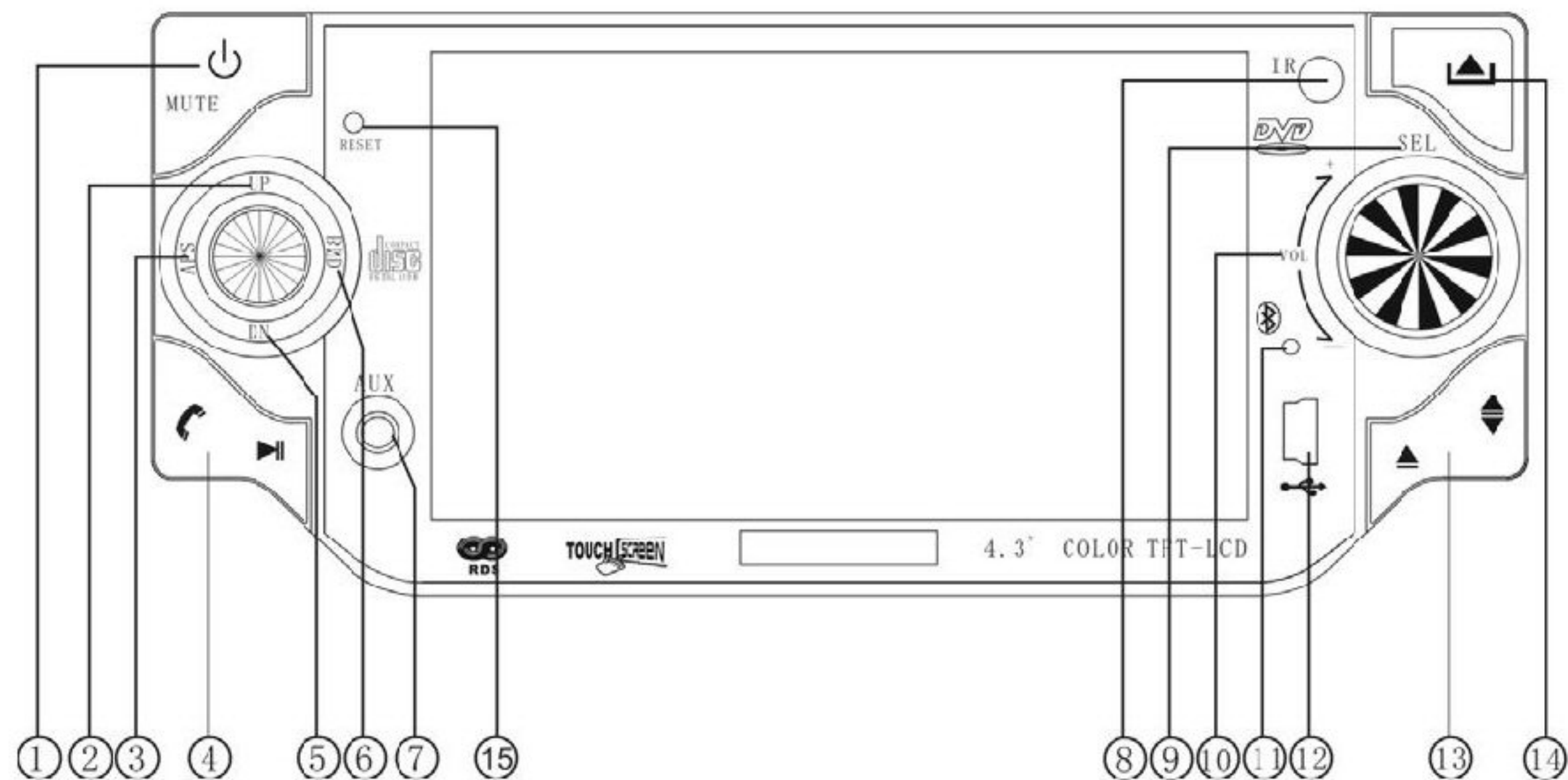
Do not attach labels to the surface of the disc, nor can you draw things or use chemicals on it .

When cleaning the disc ,wipe it outwards from the center using soft dry cloth.

When use radiators in cold weather ,moistuer may form on the internal components of the DVD player. Condensation may cause the DVD player to malfunction. If you observe malfunctions caused by condensation, close the DVD player for I hour to let it dry and wipe the moistened disc with dry soft cloth .

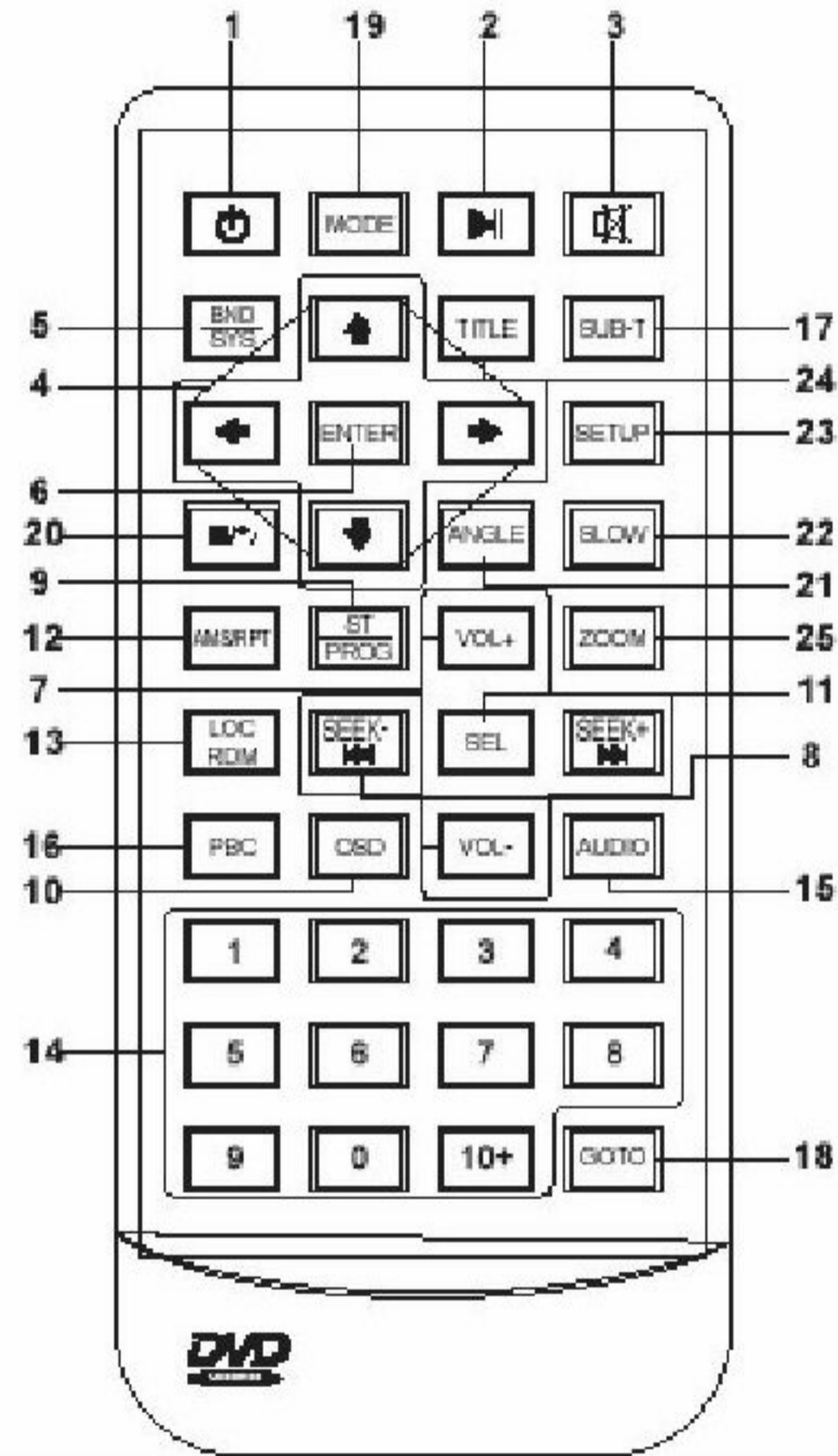
The playback of the disc may be interrupted due to strong vibration on the road .

# PANEL ILLUSTRATION



- |  |                                |
|--|--------------------------------|
| 1.  Power , Mute                         | 8.  Remote control sensor      |
| 2.  Forward                              | 9.  select                     |
| 3.  APS                                  | 10.  Volume adjutment          |
| 4.  Pick up phone,<br>Play/Pause/GPS off | 11.  Microphone                |
| 5.  Rewind                               | 12.  USB Port                  |
| 6.  Band mode                            | 13.  Eject button/Adjust angle |
| 7.  AUX                                  | 14.  Release panel button      |
|  | 15.  Reset button              |

# REMOTE CONTROL ILLUSTRATION

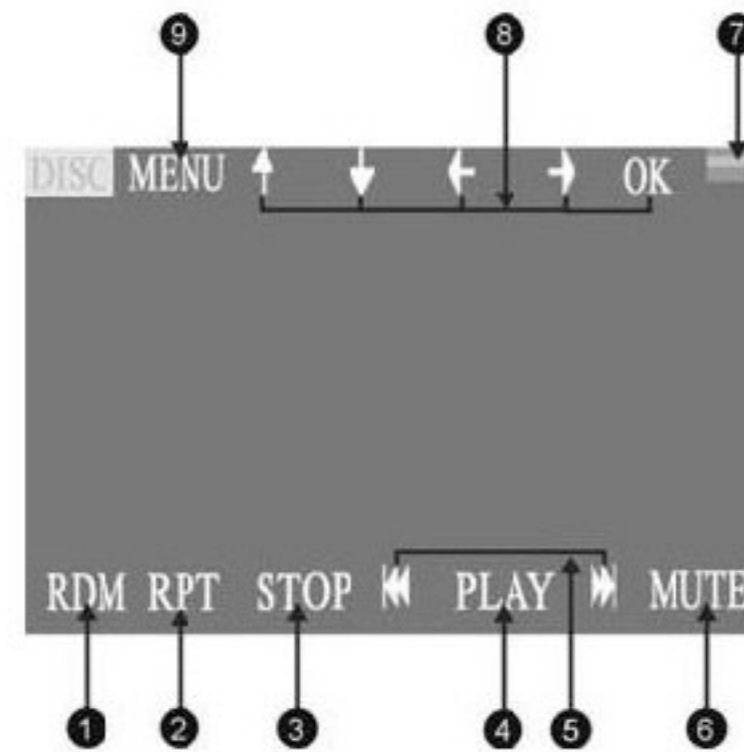


- |     |  |  |     |  |                             |
|-----|--|--|-----|--|-----------------------------|
| 1.  |  | <b>Power Switch</b>                      | 14. |  | <b>Number Button</b>        |
| 2.  |  | <b>Pause/Play Button</b>                 | 15. |  | <b>Audio-Setting</b>        |
| 3.  |  | <b>Mute Button</b>                       | 16. |  | <b>PBC Menu</b>             |
| 4.  |  | <b>Selecting Menu Button</b>             | 17. |  | <b>Subtitle-Setting</b>     |
| 5.  |  | <b>Band/System Switch</b>                | 18. |  | <b>Playing Time-Setting</b> |
| 6.  |  | <b>Enter Button</b>                      | 19. |  | <b>Mode Switch</b>          |
| 7.  |  | <b>Volume Control</b>                    | 20. |  | <b>Stop/Reverse Button</b>  |
| 8.  |  | <b>Tuning/Selecting</b>                  | 21. |  | <b>Angle-Setting</b>        |
| 9.  |  | <b>Program Playing</b>                   | 22. |  | <b>Slow-motion Play</b>     |
| 10. |  | <b>On-Screen Display</b>                 | 23. |  | <b>Setup Menu</b>           |
| 11. |  | <b>Setting the Sound Characteristics</b> | 24. |  | <b>Menu-Display</b>         |
| 12. |  | <b>Repeat Playing</b>                    | 25. |  | <b>Zoom-Setting</b>         |
| 13. |  | <b>Random Playing</b>                    |     |  |                             |

## MAIN MENU



## PLAY DVD DISC



### 1.RDM

Press it to play the disc in random

### 2.RPT

Press it to repeat the current track/chapter

### 3.STOP

### 4.PLAY

### 5.⏮/⏭

Select the downward/upward channel

### 6.MUTE

### 7.BACK

### 8.TITLE

in DVD/VCD mode , press it to show all the tracks on the screen, and then use remote control ← → ↑ ↓ .press to choose your desired track number and press ENTER start.

### 9.MENU

## RADIO OPERATION



### 1. AF/TA/PTY

#### Ⓐ. AF, Frequency tracking function switch

Touch Ⓐ (AF) zone to turn on the frequency tracking switch. When you touch Ⓐ (AF) again, the AF mark will disappear and AF function is cancelled.

#### Ⓑ. Traffic information marking switch

Touch Ⓑ (TA) zone, turn on the traffic information marking switch.

You can touch TA-ON or TA-OFF.

Ⓒ..PTY, Channel type selection button

Touch Ⓒ (PTY) again to select NEWS mode search status. If you make no operation within 3s ,the system status will be show as above.

2. LOC

Touch 2 (LOC) to switch the remote/local. If it is activated, the screen LOC zone will become red.

3. ST

Touch 3 (ST) zone to change the stereo and single track to listen the channel. when TFT displays (( )) ,it means you can listen stereo channel. In the stereo status, TFT will show (( )) If there is no (( )) ,it means the current mode is single track status.

Note: when you listen the channel with stereo in week single status. "Sa Sa" noise maybe appears. You can change it to single track by pressing ST button.

4. LOUD

5. EQ

Touch EQ to enter EQ function choice as

follows: NORMAL. ROCK.CLASS.POP.FLAT.JAZZ.VOCAL.LOUD

6. VOL

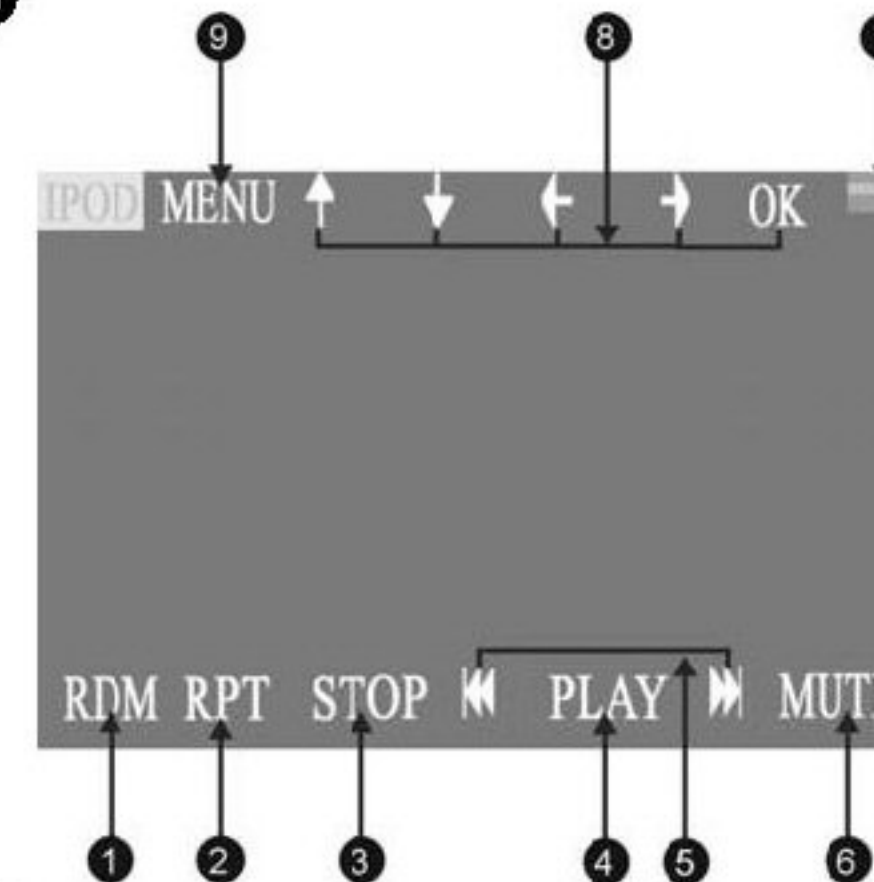
7. BAND display zone

It can display the current waveband information.

8. NUMBER BUTTON

Under radio mode, select the desired station to listen by pressing the corresponding number key, under manual turning mode, number key. Under automatically turning mode, the unit will automatically pick up the station and store into number keys according to different band.

## IPOD



1. RDM

Press it to play the disc in random

2. RPT

Press it to repeat the current track/chapter

3. STOP

4. PLAY

5. ←→ ↑ ↓

In CD/MP3 model press it choose your desired track.

6. MUTE

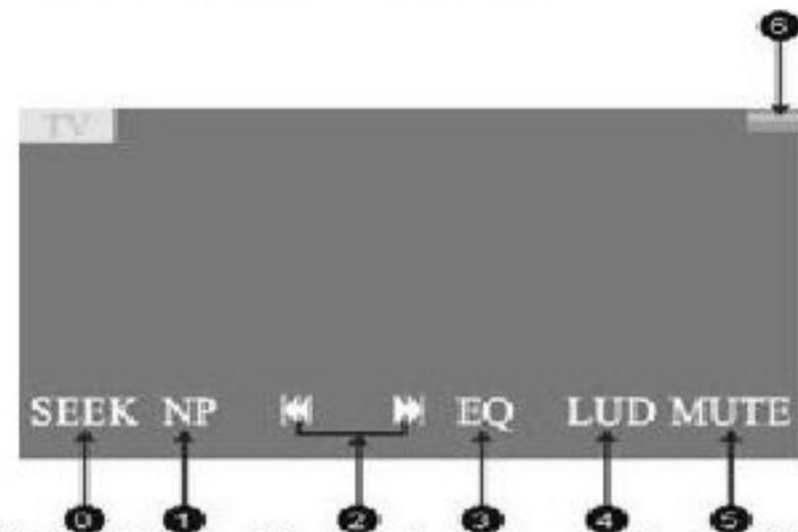
7. BACK

8. TITLCE

in DVD/VCD mode , press it to show all the tracks on the screen, and then use remote control| ←→ ↑ ↓ .press to choose your desired track number and press ENTER start.

9. MENU

## TV OPERATION



1. **SEEK** Press it, the unit will search automatically from VLF frequency. Till all the 100 channels are searched and stored or the frequency is add up to its max frequency, auto-search will stop. After the auto-search is finish, the unit will default select the first channel.

### Number keys

Under TV mode, select the desired channel to watch by pressing the corresponding number key.

2. **NP** Select the downward/upward channel
3. **EQ** Touch EQ to enter EQ function choice as follows: NORMAL.ROCK.CLASS.POP.FLAT.JAZZ.VOCAL.LOUD
4. **LUD**
5. **MUTE**
6. **BACK**

## GPS NAVIGATION OPERATION

1. *the GPS function is optional, you just can use this function the Unit you bought including GPS function.*
2. *this Unit itself not equipped with SD card and maps, please purchase separately sold map. The map inserted SD card slot.*
3. *To set the map path of software installed, set start-up software installed map documents. Set up after clicking "OK" on the*

*preservation the setting and return to the last menu.*

4. *More operation please read the "Navigation Software User Manual"*

## BLUETOOTH

BEFORE YOU READ THIS BLUETOOTH INSTRUCTION PLEASE NOTE FOLL OW POINTS:

1. *the Bluetooth function is optional, you just can use this function which you bought the Unit including Bluetooth function.*
2. *the initial secret code is "0000"*

During any mode, setting your mobile as "bluetooth connect", when it succeeded, the screen will show a "SUCCESS" word.



- ① Operation status display zone
- ② Keyboard zone, when you touch the key in the area, will display the corresponding operation.
- ③ Delete key ,when you touch ②,you can delete the operation you made just now.
- ④ Hand up
- ⑤ Dial key
- ⑥ In Bluetooth music state; press it to choose forward music
- ⑦ in Bluetooth music state; press it to choose next music
- ⑧ In Bluetooth music state; press it to play and stop

## SET UP



- ① Appearance
- ② Enter EQ main menu
- ③ Voice
- ④ OSP clock adjustment
- ⑤ Return to radio status interface
- ⑥ Return to main menu

## Appearance

Touch ① (Appearance) to adjust lightness, contrast and chroma



- ① Brightness adjustment
- ② Contrast adjustment

- ③ Chroma adjustment
- ④ Back to radio status
- ⑤ Back to main interface

- (1) When you touch ① (Brightness adjustment) leftward within the valid distance. TFT screen becomes dark the decreasing number. when you touch it rightwards, the screen becomes bright with the increasing number.
- (2) when you touch ② (Contrast adjustment) leftward within the valid distance. TFT screen's contrast change with the increasing number. when you touch it rightward, the screen's contrast changes with the decreasing number.
- (3) when you touch ③ (Chroma adjustment) leftward within the valid distance. TFT screen's color change with the decreasing number. when you touch it rightward, the screen's color changes with the increasing number.
- (4) When you touch ④ (main),the system will return the radio status interface.
- (5) When you touch ⑤, the system will return the main interface.

## EQ

Touch ② EQ to enter EQ function choice as follows: NORMAL.ROCK.CLASS.POP.FLAT.JAZZ.VOCAL.LOUD



## VOICE

Touch Voice ③ to conduct BASS/TRES/BAL/FADE adjustment.



- ① BASS Sounc Effect Adjustment(bass)
- ② TRES Treble Adjustment
- ③ BAL left/Right Volume Adjustment
- ④ FADE front Speaker Volume Adjustment

## TIME SETUP

Touch ④ DSP to make clock adjustment






1. PLUS&MINUS
2. SET
3. TIME FORMAT
4. HOUR
5. MINUS

- ① Touch ③ to choose 12 hour time format or 24 hour time format of Beijing time.
- ② Touch plus of 6 PLUS&MINUS to extend hour or menu you choose in clock display. Touch minus of PLUS&MINUS to shorten hour or menu you choose in clock display.
- ③ Touch ④ to choose hour adjustment, touch ⑤ to choose menu adjustment, touch ① to extend hour or menu you choose in clock display.
- ④ Touch ② confirm the time setup.
- ⑤ Touch ⑦ return to radio status interface.
- ⑥ Return to main menu.

## Advanced operation

### 1. Menu selector





-press ← → ↑ ↓ to select your desired menu. Then press **ENTER** or press the play button  to confirm.





2. Band/System Switch
3. --During radio mode, press , to switch receiving band. Press and hold it, open the LOUD function.
4. --During playback mode, press  button to switch to AUTO/PLA/NTSC system, press and hold it open the LOUD function.

### 3. Volume Increasing/Decreasing



--Press VOL+ or VOL- button to increase or decrease the volume level respectively.

### 4. Tuning/Selecting Tracks / Fast Rewind /Forward

--During radio mode, continuously press  or  button to manual search a station downward or upward respectively ; if press and hold  or  button for more than 3 seconds, the radio will automatically search a downward or upward respectively until it find a station.


--During playback mode, press and hold  or  button to fast rewind or fast forward to reach your desired track quickly. Momentarily pressing  or  button, you can select your desired track downward respectively .

### 5. Program Playing

--During CD/VCD mode, you can set the program order to play, you can follow the steps below: First, press PBC , and then press , and the television displays programming P00:00. You can set the program order to play by pressing (0-10+) button, and then press  to play.


*Note: program doesn't function when playing MP3.*

### 6. On-Screen Display

--During CD/VCD/DVD mode, press  . The display shows single track elapsed time, single track remaining or entire disc remaining, and the track being played and the content of the whole disc.

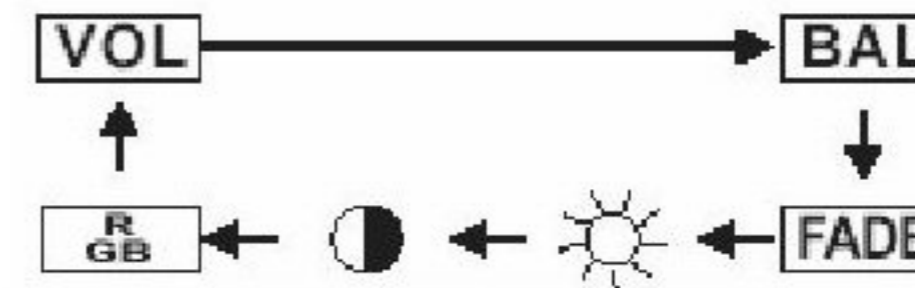
*Note: During MP3 mode, only single track elapsed time is displayed in OSD mode.*

### 7. VOL/BAS/TRE/BAL/FADE/Selector


Repeatedly press  to select the desired mode in the following order:




*Note: After selecting your desired mode, you can adjust the current mode being displayed by using (VOL+ or VOL-) buttons. When P-EQ mode is activate, press SEL button to select the modes. And Bass/Treble mode are invalid. (Shown as below)*




### 8. Repeat Playing / AMS

--During DVD mode, first, press  track being played; Press it again to repeat playing all the tracks. Pressing it the third time will cancel the repeating function. (LCD will display different designs)

--During CD/MP3/VCD mode, Press  repeat the current track being played; press it again to cancel the repeating function.

*Note: 1. IN VCD/MP3/CD mode. The initial setting is repeat playing all the tracks*

*2. In radio mode, press  to scan each stored station for 10 second.*

### 9. Random Playing

--During playback mode, press  to play any track at random.

*Note: RDM is not function in DVD mode.*

### 10. Number Buttons

--During radio mode, you can select one of the 6 stored stations on each band By pressing any one of the number button (0-10+).

--During the playing mode, you can select any track directly by using number button (0-10+). For example, if you need fifteenth track, you can first press button 10+ and then press number button 5, the corresponding track 15 will be played.

*Note: When button 10+ is first pressed, it works as 10+, it works as 20+ when pressed at the second time, the third time...30+,...and so on and so forth. In PBC playback mode, number button is not functional.*

### 11. Left/Right/Stereo Selector

–During playback mode, continuously press **AUDIO** can change the sound to Left/right speaker or stereo mode.

*Note: There are 5 different surrounding effects in surround mode. During VCD mode, you can see the different picture indicating different effects on the television..*

### 12. Playing PBC (menu)

–During VCD mode only, when pressing **PBC** at first time, PBC playback starts

and the menu of entire disc appears on the television. And then you can select your favourite track by using number button (0-10+). When a track is playing, you can press **↔** to return to the menu if you want to stop to select other tracks. To cancel PBC playing, press **PBC** again.

### 13. Subtitle Selector

–During DVD mode, press **SUB-T** to switch the menu to Chinese or English.

### 14. Setting CD Playback Time

–In VCD/CD mode, press **GOTO** and set the time when you begin to play the track, and the television will display the time--:--. Enter your desired time by pressing number button (0-10+). For example, enter: 25:00, and press **ENTER** to confirm. It will automatically start playing the track from the point of twenty-fifth minutes in the disc.

–In DVD playing mode, press **GOTO** once and input a desired track number. Then press **ENTER** the DVD from the position corresponding to the track number selected.

–In DVD playback mode, press **GOTO** once and input a desired time to play the DVD from the position corresponding to the time selected. For example, press **GOTO** once and the television will display the time--:--.Enter your desired time by pressing number button (0-10+). And **\*\*\*\*** button, then press **ENTER** . It will automatically start playing the track from the point of your desired time in disc.

**Note:** No time play function for MP3

### 15. Mode Switch

–Press **MODE** to switch to radio mode or playback mode.

### 16. Stop the Playback

–In DVD mode, press **⏏** to suspend the playback and “press play to continue” shown on TV, press it again to stop the playback.

### 17. MULTI-ANGLE KEY

–In DVD playing mode, press **ANGLE** , you can watch the DVD content from different angle

**Note:** some DVD can't support this function, and in VCD.MP3.CD.all can't support this function.

### 18. SLOW REVERSE/SLOW/ADVANCE KEY

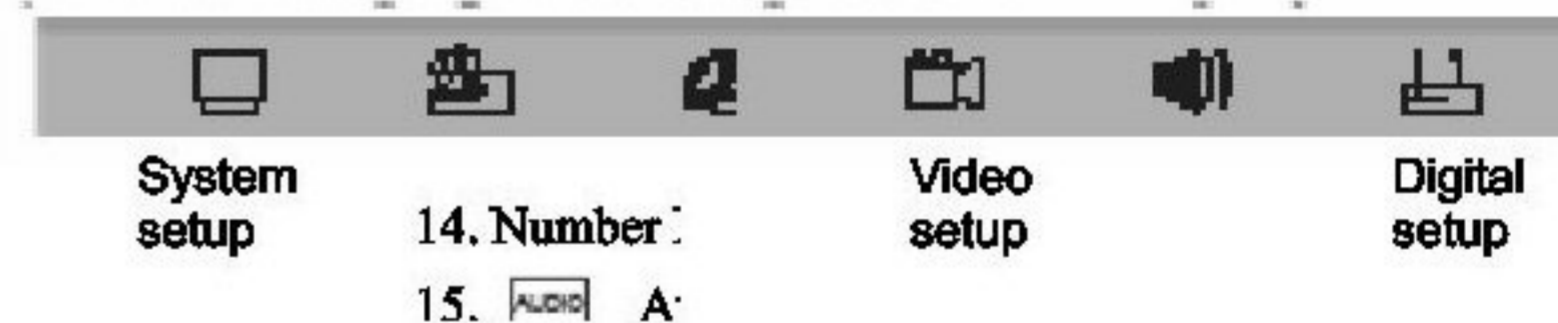
–In DVD/VCD playback mode, press **SLOW** once for 1/2 slow advance, twice for 1/3 slow advance, third for 1/4 slow advance, forth for 1/5 slow reverse, fifth for 1/6 slow reverse, sixth for 1/7 slow reverse, seventh for normal playback.

**Note:** In MP3 and CD. It is not functional.

### 19. SET UP

1)Press **SETUP** of remote control in the stop mode. (Press the **⏏** twice to ensure the player is under STOP mode ).

2)The main page of setup menu is displayed.



3) Select the preferred item by using the **\*\*\*\*** button.

4) Press **ENTER** .

#### I: System Setup

This setup page includes all items of TV system, Screen saver, TV type, password, Rating & Default features. For detail please refer to SYSTEM SETUPMENU.

#### II: Language Setup

This setup page includes all items of OSD language features. For details

please refer to LANGUAGE SETUP MENU .

### III: Audio Setup

This setup page includes all items for AUDIO. Please refer to VIDEO SETUP MENU.

### IV: Video Setup

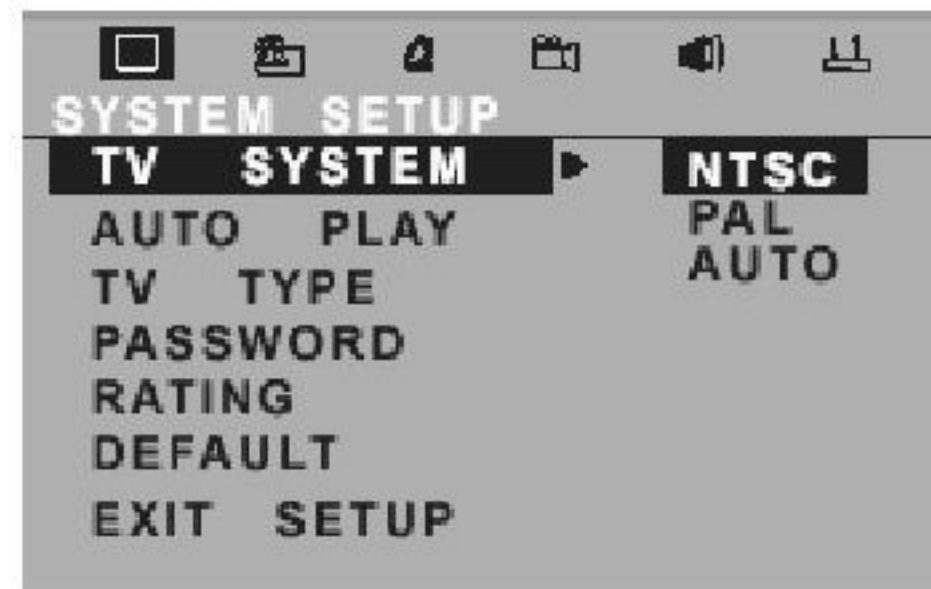
This setup page includes all items for VIDEO. please refer to VIDEO SETUP MENU.

### V : Digital Setup

This setup page includes all items for DIGITAL. Please refer to DIGITAL SETUP MENU.

## I. SYSTEM SETUP

### a. TV System



This player can play disc recorded in either PAL or NTSC format. Select NTSC format when you connect to NTSC TV. Select PAL format when you connect to PAL TV. Select the format (PAL/NTSC) according to your TV system

### b. Auto Play



Select the SCREEN SAVER OUTPUT ON/OFF.

Note: This function is invalid for this model

### c. TV type



#### 1. 4:3 PS

Played back in the PAN & SCAN style (if connected to wide-screen TV , the left and right edges are cut off ).

#### 2. 4.3 LB

Played back in LETTERBOX style (if connected to wide-screen TV , black bands appear at top and button of the screen).

#### 3. 16:9

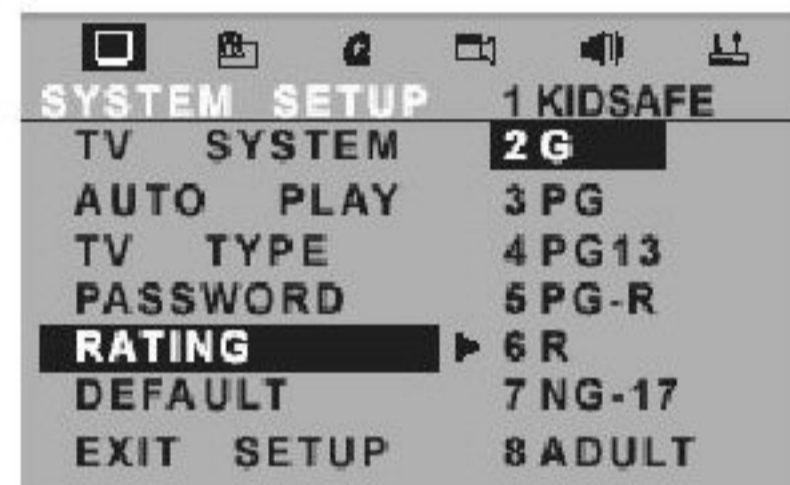
Select when a wide-screen TV set is connected .

### d. Password



Enter the password and press enter button. Type the old password(the initial factory code is 0000) and key in 4 characters password now you want to use, and type again to confirm.

**e. Rating**



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

- 1:[kid safe] Select this when the program are safe for all kids to view .
- 2:[G] Select this that allows admission to all ages.
- 3:[PG] Select this that needs parental guiding.
- 4:[PG13] Select this when children under 13 are forbidden to view.
- 5:[PG-R] Select this when “PG-R” was printed on the DVD disc.
- 6:[R] Select this when children under 17 must be guided by their parents.
- 7:[nc-17] Select this when children under 17 are forbidden to view.

8:[ADULT]Select this only allows admission to all adults.

**f. Default**



**II. LANGCE SETUP**

Select the preferred ODS Language, Audio Language, Subtitle language and Menu Language by using the **←→** keys.



**a. OSD Language**



## b. AUDIO Language



## c. SUB TITLE Language



## d. MENU Language



## III AUDIO SETUP

### a. Audio Out



This is to activate the audio output from SPDIF/OFF mode to SPDIF/RAM model or SPDIF/PCM mode.

#### SPDIF/OFF

Analog or optical output signal all.

#### SPDIF/RAM

When the player is connected with the playing disc is recorded in Dolby Digital, DTS or MPEG. The power amplifier you connected must have decode function for Dolby Digital, DTS or MPEG.

#### SPDIF/PCM

When the player is connected with the 2 channels, digital stereo amplifier, please select this item when the playing disc is recorded in Dolby Digital or MPEG. The analog or optical output will be modulated 2 channels output by PCM.

Note: This function is invalid for this model.

**b. Key**



This is to select Treble or Bass according to your needs.

**IV. VIDEO SETUP**



This is for the user to set Brightness, Contrast, Hue and Saturation of the picture by pressing the arrow left/right button.

**a. Brightness**



**b. Contrast**



**c. Hue**



d. Saturation



e. Sharpness

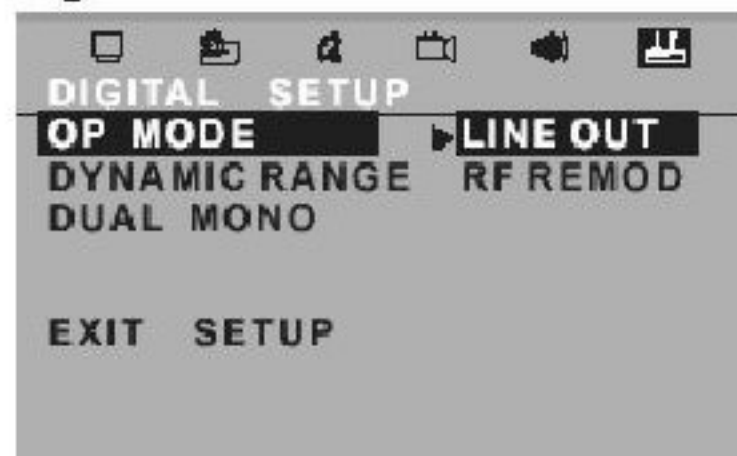


Press ENTER to confirm the change

Note: Only on TV/AV mode, the Video setup is available.

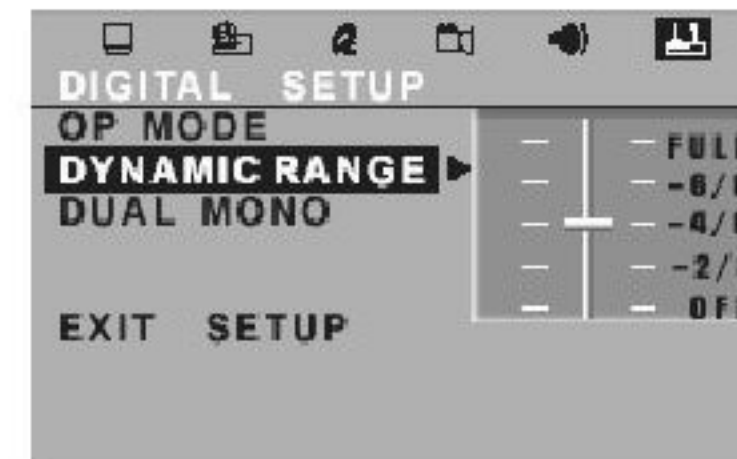
V. DIGITAL SETUP

a. Op Mode



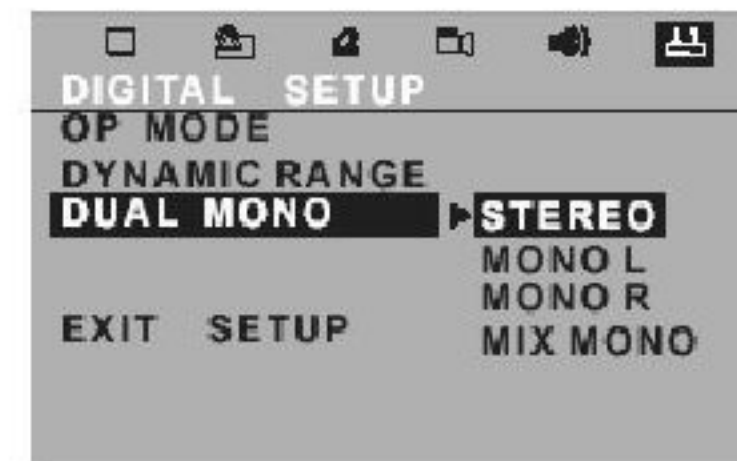
TO set the operating modes for Dolby Digital decoder.

b. Dynamic Range



To set the dynamic range compression.

c. Dual Mono



To set the stereo mode.

20. TITLE

-IN DVD.VCD playing mode, press TITLE to show all tracks title on TV screen. Press  $\leftarrow$   $\rightarrow$   $\uparrow$   $\downarrow$  to choose your desired track number and press ENTER or  $\blacktriangleright$  Start .

Note:1. No title display in MP3.CD mode.

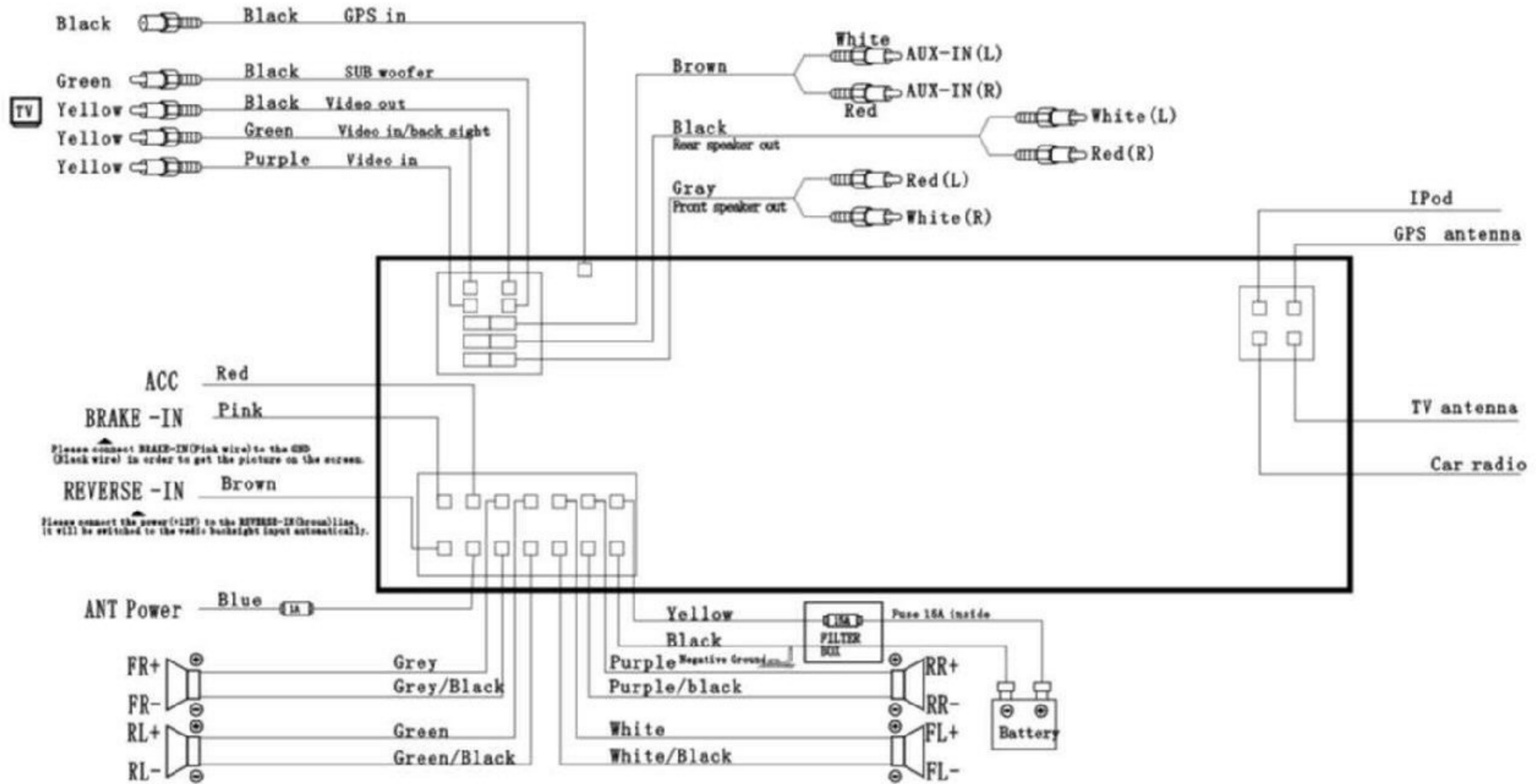
2. TO choose a desired language, press title key.

21. ZOOM

-IN DVD.VCD playing mode, press ZOOM once for 1.5X Mode, third time for 3X mode, fourth time for 1/2 mode, fifth time for 1/3 mode, sixth time for 1/4 mode.

Note: No ZOOM function CD/MP3 playing mode .

# WIRING DIAGRAM



Please connect the BRAKE-IN (Park wire) to the ground line (Black), if you want to show the image on the screen.

## TROUBLESHOOTING

Symptom	Cause	Solution
No power	The lead wires are not connected properly to the connectors	Make sure the connection is correct
	The fuse has blown	Check to see if the fuse has blown, if so, replace it with a new fuse of same specification.
	The internal processor is not working due to noise or other factors	Press RESET to reset the unit to factory defaults
The remote control does not work. The unit does not operate even when the correct buttons on the remote control are pressed.	Battery capacity is low	Install new batteries
	Some operations are disabled in specific states	Enter the correct mode
Can not play	Disc is contaminated	Clean the replace the disc
	The disc installed is not supported by the unit	Examine the disc type
	The disc installed is not compatible with the video system	Replace the disc with one compatible with your video system
No sound	The cable is not connected properly	Connect the cables(such as mute cable) properly
Cannot increase volume	The unit is playing the disc in still, slow motion or frame-by-frame mode.	When playing in still, slow motion or frame-by-frame mode, there is no sound output
Specific speaker does not output sound		Set to a correct sound field value
No image	Hand brake line s not connected	Connect the hand brake line and shut the hand brake
Displays PIC OFF	Hand brake is not shut	Connect the hand brake line and shut the hand brake
Cannot play	The disc is of poor quality or damaged	Replace the disc with one of higher quality
Cannot play, Parent lock information displayed	The parent lock function is turned on	Close the parent lock function or change the rating
Cannot switch dialogue language(and subtitle language)	The DVD playing is not recorded muti-language	If the DVD has not recorded muti-language, you cannot
No subtitle displayed	You can only switch between the items displayed on the disc menu	If there is no subtitle recorded on the disc, the subtitle can not be displayed
	The DVD playing does not have subtitle	Use the disc menu to switch
	You can only switch between the items displayed on the disc menu	

## SPECIFICATION

### General

Power requirement	14.4DC
Load impedance	4 ohm
Max power output	60Wx4
Tone control	+/-8dB(Bass 100Hz,treble 10KHz)
Dimension	approx,192x178x50mm(DxWxH)
Mounting dimension	approx,169x182x53mm(DxWxH)
Weight	approx.1.75kg

### DVD Deck section

Disc played	DVD/VCD/2.0/MP3/MP4(DIVX/CD/PICTURE-CD)
Video system	AUTO/PAL/NTSC
Mounting angle	0 to +/-30 degree

### Video section

Video output leave	1.0 vp-p 75 ohm
Horizontal resolution	500
Video system	4:3 letter box and 4:3 pan scan

### Audio section

Maximum output leave	2 Vrms(+/-3dB)
Frequency response	20 to 20 KHz
Signal-to-noise ratio	85 dB
Separation	80 dB

### AM tuner section

Frequency	522-4620KHz(Europe/China),530-1710KHz(U.S. range)
A)	
IF range	450KHz
Usable sensitivity	25dB

### FM tuner section

Turning	87.5-108KHz(Europe/China),87.5-107.9KHz(U.S. range)
A)	
IF range	10.7MHz
Usable sensitivity	15 dB
Signal-to noise ratio	60dB
Stereo separation	30dB(1KHz)
Frequency response	30-15KHz

*Note: due to continuous product improvement, specification and design are subject to change, without notice.*

- **1 DIN size.**
- **Full automatic motorized control panel.**
- **4.3 inch 16:9 high clear colour TFT LCD, real standard car use screen.**
- **Compatible discs formats: DVD, VCD, SVCD, CD, MP3, MP4, DIVX, DVD-R/RW, CD-R/RW, WMA, JPG.**
- **Slim slot-in DVD mechanism. Electronic Anti-Shock.**
- **Bluetooth function (this function is optional).**
- **Built-in TV tuner, 100 preset stations.**
- **Support PAL/NTSC/SECAM.**
- **Radio function, FM1/FM2/FM3/AM1/AM2. 30 preset stations, support R.D.S.**
- **AUX In.**
- **Subwoofer out put.**
- **Lower power consumption, ACC off, less than 1 mA.**
- **IPOD ready (this function is optional)**
- **GPS Navigation built-in/external (this function is optional)**

