

INSTRUCTION MANUAL



**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.















- Double DIN size.
- Full automatic motorized control panel.
- 7.0 inch 16:9 high clear color TFT LCD touch screen.
- Compatible discs formats: DVD, VCD, CD, MP3, MP4, DIVX, CD-R, WMA, JPG.
- Bluetooth function (this function is optional).
- Built-in TV tuner (this function is optional).
- Radio function, FM1/FM2/FM3/AM1/AM2. 30 preset stations, support R.D.S.
- AUX in.
- Subwoofer out put.
- IPOD ready (this function is optional)
- GPS Navigation built-in/external (this function is optional)
- Support Original Car Steering Wheel Control With C-BUS Connector (Optional)



CATALOGUE

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 This symbol indicates "Prohibited" actions.  This symbol indicates "Forced" actions.	Do not operate the unit while driving the car  If you operate the unit while driving the car, accident may occur due to distraction. Prohibited Operate it after you park the car in a safe place.
Designed for vehicles equipped with grounded 12 V DC  This product is only intended for vehicles equipped with grounded 12 V DC. It can not be used in tape decks or disc/cassette which are not in cold area (24 V DC). Otherwise, accident may occur resulting in danger of fire or malfunction.	Never spray water on the unit or immerse it in water  If water enters the unit, short or circuit and loss of insulation may result in danger of overheating, fire, electric shock or malfunction. When washing the car or when it is raining, be sure water does not drip on the unit.
Do not use safety assurance parts for the installation, grounding etc  If use bolts, nuts, or screws of generic parts such as steering wheel and brake, accident may occur. Use supplied parts according to the instruction.	Make sure no alien substance gets in the unit  If metallic objects or inflammable substance get in the unit, overheating, fire or electric shock may result due to circuit short or bad insulation.
Adjust to a moderate volume  If you can not hear sound from outside or around while driving, accident may occur.	Never put your hands or fingers on the rotation parts of the unit  Never insert foreign objects into the disc tray opening.  If you put your hands or fingers on the rotation parts of the unit, or insert foreign objects into the disc tray opening, damage of tape or malfunction may result. Pay special attention to child care. Pay special attention to child care.
The installation and wiring should be carried out by qualified  Special technology and experience is required for the installation and wiring of the unit. To ensure safety, consult to your dealer for the installation and wiring of the unit.	Never disassemble or modify the unit  Unauthorized disassembly or modification of the unit is strictly prohibited, so as the cutting and modification of power cables or connections to other power supplies. (Danger of smoke, fire, electric shock, and malfunction may arise from these action.)
In case of malfunction, stop using the unit immediately  If you continue using the unit when no sound is generated, smoke arises or it smells strange, danger of fire and electric shock may result. Stop using it immediately and contact the dealer as soon as possible.	The fuse should be replaced by qualified technicians  Fail to connect the cables according to the instruction may result in circuit short causing electric shock, injury, fire or malfunction.

PRECAUTIONS BEFORE OPERATING

Thank you for purchasing our Multi-media Entertainment System. Before operating the product, please read this instruction manual completely and retain it for future reference.

To prevent personal injury and potential danger, read the following precautions before installing and operating this product.

Safety

- 1) This product is an intelligent DVD player fully controlled by remote control for functions such as tilting adjustment, backward/forward adjustment, opening/closing disc tray, viewing angle memory, etc.. Do not attempt to move it by force. If viewing angle adjustment is required,

Please refer to the associated adjustment instructions, otherwise product damage could result.

- 2) Do not allow items or liquid to enter the unit.
- 3) Do not put or install the unit in places exposed to moisture and high-temperature direct sunlight. Otherwise, distortion of the product may occur. Do not leave chemicals in contact with the unit for a long period of time to avoid paint shedding on the surface of the unit and prevent fire and possible damage.
- 4) Replace the remote control battery regularly to keep the unit working properly. In case of battery leakage, wipe clean the leakage with dry cloth or paper towel and replace the battery. Never put batteries on metal objects. Keep the battery out of the reach of children to prevent fire caused by short or accidents caused by battery leakage. Obsolete batteries should be discarded in accordance with local regulations.
- 5) If the liquid crystal display breaks accidentally causing liquid crystal to escape. Do not allow liquid crystal to come in contact with your skin, eyes and mouth. Have the LCD replaced by service personnel as soon as possible. The replaced LCD should be discarded in accordance with local regulations.

- 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 ejecting/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.

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. Over 99.99% 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, moisture 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 1 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.

About the car steering wheel control with C-BUS connector

Attention the interstar connection of the three signal wire: the red and the white signal wire (marked "KEY 1" and "KEY 2") only connection the car steering signal, **CANN'T connection the car power, otherwise the MCU will destroyed!** the black signal wire (marked "GND")

Safety Notice

Before operating this product, please read these notice, we suggest installed this unit by qualified technicians or service personnel.



The working volt of this unit is DC 12v~14V, don't installed in the track and the bus (It' s DC 24V)



Please use the genuine discs, do not use non-standard or poor quality discs, otherwise they might lead to failure



If without the guidance of professionals, do not replace the power fuse privately or use improper fuse, it would result in damage and caused the fire



In order to avoid violation of traffic laws, drivers can not be viewing and operation the unit while driving



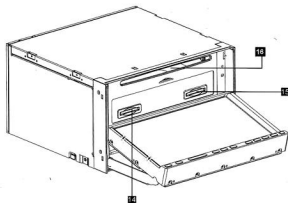
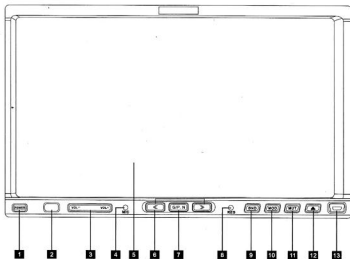
Technical specialists is required unstaill this unit. The unit should be installed by qualified technicians or service personnel



do not put the products in the environment of water vapour and water, to prevent short circuit caused by electric shock and fire damage

Warm prompt: In order to prevent short circuit, please turned off the car and cut off ACC and the B + connection before install the unit

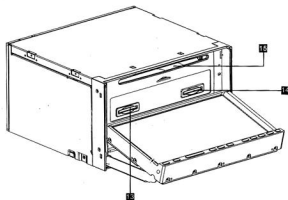
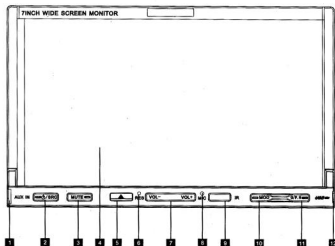
PANEL ILLUSTRATION ☐



- 1** Power
- 2** Remote control sensor
- 3** Volume adjustment
- 4** Microphone
- 5** TFT monitor
- 6** Tuning/Selecting Tracks
- 7** GPS&PAL/NTSC
- 8** Reset button

- 9** Band button
- 10** Mode button
- 11** Mute button
- 12** Eject/angle
- 13** USB Port
- 14** SD Card Slot
- 15** GPS Slot
- 16** Disc slot port

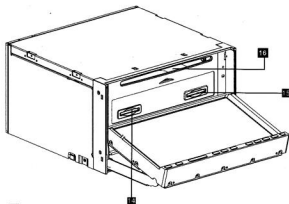
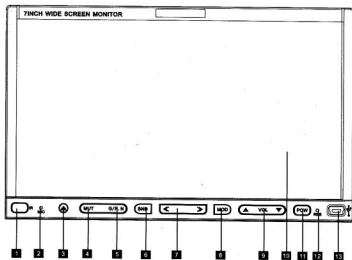
PANEL ILLUSTRATION ☐



- 1 AUX IN
- 2 Power/SRC
- 3 Mute button
- 4 TFT monitor
- 5 Eject/angle
- 6 Reset button
- 7 Volume adjustment
- 8 Microphone

- 9 Remote control sensor
- 10 Mode button
- 11 GPS&PAL/NTSC
- 12 USB Port
- 13 SD Card Slot
- 14 GPS Slot
- 15 Disc slot port

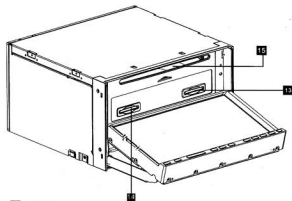
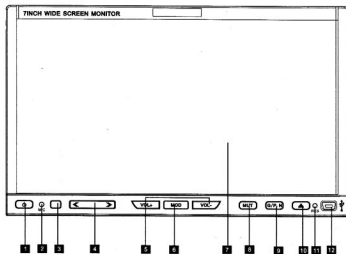
PANEL ILLUSTRATION



- 1 Remote control sensor
- 2 Microphone
- 3 Eject/angle
- 4 Mute button
- 5 GPS/PAL/NTSC
- 6 Band button
- 7 Tuning/Selecting Tracks
- 8 Mode button

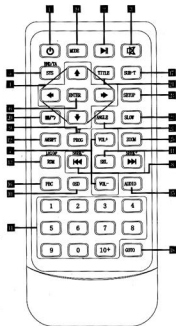
- 9 Volume adjustment
- 10 TFT monitor
- 11 Power
- 12 Reset button
- 13 USB Port
- 14 SD Card Slot
- 15 GPS Slot
- 16 Disc slot port

PANEL ILLUSTRATION



- 1 Power
- 2 Microphone
- 3 Remote control sensor
- 4 Tuning/Selecting Tracks
- 5 Volume adjustment
- 6 Mode button
- 7 TFT monitor
- 8 Mute button
- 9 GPS&PAL/NTSC
- 10 Eject/angle
- 11 Reset button
- 12 USB Port
- 13 GPS Slot
- 14 SD Card Slot
- 15 Disc slot port

REMOTE CONTROL ILLUSTRATION



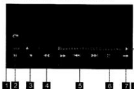
1. Power Switch
2. Pause/Play Button
3. Mute Button
4. Selecting Menu Button
5. Band/System Switch/TA
6. Enter Button
7. Volume Control
8. Tuning/Selecting
Tracks/F.F/REW
9. Program Playing/ST
10. On-Screen Display
11. Setting the Sound
Characteristics
12. Repeat Playing/AMS
13. Random Playing/LOC /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

Attention: ⏮ / ⏭ Button, In RADIO Mode this function is tuning;
In DVD Mode this select song (short press) and FWD/REW (long press)

MAIN MENU



PLAY DVD DISC



1. Back the main menu
2. PLAY/PAUSE
3. STOP
4. <<<>>> FF&REW
5. <<<>>> Previous track & Next track
6. SETUP
7. PAGE DOWN
8. VOLUME+/-



1. Back the main menu
2. AUDIO
3. OSD
4. Direction Button
5. OK
6. PAGE DOWN
7. VOLUME+/-

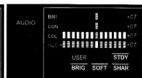


1. Back the main menu
2. MENU
3. ANGLE
4. REPEAT
5. TITLE
6. SUBTITLES
7. SELECTIONS
8. ENLARGE
9. PAGE DOWN
10. VOLUME+/-

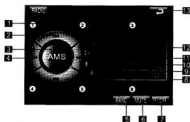
Attention: In DISC Mode, press upon of the TFT screen the panel slip-up; press below of the TFT screen the panel slip-down; press left of the TFT screen it is Previous song; press right of the TFT screen it is next song

SEL

When touch SEL button, it will appear the two operation interfaces as below:



RADIO OPERATION



1. BAND display zone
It can display the current waveband information.
2. MUTE
Select the downward/upward channel
3. AMS—Automatic memory & search button.
4. up/down scan
5. BND button.
Press this button to display you desired band
6. MUTE
7. TFT OFF
8. clock display
9. Traffic information marking switch
Touch (TA) zone, turn on the traffic information marking switch. You can touch TA-ON or TA-OFF.
10. 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.

11. 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.

12. Display zone column

13. Back the main menu

IPOD



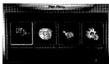
1. Back the main menu
2. MODE
3. PLAY/PAUSE
4. OK
5. Direction nutton
6. Select the downward/upward channel
7. PAGE DOWN
8. VOLUME+/-

Attention: In MP3 Mode, support direct touch-select song

GPS Navigation Operation

1. Select GPS in main menu

2. Enter the GPS interface as below:



3. Click "Setting", the interface will be show as below:



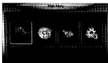
4. Click "Navisetting", and then a prompt is show asking for setting the GPS map path.



5. select the corresponding path to start the program

6. Back to main interface (as shown in Picture 1)

7. Re-enter the GPS interface:



8. Click "Navigation" to start using the GPS Navigation

TV OPERATION



1. Number keys

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

2. EJECT BUTTON

3. MUTE

4. AUDIO

5. TV SYSTEM

6. SCAN 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.

7. SEL Setting the Sound Characteristics

8. MANUAL SCAN

9. Select the downward/upward channel

10. ENTER

11. THE CURRENT TV SYSTEM

12. Back the main menu

Note: When touch SEL button, it will appear the operation interface as below:



BLUETOOTH

BEFORE YOU READ THIS BLUETOOTH INSTRUCTION PLEASE NOTE FOLLOW POINTS:

1. the Bluetooth function is optional, you just can use this function which you bought the Unit including Bluetooth function.
2. the initial password is "0000"
3. During any mode, setting your mobile as "Bluetooth connect", when it successes, the screen will show a "B"



- 0 Volume+/-
- 1 Previous track/Fast Rewind Next track/Fast Forward
- 2 PLAY/PAUSE
- 3 "+"
- 4 Missed call
- 5 Received call
- 6 Dialed call
- 7 Hang up
- 8 Delete key
- 9 Keyboard zone, when you touch the key in the area, will display the corresponding operation.
- 10 CONNECT
- 11 Operation status display zone
- 12 Return to main menu

SET UP:

1.CLOCK



2.RDS MODE



3.CAMERA



4. RADIO



5. OSD LANG



6. DIRECTION SETUP



1. Click "DIRECTION" Enter "STEERING SETUP"
2. Click "RESET", Push Arbitrary Button On Steering Wheel Six Time
3. Click "ALLOCATE", Push Arbitrary Six Button On Screen

VOL-, VOL+, CH-, CH+, SEEK-, SEEK+, PWR, SRC, MUTE, MOD

4. Click "ENTER" To Save Setting Back Main Menu

Operation and Attention of Steering Control:

1. Before operating this unit. You need confirm that your car support the steering control function
2. Before operating this unit. Please consult the Page 22 of this instruction manual
3. Don't connect the Steering Control line (brown line; white line; black line) to the 12V car battery or other above 5V power; The KY1 (brown line) and KY2 (white line) only connect to the Steering Control line port of your car (you can find the port in your car's circuit diagram), the GND (black line) connected groundwire

Advanced operation

1. Menu select

-press $\leftarrow \rightarrow \uparrow \downarrow$ to select your desired menu. Then press **ENTER** or press

the play button **▶** to confirm.

2. Band/System Switch

-During radio mode, press **[F1]**, to switch receiving band. Press and hold it, open the LOUD function.

-During playback mode, press **[F2]** 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 **REW** button to fast rewind or fast forward to reach your desired track quickly. Momentarily pressing **FF** or **REW** 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 **SEL**, 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.

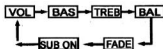
6. On-Screen Display

--During CD/VCD/DVD mode, press **OSD**. 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.

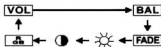
Note: During MP3 mode, only single track elapsed time is displayed in OSD mode.

7. VOL/BAS/TRE/BAL/FADE/SEL

Repeatedly press **SEL** 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 **AMS/REP** 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 **AMS/REP** 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 **AMS/REP** to scan each stored station for 10 second.*

9. Random Playing

--During playback mode, press **RDM** 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 Select

--During playback mode, continuously press **LDI** 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 favorite 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 Select

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

14. Setting CD Playback Time

--In VCD/CD mode, press **TIME** 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 **ENTER** 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 **STOP** 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 **STOP** 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 **LEFT** 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 SETUP MENU**.

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**.



System
setup

Language
setup

Audio
setup

Video
setup

Digital
setup

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. Video



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 bottom 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. LANGUAGE 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 **Left/Right** to choose your desired track number and press ENTER or **Start**.

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

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

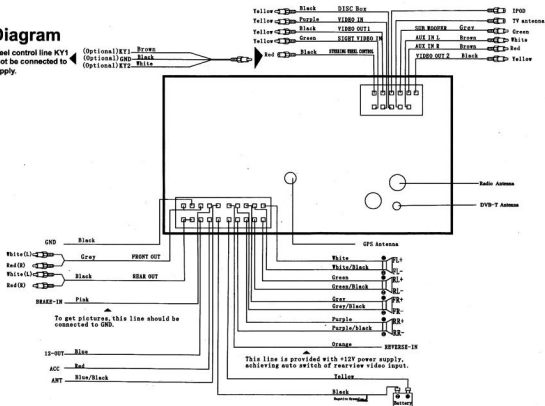
21. ZOOM

--IN DVD.VCD playing mode, press **ZOOM** once for 1.5X Mode, third time for 3X mode, forth 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

Steering wheel control line KY1 and KY2 cannot be connected to 12V power supply.



Note: TO keep pictures during the driving, connect the BRAKE-IN control line (pink) to GND.

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 multi-language	If the DVD has not recorded multi-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 supply	14.4DC
Load resistance	4 ohm
Maximum power output	60Wx4
Sound quality control	+/-8dB(Bass 100Hz,treble 10KHz)
Weight	approx.2.5kg

7.0 Inch

Dimensions	approx,182x178x100mm(LxWxH)
Installation diameter	approx,160x178x100mm(LxWxH)

DVD

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

Video

Video output	1.0 vp-p 75 ohm
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Horizontal Resolution	500
Image system	16:9 mailbox and 16:9 flat scanning

Audio

Maximum output level	2 Vrms(+/-3dB)
Frequency response	20 to 20 KHz
SNR	85 dB
Crosstalk	80 dB

AM Tuning

Frequency range	522-1620 KHz (Europe/China), 530-1710 KHz (America)
IF range	450KHz
Actual sensitivity	25dB

FM Tuning

Frequency range	87.5-108 MHz (Europe/China), 87.5-107.9 MHz (America)
IF range	10.7MHz
Actual sensitivity	15 dB
SNR	60dB
Stereo Crosstalk	30dB(1MHz)
Frequency response	30-15MHz

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