Lanzar®   SD82

Instruction Manual

Fully Compatible to the Formats of Files Such as DVD, VCD, JPEG, MP4, MP3, MWA, CD.

2 IN 1 CAR AUDIO SYSTEM WITH DVD.VCD.JPEG.MP4.MP3.WMA.CD DISC PLAYER AND AM/FM STEREO DIGITAL TUNING RADIO

Remark: Any information subject to change without further notice

WWW. LANZAR. COM

Contents

7. Specification

General Specification
Power Requirement...DC 12V
Maximum Power Output....................4 x 80W(measured at DC 14.4 V)
Dimensions(w x h x d)...178 x 50 x 165mm

DVD Deck Specification
Format....................................DVD/VCD/JPEG/MP4/MP3/MWA/CD
Video System..PAL/PAL 60/NTSC/AUTO
Audio System...24 bit/96KHz
Loading System... Auto Loading
Mounting Angle..0 to +/-30

Video Specification
Video System...16:9 and 4:3
Video Output level..1.0Vp-p 75 ohms
Horizontal Resolution...500

Audio Specification
Maximum Output...1Vrms(+/-3dB)
Frequency Response...20 to 20KHz
S/N Ratio(A-vtd)..60dB
Separation...50dB

Radio Specification
FM Section
Frequency range...87.5MHz - 107.9MHz
Usable sensitivity..3uV
I.F Frequency...10.7MHz
AM Section
Frequency..530KHz - 1710KHz

Manufactured under license from Dolby Laboratories.
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1. Before Operation

1.1 Glossary

PBC (playback control)
It is a kind of signal(menu) recorded in the disc with SVCD or VCD2.0
format used for the playback control. For the discs contained PBC, It
can playback interactive software with the menu displayed on TV. And
if the disc contain still images, it can playback high definition of still
image.

Title
Generally, the title is the important part of DVD disc. for example, the
theme part of movie is title 1, the part described how to make movie
is title 2, the cast is title 3, etc. Every title contain a serial number
that is easy to lookup.

Chapter
A title can be divided into several blocks, so that every block can be
operated as a unit, the unit is called chapter. The chapter contain a
unit at least.

Track
It is the biggest component of VCD. Generally, every song of karaoke
disc is a track.

1.2 Precautions and Maintenance

1. If the car interior is extremely hot, as after being parked in the sun, do
   not use the player until the car has been driven for a while to cool off
   the interior.
2. The protective case is to safely keep the front panel.
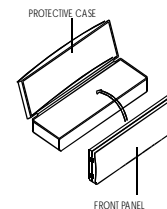
3. The unit is designed for negative terminal of the battery which is
   connected to the vehicle metal. Please confirm it before installation.
4. Do not allow the speaker wires to be shorted together when the unit is
   switched on. Otherwise it may overload or burn out the power amplifier.
5. Do not install the detachable panel before connecting the wire.

1.3 Maintenance and Cleaning of Discs

Disc Maintenance

1. To keep the disc clean, handle the disc by its edge, do not touch the disc
   surface of the play side.
2. Do not stick paper or tape on the disc. If there is glue (or analog) on the
   disc surface, must wipe it up before using.
3. Do not expose the disc to direct sunlight, or nearby heat sources such as
   caliduct, or leave it in a car parked in direct sunlight where there can be a
   considerable rise in temperature.
4. Put the disc inside disc case to keep temperature after finishing playback.

Disc Cleaning

1. Before playing, wipe the disc with a clean lint. wipe the disc outwards from
   the disc center.
2. Do not use petrel, thinner, commercially cleaner or anti-static spray used to
   plastic LP to wipe disc.

correct   wrong

correct   wrong

Fig.1   Fig.2   Fig.3
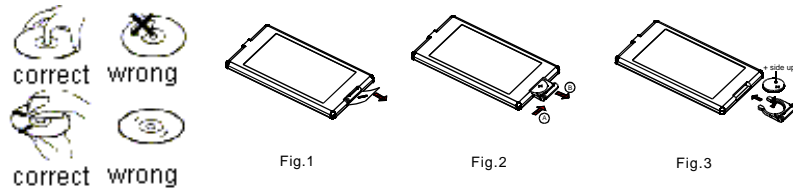
1.4 Battery Information of Remote Control

Replace Battery in Remote Control:
1.Before using the remote control for the first time, pull the insulating
   sheet out of the remote control as the direction indicated by the
   arrow.(see fig.1)
2.Press the movable block hold as the direction indicated by the A arrow
   (See fig.2), then pull the battery holder out of the remote control as
   the direction indicated by the B arrow(see fig.2).
3.Replace the old battery by a new battery with (+) polarity side upward.
   (See fig.3).
4.Insert the battery holder to the original position in remote control.
   (See fig.3).
Note about the Battery of Remote Control:
1.Improper use of battery may cause overheating or explosion. so that
   Result in injury or fire .
2.Battery leakage may cause damage to the remote control(Battery
   Life: 6 months with normal use in normal room temperature).
3.Do not short the battery.
4.Do not throw the battery into the fire.
5.To avoid the risk of accident, keep the battery out of reach of children.

6. Trouble Shooting

Symptom	Cause	Solution
Power does not turn on	IR Remote not functioning.	Check the IR remote For a good battery.
DVD Disc does not insert.	Another disc is Already in unit.	Eject first DVD disc And insert another into unit.
The disc is ejected as soon as it is inserted.	The disc has been inserted Upside down.	Insert the disc with the label side up.
Sound skips or noisy.	Disc is dirty. Disc is seriously scratched or warped.	Clean the disc with A soft cloth. Replace the disc with no scratches.
Sound is bad after power is turned on.	Condensation may have formed on the Internal lens when The car is parked in a humid place.	Let dry for about one hour with the power turned on.

5.21 Region Code

Q: Not begin to playback but to display REGION ERROR after inserting disc into disc compartment. Why ?

A: Because the DVD player and disc has respective region code. If the region codes of them are not match with each other, the DVD player can not play the disc.
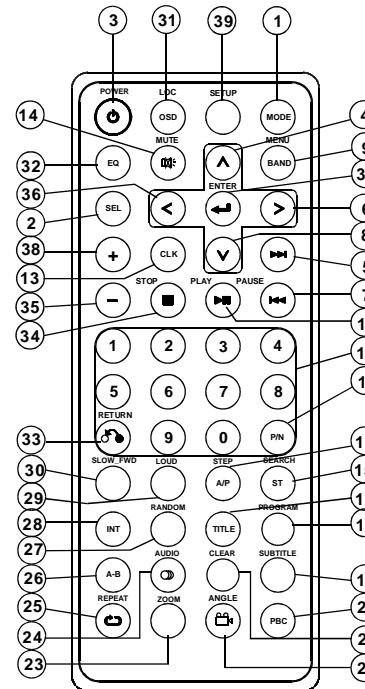
Appendix: The region code of DVD:

The Motion Picture Association of Amereca (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 are 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, Hong Kong, South Corea, 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 Corea, 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 buy it. The problems caused from the area code inconsistency between the disc and the DVD player has pushed 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 movie discs not produced by the 8 biggest filmmaking companies of America were not restricted by the rule of region code. Generally, they are called FreeRegionCode discs or Full Region discs. The 8 biggest filmmaking companies of America are as follows:

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

1.5 Remote Control Description

1. MODE BUTTON
2. SEL BUTTON
3. POWER BUTTON
4. JOG UP/SEEK UP BUTTON
5. F.FWD/NEXT BUTTON
6. JOG RIGHT BUTTON
7. F.BWD/PREV. BUTTON
8. JOG DN/SEEK DN BUTTON
9. MENU/BAND BUTTON
10. PLAY/PAUSE BUTTON
11. NUMBER/PRESET MEMORY BUTTONS
12. P/N BUTTON
13. CLOCK BUTTON
14. MUTE BUTTON
15. STEREO/MONO and SEARCH BUTTON

16. A/P and STEP BUTTON
17. PROGRAM BUTTON
18. TITLE BUTTON
19. SUBTITLE BUTTON
20. PBC BUTTON
21. CLEAR BUTTON
22. ANGLE BUTTON
23. ZOOM BUTTON
24. AUDIO BUTTON
25. REPEAT BUTTON
26. A-B BUTTON
27. RANDOM BUTTON
28. INT BUTTON

29. LOUDNESS BUTTON
30. SLOW FORWARD BUTTON
31. OSD and LOC/DX BUTTON
32. EQ BUTTON
33. RETURN BUTTON
34. STOP BUTTON
35. VOLUME- BUTTON
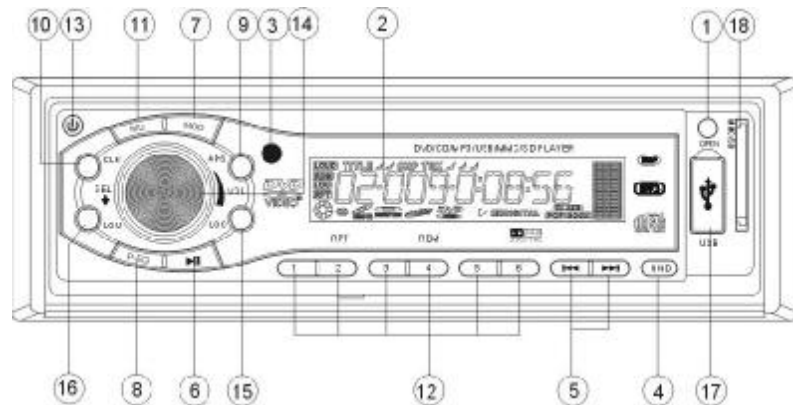36. JOG LEFT BUTTON
37. ENTER BUTTON
38. VOLUME+ BUTTON
39. SETUP BUTTON

1.6 Description of Face of Front Panel

1. OPEN BUTTON

2. LCD SCREEN

3. IR REMOTE SENSOR

4. BAND BUTTON

5. UP/DN BUTTONS

6. PLAY/PAUSE BUTTON

7. MODE BUTTON

8. P-EQ BUTTON

9. APS BUTTON

10. CLOCK BUTTON

11. MUTE BUTTON

12. PRESET STATION AND RPT/RDM BUTTONS

13. POWER BUTTON

14. SOUND MODE BUTTON AND VOL KNOB

15. LO/DX BUTTON

16. LOUD BUTTON

17. USB SOCKET

18. MMC/SD SOCKET

5.20 Parental Control

Q:After inserting DVD disc into disc compartment, it will appear a dialogue window that ask me input a password of 4 digit. Why ?
A:This is because that the disc movie you are playing was rated with the Parental Control, and the current rating level of DVD player is lower than one of current disc. You must input right password and enter it to entry Parental Control setup menu and then set a equal or higher rating level than one of current disc. So that you can playback the disc.

! NOTE

* If you have not changed the password, the factory preset password for the DVD player will be empty. So that you should input a desired password and input it again to verify it to enter the Parental Control setup menu.
* For the rating level setup of Parental Control of the DVD player, please refer to the relative content of LOCK setup menu for details.

Accessories: Parental Control

The Parental Control function of a DVD player can control the playback of movie rated level in a disc. Can set the DVD player(include software player in PC) to be a certain rating level with SETUP MENU on TV screen.If the rating level set in the disc is higher than one set in the DVD player, the DVD player can not playback the disc. Sometimes the Parental Control sequences in some discs are different from each other. The rating level setup can be protected by the password. Therein, if you select Unlock item, the Parental Control function will be invalid, the content of disc will be played totally.

The disc movie can be designed as that the DVD player will playback the different version of content of a same movie according to the different rating level set by Parental Control. Depend on the DVD feature of seamless switching described above, the scenes that are not fitting for children will be cleared or replaced by the other fitting scene automatically.

All rating levels of Parental Control are as follows:
	Unlock
1	Kid Safe
2	G
3	PG
4	PG 13
5	PG R
6	R
7	NC 17
8	Adult

D. Preference Page

Audio
Subtitle
Disc Menu
Parental
Angle Mark
Default

AUDIO
This item is for selecting an audio language.

SUBTITLE
This item is for selecting a subtitle language or turn off the subtitle language.

DISC MENU
This item is for selecting a disc menu language.

PARENTAL
The item is for setting a new rating level of the Parental Control(See page 26).
Note: if you want to set a new rating level of the Parental Control, must input the password 137988.
Before the other persons see the Manual, you should get the password in mind and cut out the PASSWORD in the Manual.

ANGLE MARK
This item is for turning on/off ANGLE MARK mode. When turning on the ANGLE MARK mode, during playback of the DVD disc, if you press the ANGLE button , you can view the picture in different angle.

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

1.7 Description of Unit Chassis Face
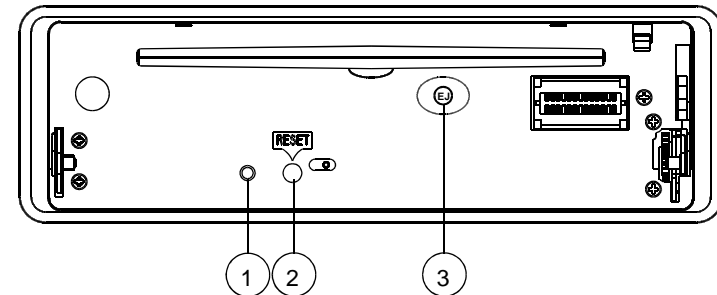
1.LED indicator: Flashing when detachable panel is removed.
2.RESET button: Press it to rehabilitate the distorted program to zero.
3. EJECT button: press it to eject disc from disc compartment.
When the disc can not be eject out of the compartment, press MODE button to change into RADIO mode and then press EJECT button to eject the disc from compartment.

1.8 Description of Rear Cabinet Socket
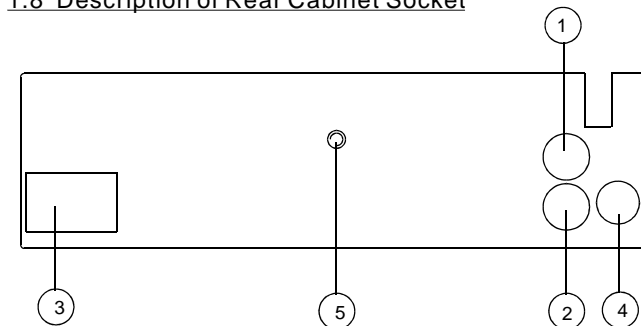
1,2. Video Output (2 RCA jacks)
Use a video cable to connect the video output signal to the external video monitors.
3. Power and Speakers Wires Socket
4. Antenna Socket
5. Fixing Screw Bolt
Use the clip end of a Ground Line provided by manufacturer to connect the Fixing Screw Bolt, use another end of the Ground Line to connect the negative pole of the power source. Otherwise, the video on screen maybe flashes.

1.9 DESCRIPTION OF LCD ON THE FRONT PANEL
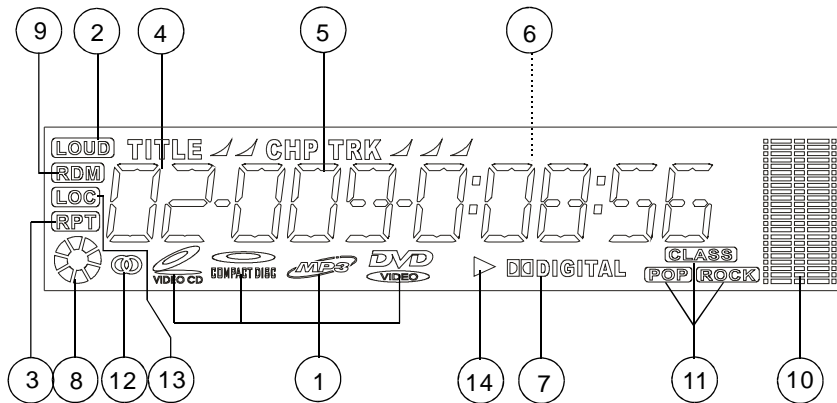
1. DVD/VCD/CD/MP3 disc indicators.

2. Loudness indicators.

3. Repeat playback indicators (single or all for DVD/VCD/CD disc, single, folder and all for MP3 disc).

4. Title number indicator.

5. Chapter/Track number indicator.

6. Disc playing time indicator for DVD/VCD, track time indicator for CD/MP3.

7. Dolby digital indicator.

8. Disc rotation indicator.

9. RANDOM indicator.

10/14/15. SPECTRUM indicator.

11. CLASS, ROCK and POP equalizer curves indicators.

12. STEREO indicator.

13. Local indicator.

14. Playing indicator.

DOWNMIX
It is for selecting your desired sound effect when there is not central speaker and sub-woofer. There are 2 modes: LT/RT, STEREO.
LT/RT: When playing a disc with PRO LOGIC Dolby stereo effect, choose the item, so it will output audio signal with vivid theatre effect.
STEREO: If you choose the item, when outputting audio signal with 5.1 channels, it will output the left and right channels of signal ; when outputting audio signal with 2 channels, it will output the common 2 channels of stereo signal.

DUAL MONO
It is for selecting a desired audio output mode for the left and right ways of signal.
It is mainly for Karaoke of Ac3. There are 4 modes in all as follows: STEREO, L-MONO, R-MONO, MIX- MONO.

DYNAMIC RANGE
It is for adjusting the linear compression ratio. If you set it to be FULL, the Peak-to-Peak value of the audio signal is the minimum; if you set it to be OFF, the Peak-to-Peak value is the maximum.

C. Video Setup Page
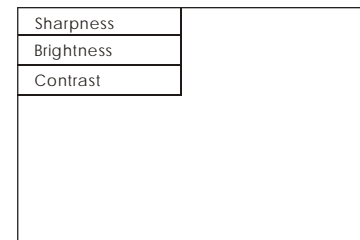
SHARPNESS
It is for adjusting the sharpness of the video output.

BRIGHTNESS
It is for adjusting the brightness of the video output.

CONTRAST
It is for adjusting the contrast of the video output.

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

TV Display
The setup item is for matching the 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 WIDE: Choose the item when connecting a TV set with 16:9 wide screen.

MP3 MODE
The setup item can switch the MP3 playback mode between Auto and Manual.

PBC
The setup item can switch the defaulted PBC mode between ON and OFF.

HDCD
The setup item is for the playback of the high definition CD. There are 3 modes: Off, 1X, 2X.

B. Speaker Setup Page

Downmix
Dual Mono
Dynamic

1.10 Description of Input/Output Wires

ANTENNA SOCKET

MEMORY B+ — YELLOW
BLACK(GND)
IGNITION SWITCH — RED
BLUE AUTO ANT

Fused filter box 10A&3A fuses

WOOFER LINE OUT — YELLOW
RCA LINE OUT — RED R
WHITE L

FRONT — WHITE
WHITE / BLACK
LEFT SP
GREEN
REAR
GREEN / BLACK

GRAY — FRONT
GRAY / BLACK — RIGHT SP
VIOLET
VIOLET / BLACK — REAR
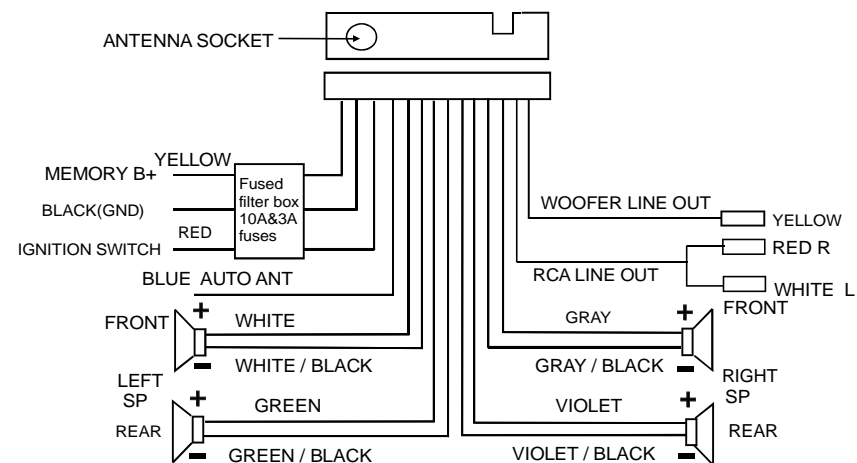
NOTES:
1. Only speakers with 4 ohms impedance may be used.
2. Ensure that the blue auto antenna cable does not make contact with any ground connection.

1.11 INSTALLATION

INSTALLATION INSTRUCTIONS

IT IS AN ANTI-THEFT INSTALLATION WAY. THE CHASSIS WEAR A METAL SLIDING HOUSING. PLEASE HAVE THE WIRING CONNECTION OF THE POWER SUPPLY, SPEAKERS AND ANTENNA AS FOR THE REQUIREMENT OF THE MANUAL, THEN INSTALL THE METAL SLIDING HOUSING INTO THE CAR ACCORDING TO THE DIAGRAM.

TO BOOST UP THE CAPABILITY OF ANTI-JAMMING, PLEASE FIX THE METAL STRAP ON THE METAL CONNECTED TO THE BOTTOM BRACKET OF THE CAR.

SELECT THE PROPER FIXER FOR FIXING THE SLIDING METAL HOUSING.

METAL STRAP

UNIT CHASSIS

PLASTIC TRIM OUT

DASH BOARD

FRONT PANEL

SLIDING METAL HOUSING

TO DRAW THE CHASSIS OUT OF THE SLIDING METAL HOUSING, INSERT THE LEFT AND RIGHT KEY PLATES INTO THE RIGHT POSITION OF THE 2 SIDES OF THE CHASSIS.

NOTE

REMOVE THE DECK TRANSPORT SCREWS BEFORE OPERATING IT.

TO INSTALL THE FRONT PANEL BACK TO THE UNIT CHASSIS, FIRSTLY MAKE THE LEFT GUIDE BLOCK HOLE AND THE LEFT CYLINDER LINE UP AND THEN COMBINE THEM, THEN MAKE THE RIGHT GUIDE BLOCK HOLE AND THE RIGHT CYLINDER LINE UP AND THEN COMBINE THEM, FINALLY FLIP THE FRONT PANEL UP TO THE PANEL HOUSING TILL IT CLIP INTO POSITION.

REMOVE THE SLIDING METAL HOUSING

PRESS RESET BUTTON TO RESUME THE DISTORTED PROGRAM WHEN THE LCD DISPLAY IMPROPERLY AND SOME BUTTONS ARE INVALID.

RESET BUTTON

TO REMOVE THE FRONT PANEL FROM THE UNIT CHASSIS, FIRSTLY PUSH THE FRONT PANEL HOLD RIGHTWARDS AND THEN PULL THE LEFT SIDE OF THE FRONT PANEL OUTWARDS

TO INSERT DISC INTO COMPARTMENT OR EJECT DISC OR REMOVE THE FRONT PANEL FROM THE UNIT CHASSIS, PRESS THE OPEN BUTTON TO FLIP DOWN THE FRONT PANEL.

1. Press SETUP button on the IR remote control to display System Settings Main Menu on the TV screen. The System Setting Main Menu consist of 4 parts, i.e. 4 sub-menu. From left side to right side, they are General Setup Page, Speaker Setup Page, Video Setup Page and Preference Page.

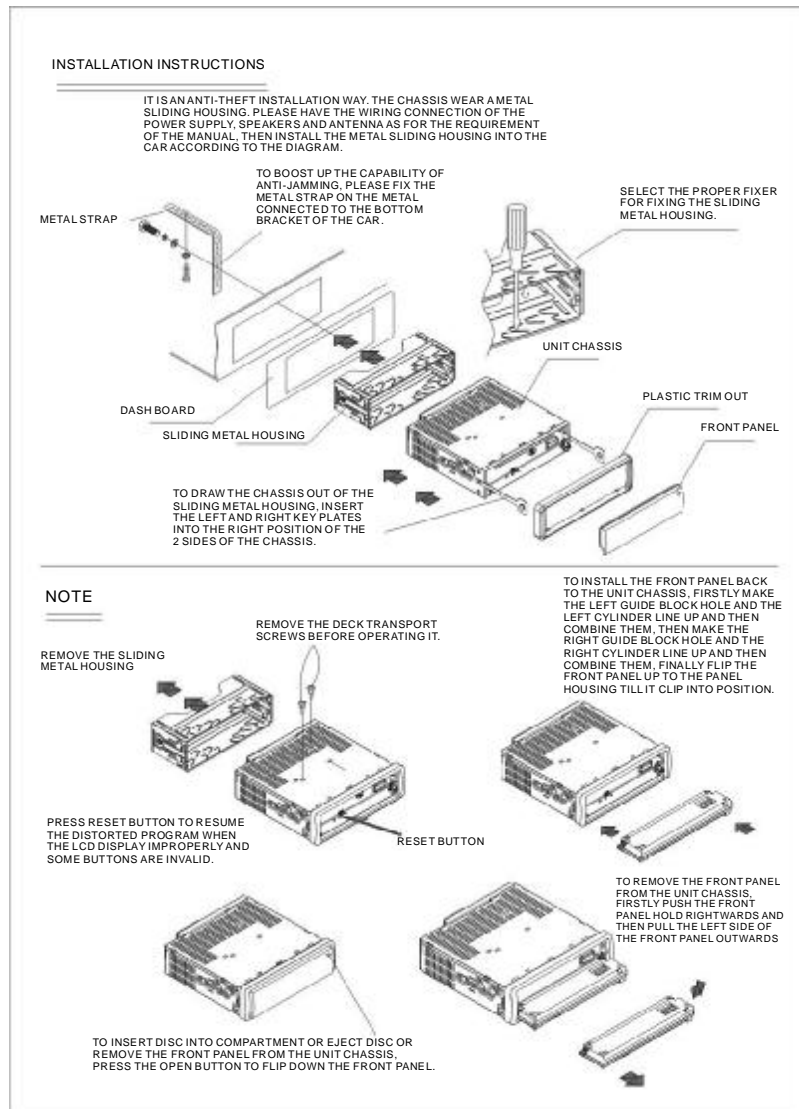2. Use LEFT/RIGHT button to select one of the above 4 parts. Then press ENTER or PLAY/PAUSE button to enter it.

3. Use LEFT/RIGHT/UP/DOWN button to select a item you want set, then press ENTER or PLAY/PAUSE button to conform it.

4. After finishing setting, continuously press LEFT button to exit to System Settings Main Menu.

*   During setting up, pressing SETUP button can exit from System Settings Menu and resume normal playback.

    The 4 parts of the System Settings Main Menu are described as follows:

A. General Setup Page

OSD Lang	
TV Type	
TV Display	
MP3 MODE	
PBC	
HDCD	

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

TV Type
This product supports output of various TV Type, including PAL, AUTO, NTSC and PAL 60.

3. During JPEG playback, press one of the >/< buttons to change the angle
    of viewing picture that is displaying as follows:
        >: 90 deg cw;   <: 90deg ccw
    During JPEG playback, press the STOP or MENU button to stop playing and
    return to the root menu.

*   During JPEG playback, the following buttons are not available: SLOW-FWD,
    SUBTITLE, TITLE, ANGLE, STEP, OSD, RETURN, RDM, PROGRAM, ZOOM,
    AUDIO, CLEAR,PBC, INT and A-B.

*   In JPEG mode,the other operations are same as ones in MP3/WMA mode.

5.16 MP4 Operation

1. The root menu is displayed on TV when beginning to switch on DISC mode,
    then it will automatically play the first file.
    During playback, press the STOP button to stop playing and return to the
    root menu.

2. When displaying the root menu, press the direction buttons to select your
    desired FOLDER or file, then press the OK or PLAY button to open the
    FOLDER, or play the selected file.
    When displaying the root menu, you can also use the number buttons to
    select the serial number of the file and play the file.

*   The ANGLE, TITLE, PBC, MENU, RETURN, PROGRAM, CLEAR, RDM,
    INT, SUBTITLE buttons are not valid.

*   The other functions are same as ones in VCD disc.

5.17 ESP Function

    There is ESP function for all formats of discs.

5.18 USB and MMC/SD Reader Operation

    Power on the DVD player, then insert the USB storage or MMC/SD Card,
    and then the monitor will display the root menu of the USB storage or MMC
    /SD Card.
    All the operations are same as ones in the disc of the same format file.

2. Common Operation

1. POWER BUTTON
    Under power on mode, press POWER button shortly to turn off the unit but
    the clock still display on LCD. Press power button again to turn on the unit.
    Under power on mode, press POWER button long, it will display SEE-YOU
    on LCD for a while and then fully turn off.
2. MODE BUTTON
    Press the MODE button on the front panel or the remote control to select
    DISC(after inserting a disc), RADIO, USB(after inserting a USB storage),
    CARD(after inserting a SD/MMC card) mode.
3. AUDIO MODE AND LEVEL BUTTONS(KNOBS)
    Press the SEL button on the front panel or the remote controller to select the
    audio modes such as VOL, BAS, TRE, BAL and FAD, then press + or - button or
    rotate the VOL knob to adjust the level of them.
    If turn off the controlling power and then turn on it, the level of all audio modes
    will be one of them before turning off the controlling power. If turn off ACC power
    and then turn on it, the level of volume will be the defaulted one, and the other 4
    audio modes will still be one of them before turning off the ACC power .
    Press or hold the + or - button or rotate the VOL knob to directly adjust the
    volume level.
    Hold the SEL button to display the defaulted volume level, then press the + or -
    button or rotate the VOL knob to set a new one.
4. MUTE BUTTON
    Press the MUTE button on the front panel or the remote control to eliminate
    the sound immediately and the audio mute indicator on the LCD will be flashed,
    press it again to resume the normal playback.
5. CLOCK DISPLAY AND ADJUSTMENT BUTTONS
    Press the CLK button on the front panel or the remote control to display
    time on LCD.
    Long press the CLK button to flash MINUTE, and then rotate the VOL knob on
    the front panel or press or hold the + or - button on the remote control to
    adjust MINUTE; then press the CLK button to flash HOUR, and then rotate the
    VOL knob on the front panel or press or hold the + or - button to adjust HOUR.
    Finally long press the CLK button to confirm it and exit.
6. EQ(P-EQ) BUTTON
    Press the EQ button on the remote control or the P-EQ button on the front
    panel to select the preset music equalizer curves: OFF, POP, ROCK, CLAS.
    The sound effect will be changed.
7. OPEN BUTTON
    Press the OPEN button on the front panel to flip down the front panel from the
    unit, then you can insert the disc into the disc compartment or press the EJECT
    button on the back of the front panel to eject the disc or remove the front panel.
8. IR REMOTE SENSOR
9. LOUDNESS BUTTON
    Press LOUD button to enhance bass level immediately when bass is not enough.

3. Radio Operation

1. PRESET STATION [1-6] BUTTONS
    A]. To memorize the current frequency, press any one of the six preset
       buttons(1-6) on the front panel or on the remote control hold for more
       than 2 seconds.
    B]. To recall the preset memory, press one of the preset buttons [1-6].

2. AS/PS BUTTON
   A)When shortly pressing the APS button on the front panel or the A/P button on
      the remote control, the radio searches for each preset station stored in the
      current band from the preset station 1. At the time, the name of the band, the
      frequency of the preset station and the name of the number button, will display
      on LCD, and it will display for 5 seconds for every preset station. after searching
      the preset stations for a circle, it will stop searching and listen to the preset
      station 1.
   B)When long pressing the APS or A/P button (more than 1 second), the radio
      searches from the current frequency and checks the signal strength level in the
      current band until 1 cycle searching is finished. And then the 6 stations of the
      strongest signal will preset to the corresponding memory banks of the number
      buttons. When the AS operation is finished, the radio will listen to the preset
      station 1. (For the 3 bands of the FM1/FM2/FM3, the AS operation will be finished
      once a time. It can store 3x6 FM stations and 2x6 AM stations)

3. BAND BUTTON
    In RADIO mode, press BAND button on the remote control or on the front
    panel to select your desired radio band and word which band is selected will be
    displayed on LCD.

4. TUNE/SEEK UP/DOWN BUTTONS
    Press ^ or v button on the remote control or >>| or |<< button on the front
    panel to manually tune up or down for your desired station. Press them hold for
    more than 2 seconds to automatically tune up or down for the stronger station.

5. STEREO/MONO BUTTON
    Press ST button on the remote control to select STEREO or MONO sound
    mode for FM band.

6. LO/DX BUTTON
    In RADIO mode, when the signal of the distance radio station are very weak
    and the receiving effect is bad during tuning, check whether there is the word
    LOC on LCD or not. If there is the word LOC on LCD, press this button to turn
    off the LOC function, then tune again for the distance radio station; when the
    signal of the local radio station are too strong to lead that the interference to
    the receiving local radio station is very strong during tuning, press this button
    to turn on the LOC function to display the word LOC on LCD, then tune again
    for the local radio station.

5.12 Change Audio Language

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

2. In the state of MP3/WMA disc playing, the AUDIO button on the IR
    remote control is not available.

3. In the state of VCD/CD disc playing, press the AUDIO button repeatedly
    to select LEFT MONO, RIGHT MONO, MIX-MONO and STEREO sound
    mode, no language function.

5.13 Changing of Video Signal System

    During playback of DVD/VCD disc, press the P/N button repeatedly to
    change VIDEO SIGNAL SYSTEM mode as follows:
        --> PAL --> PAL 60 --> NTSC-->AUTO -->

5.14 Look over Sequence Number or Playback Time of Title/Chapter/Track

1. In the state of DVD disc playing, press the OSD button repeatedly on the
   remote control to display: Title Elapsed, Title Remain, Chapter Elapsed,
   Chapter Remain and Display Off.

2. In the state of VCD disc playing, press the OSD button repeatedly on the
   remote control to display: Single Elapsed , Single Remain , Total Elapsed,
   Total Remain and Display Off.

3. In the state of CD disc playing, press the OSD button repeatedly on the
   remote control to display: Single Elapsed, Single Remain, Total Elapsed,
   Total Remain.

4. In the state of MP3/WMA disc playing, press the OSD button repeatedly
   on the remote control to display: Filelist Repeat Off, Filelist Repeat On.

5.15 Playback the Picture CD in JPEG Format

1. The root menu is displayed on TV when beginning to switch on DISC mode.
2. When displaying the root menu, press the direction buttons to select your
    desired JPEG picture file, then press the OK or PLAY button to display the
    JPEG picture in full screen from the JPEG picture of the selected file.
     When displaying the root menu, you can also use the number buttons to
    select the serial number of the JPEG picture file and display the JPEG
    picture in full screen from the JPEG picture of the selected file.

2 Use number button to input desired sequence number of title/chapter/
   track with desired sequence.
3 Use direction button to move cursor onto START item, then press PLAY
   /PAUSE button toplay the programmed tracks in programmed order.
4 To exit program playback, firstly press PROGRAM button to enter program
   interface again. At the time, the cursor will stay on STOP item, pressing
   ENTER button will move cursor onto EXIT item, then press ENTER or PLAY
   /PAUSE button to exit program playback and resume normal playback.
*   when you input a wrong figure, press CLEAR button to delete it.
*   In the state of MP3/WMA disc playing, the PROGRAM button is invalid.

5.9 Playback in Different Angle

1. In the state of VCD/MP3/WMA/CD disc playing, the ANGLE button on the
    IR remote control is not available.
2. In the state of DVD disc playing, press TITLE button on the IR remote
    controller to display title menu and then root menu on TV screen, or
    press MENU or RETURN button to directly display root menu, then
    select ANGLE FUNCTION item and then press ENTER button on the
    IR remote control to turn into ANGLE function playing mode, then
    press the ANGLE button repeatedly on the IR remote control to view
    in different angle.(This function is only for the DVD discs with ANGLE
    function)

5.10 Playback in Zoom Mode

1. Under DVD/VCD/ Data CD mode, during playback, press ZOOM button
   continuously to enlarge a certain area of the images on TV screen with
   these multiples: X2, X3, X4, X1/2, X1/3,X1/4,ZOOM OFF.
2. Press UP/DOWN/LEFT/RIGHT buttons to select the area you want to
   enlarge(only for DVD).

5.11 Change Caption Language

   In the state of DVD disc playing, press SUBTITLE button repeatedly to
   select the language of the caption or turn off the caption.(depend on the
   disc used.)

   In the state of VCD/CD/MP3/WMA disc playing, the SUBTITLE button
   is not available.

4. Basic Disc USB MMC/SD Operation

4.1 Begin playback

1. Press POWER button to turn on the DVD player.
After turning on the DVD player, please turn on TV set, and ensure that the video output of TV is the video input from the DVD player connected with TV set.

? Common Question
Q: There is not anything is displayed on TV screen when the DVD player is turned on:
A: Ensure that the TV was set to right video input(not TV channel); for example, if you make VIDEO1 INPUT of TV and DVD player connected with each other, then you need set TV to VIDEO1.

2. Press OPEN button to flip down the front panel.

3. Insert Disc Into Disc Compartment(Label surface up)

4. Push the front panel back to combine with the head unit properly for the other operation.

! **NOTE**

1. For some discs that are seriously scratched or poor manufacturing or recording quality, it may not play.

2. If the player can not read disc under normal condition, please try to eject and reload the disc again.

3. Remark:
 1) In addition to normal CD and DVD, this unit supports to play CD-R, CD-R/W, DVD-R and DVD-R/W as well; however, depending on the conditions of the recording equipment, recording program or the disc itself, some CD-R, CD-R/W, DVD-R or DVD-R/W may not play.

 2) When dealing with CD-R, CD-R/W, DVD-R or DVD-R/W recording, too high recording speed may result in poor signal quality and therefore, it is recommendable to select as lower as possible recording speed.

use UP or DOWN button to select a desired item, then press ENTER button to enter it. Use UP/DOWN/LEFT/RIGHT button to select the item for inputting number for title/chapter/ track, then use the number buttons to input the corresponding serial number, finally press the ENTER button to play.

2. In the state of CD disc playing, press the INT button on the remote controller to play the previous 10 seconds part of each track on disc. Press PLAY/PAUSE or INT button to resume normal playback (depend on the disc used).

3. In the state of MP3/WMA disc playing, INT button is not available.

5.6 Playback a selected track/chapter or from a specified time

1. In the state of DVD disc playing, press SEARCH button to enter title/ chapter SN. search mode or title/chapter time search mode.

2. In the state of VCD/CD disc playing, press SEARCH button to enter disc time/track time search mode or track SN. Search mode .

3. In the state of MP3/WMA disc playing, press SEARCH button to enter track SN. Search mode or track time search mode.

5.7 Playback in Random

In the state of DVD/VCD/MP3/WMA/CD disc playing, press the RDM button to switch between SHUFFLE ON/OFF.

5.8 Program Playback

It allows you to enter the order in which you want some chapters/tracks in DVD/VCD/CD disc to play.

1 During playback, press PROGRAM button to enter a program interface as follows:

for DVD disc   for VCD/CD disc

Program:TT(n)/CH(- -)	
1 TT: CH:	6 TT: CH:
2 TT: CH:	7 TT: CH:
3 TT: CH:	8 TT: CH:
4 TT: CH:	9 TT: CH:
5 TT: CH:	10 TT: CH:
Exit START STOP	▶▶|

Program: Track(01-n)	
1 - -	6 - -
2 - -	7 - -
3 - -	8 - -
4 - -	9 - -
5 - -	10 - -
Exit START STOP	▶▶|

5.4 Playback Repeatedly

5.4.1 ONE/ALL Repeat

1. Under mode of DVD disc playback:
   Press the REPEAT button on the IR remote control or the 2RPT button
   on the front panel to select Repeat Chapter, Repeat Title, Repeat All
   or Repeat Off.

2. Under mode of VCD disc playback:
   Press PBC button on the IR remote control to turn PBC function ON/
   OFF(the defaulted mode is PBC OFF):
   1) When it is in the state of PBC ON, during playing, the REPEAT button
      on the IR remote control or 2RPT button on the front panel are not
      available.
   2) When it is in the state of PBC OFF, during playing, press the REPEAT
      button on the IR remote control or 2RPT button on the front panel to
      select Repeat Track, Repeat All or Repeat Off.

3. Under mode of MP3/WMA/CD disc playback:
   Press the REPEAT button on the IR remote control or the 2RPT button
   on the front panel to select Repeat Track, Repeat All or Repeat Off.

5.4.2 A-B Repeat

   Press **A-B** button if you want to repeat a specific segment on a disc that
   you define:

1. Press **A-B** button at a point (A) where you want it to be the start point of
   the repeat segment. Press **A-B** button again at a point (B) where you want
   it to be the terminal point of the repeat segment. Then it will play the seg-
   ment repeatedly.

2. To cancel A-B repeat mode and resume normal playback, press **A-B** button
   for the third time.

5.5 Playback in Scan Mode

1. In the state of DVD/VCD disc playing, press the INT button on the
    remote control to display an optional interface on the monitor:

For DVD disc:

```
Select Digest Type
Title Digest
Chapter Digest
Title Interval
Chapter Interval
```

For VCD(PBC OFF) disc:

```
Select Digest Type
Track Digest
Disc Interval
Track Interval
```

4.2 Pause Playback

   In the state of DVD/VCD/CD/MP3/WMA disc playing, press the PLAY
   /PAUSE button on IR remote control or the front panel of DVD
   player to pause the playback, press the PLAY/PAUSE button again
   to resume normal playback.

4.3 Stop Playback

   In the state of DVD/CD disc playing, press the STOP button once on IR
   remote control to stop the playback, then press the PLAY/PAUSE
   button to resume the normal playback; press the STOP button twice to
   full stop the playback, then press the PLAY/PAUSE button to start
   playback from the beginning of disc again.

   In the state of MP3/WMA disc playing, press the STOP button on IR
   remote control to stop the playback. Then press the PLAY/PAUSE
   button to playback from beginning of the track was playing before
   stopping .

   In the state of VCD disc playing, press PBC button on the IR remote
   controller to turn PBC function ON/OFF:
   1) When it is in PBC on, during playback, press the STOP button once on
      IR remote control to stop the playback, then press the PLAY/PAUSE
      button to resume the normal playback; press the STOP button twice to
      full stop the playback, then press the PLAY/PAUSE button to display
      disc menu.
   2) When it is in PBC off, during playback, press the STOP button once on
      IR remote control to stop the playback, then press the PLAY/PAUSE
      button to resume the normal playback; press the STOP button twice to
      full stop the playback, then press the PLAY/PAUSE button to start
      playback from the beginning of first track.

4.4 Select Chapter/Track with NEXT/PREV. or >>| / |<< Buttons

   Press the NEXT/PREV. or the >>| / |<< button during playback to select the
   next or last chapter/track to playback.
   NOTE: PRESS THE NEXT//PREV. OR >>| / |<< BUTTON MULTIPLE TIMES
   TO ADVANCE MULTIPLE CHAPTERS FORWARD OR BACKWARD.

4.5 Select Chapter/Track with Number Buttons

1. In the state of VCD disc playing, press PBC button on the IR remote
    controller to turn PBC function ON/OFF:

1).When it is in the state of PBC ON and display the PBC menu on the TV
   screen if the disc include PBC menu, press one(s) of NUMBER buttons
   to select the track/chapter to playback; During playing, the NUMBER
   buttons are not available.
2).When it is in the state of PBC OFF, press one(s) of the NUMBER buttons
   to select the chapter/track to playback.
*   To select one track of the 1st-9th tracks to play, should input 0 number
    firstly, then input the serial number.

2. In the state of DVD disc playing, during playback, press one(s) of the
    NUMBER buttons to select the chapter/track to playback.
*   To select one track of the 1st-9th tracks to play, should input 0 number
    firstly, then input the serial number.

3. In the state of CD/MP3/WMA disc playing, press the NUMBER buttons
    to select the chapter/track to playback.

4.6 Select Chapter/Track with Root/PBC Menu (If the disc includes the
     root/PBC menu)

1. In the state of DVD disc playing
1) press TITLE button on the IR remote control to play the title and then
   root menu or press MENU button to directly display root menu on the TV
   screen.
2) Press JOG button on the IR remote control to select your desired chapter
   /track or other icon.
3) Press ENTER or PLAY/PAUSE button to play the selected chapter/track; or
   to display the sub-menu on the TV screen, then press JOG button to select
   your desired chapter/track or other icon, then press ENTER or PLAY/PAUSE
   button to play the selected chapter/track.

2. In the state of CD disc playing
   The TITLE, PBC, MENU, RETURN, JOG and ENTER buttons are disabled.

3.In the state of VCD disc playing, press PBC button to turn PBC on or off.
1) When starting to turn on PBC function, it will play from the beginning of disc
   till it display PBC menu on TV screen if the disc include PBC menu. You also
   can press RETURN button to display PBC menu.
   Then press one(s) of the NUMBER buttons to select track/chapter to play.
2) When starting to turn off PBC function, it will also play from the beginning
   of disc, but it can not show the PBC menu.

4.In the state of MP3/WMA disc playing:
   During playing, the root menu is displayed on TV all the time(and the TITLE
   or MENU button is not available), press the UP/DN button to select your
   desired track, then press the ENTER button to play the selected track.

4.7 Terminate Playback

1. Press OPEN button to flip down the front panel, then press EJECT button
   to eject disc from disc compartment and then take away the disc.

2. press the POWER button on the IR remote control or the front panel of the
   DVD player to turn off the DVD player.

   NOTE:
1) In the state of DVD/VCD disc playing, if the POWER button or the ignition
   is shut off and then turn on the power or the ignition, the DVD player will
   resume play at the exact spot where playback was interrupted.
2) In the state of CD/MP3/WMA disc playing, if the POWER button or the
   ignition is shut off and then turn on the power or the ignition, the DVD
   player will playback from the beginning of the track played before power off.

5.   Advanced Disc USB MMC/SD Operation

5.1 Playback with Speed

   Press the F.FWE/NEXT or F.BWD/PREV. button long continuously on
   the IR remote control or the >>| or |<< button long continuously on
   the front panel during normal playback to fast play forwards or back-
   wards at the speeds such as 2X, 4X, 8X,16X,32X.
   During speed playback, press PLAY/PAUSE button to resume normal
   playback.

5.2 Playback with Slow Speed

   Press SLOW FWD button during playback to execute the Slow Forward
   function. With each consecutive press the SLOW FWD button, the play-
   back speed decreases. The speed levels in Slow Forward for each func-
   tion mode as follows:
   DVD/VCD:1/2X, 1/4X, 1/8X, 1/16X, normal.
   CD/MP3/WMA: not available.
   During slow playback, press PLAY/PAUSE button to resume normal
   playback.

5.3 Playback with still frame

   If the unit is currently running DVD/VCD/SVCD disc, press STEP button to
   enable the unit to enter still frame mode. press STEP button consecutively
   to display the still frame forward step by step. Press PLAY/PAUSE button
   to resume normal playback.

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