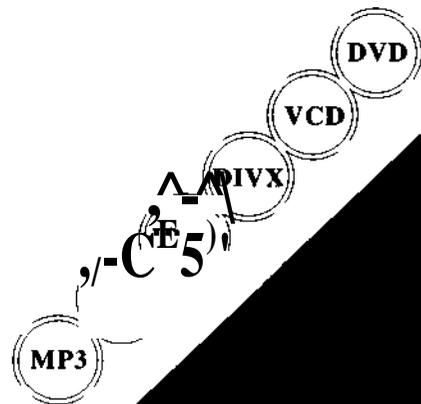
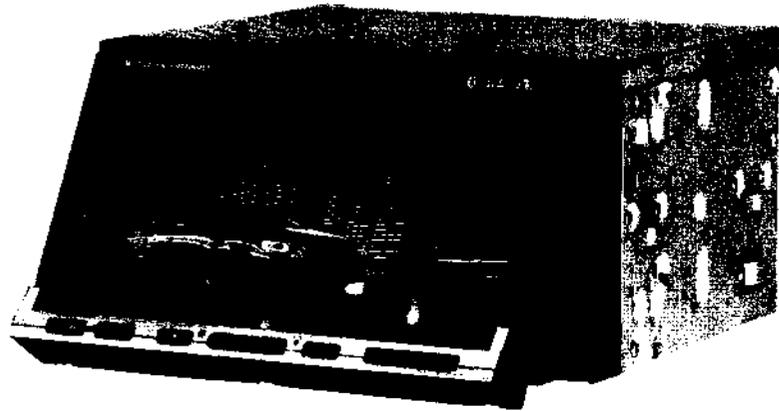


Car DVD player INSTRUCTIONS



Thank you for purchasing the product»

Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

IMPORTANT FOR LASER PRODUCTS

1. CLASS 1 LASER PRODUCT

2. CAUTION: Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
3. CAUTION: Visible and invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.

For safety...

- Do not raise the volume level too much, as this will block outside sounds, making driving dangerous.
- Stop the car before performing any complicated operations.

Temperature inside the car...

- If you have parked the car for a long time in hot or cold weather, wait until the temperature in the car becomes normal before operating the unit

WARNINGS: To prevent accidents and damage.

- DO NOT install any unit in locations where;
 - It may obstruct the steering wheel and gearshift lever operations.
 - It may obstruct the operation of safety devices such as air bags.
 - It may obstruct visibility.
- DO NOT operate the unit while driving.
 - If you need to operate the unit while driving, be sure to look ahead carefully.
- The driver must not watch the monitor while driving.

Cautions on the monitor:

- The monitor built in this receiver has been produced with high precision, but it may have some ineffective dots. This is inevitable and is not malfunction.
- Do not expose the monitor to direct sunlight.
- Do not touch the surface of the liquid crystal panel directly.
- When the temperature is very cold or very hot...
 - Chemical changes occur inside, causing malfunction.
 - Pictures may not appear clearly or may move slowly. Pictures may not be synchronized with the sound or picture quality may decline in such environments.

- Supported MPEG4/DVD/DVD+RW/DVD-RW/DVD + R/DVD-R/SVCD/V
DVCD/CD/CD-R/HDCD/MP3/WMA/CD-G.

Disc types	Symbol	Contents
DVD		Audio + Video
AC-3		Dolby Digital Audio
SVCD/CVD		Audio + Video
MP3		Audio
Video-CD DVCD/DVCDi		Audio + Video
CD-DA		Audio
MPEG-4		Audio + Video

- a** DO NOT ATTEMPT TO MODIFY THE UNIT, MODIFYING THE UNIT MAY CAUSE AN ACCIDENT.
- a** STOP THE VEHICLE BEFORE CARRYING OUT ANY OPERATION THAT COULD INTERFERE WITH YOUR DRIVING.
- a** DO NOT TURN ON THE UNIT IF THE TEMPERATURE INSIDE THE VEHICLE IS OUT OF -20C TO 60C.
- a** THIS PRODUCT IS DESIGNED FOR ONE SINGLE VIDEO OUTPUT, PLEASE USE A SPLITTER IF YOU WOULD LIKE TO CONNECT FOR MULTIPLE VIDEO OUTPUT.
- a** TO ENJOY OPTIMUM SOUND AND VISION WHILE PLAYING, HANDLE THE DISC AS FOLLOW:



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



Do not use your CDs with paste residue or ink attached.

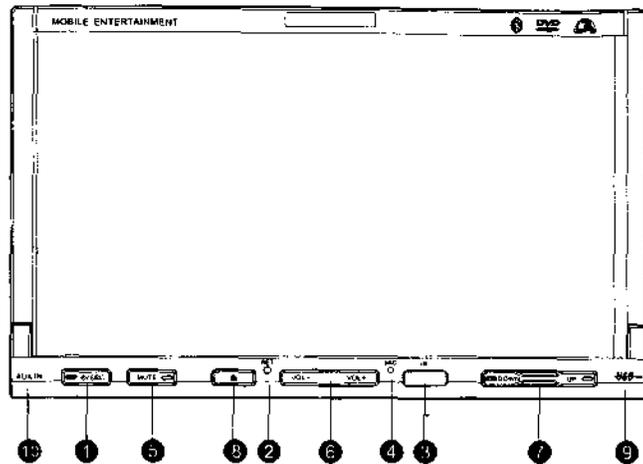


Do not use CDs with labels or stickers attached, which may leave a sticky residue while beginning to peel off.



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

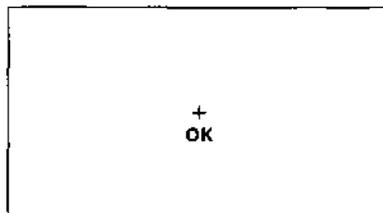
* This feature is optional, please refer to unit. Under compressed motion pictures (DIVX/MPEG4), file names under extension AVI can be played back.



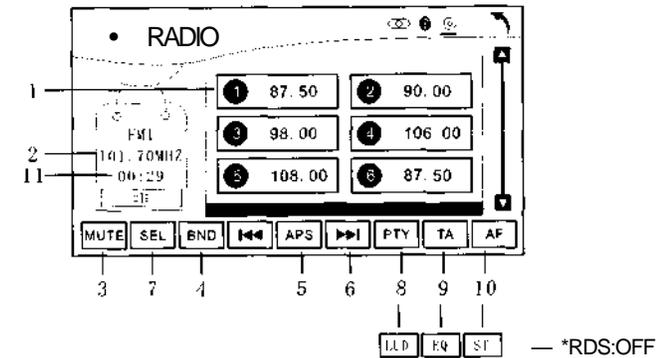
1. POWER Turn on the power; Turn off the power [Hold].
2. RESET Reset the unit. (Use only when the internal system malfunctions)
3. REM Remote sensor.
4. MIC
5. MUTE press the button to close the volume output and press again to renew the volume electrical level
6. VOL-/VOL+ Adjust the volume.
7. DOWN/UP Change the monitor panel angle.
8. A Open and close the monitor panel. (When the monitor panel is open, you can insert a disc and an SDcard).
9. USB
10. AUXIN

Touch panel revise

if the screen touching is invalid when the machine was tured-on,please turn-off the maching. press the button"mute"and then there appear"+"until it to the ok situation to finish the auto-revise.please repeat the foregoing operation if it does not work.

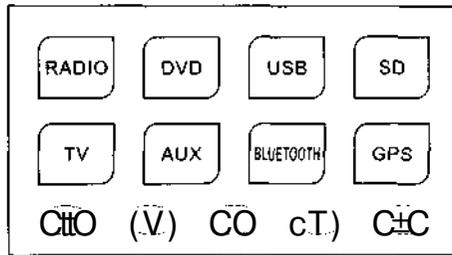


listen the radio



1. pre-set number indicate indicate the chosen pre-set broadcast station long-press to memory.
2. indicate the current wave brand and frequency.
3. press the button to close the volume output and press again to revise the volume electrical level
4. wave brand choose as the following FM1 ,FM2,FM3,AM1 ,AM2.
5. press the APS button for 3 seconds to enable the auto searching station of the radio receiver and it has the function of automatie storage of the searched seaction
6. press this button to manul searching tune ,stop at the frequency you need and choose the station ordinal you want to storage in,then hold the button for 3 seconds and the frequence will be stored in the indicated place.
7. press this button repently to choose BAS/TRE/BAL/FAD
8. this function can enhance the duo cone and make a proper compensation according to the charateristic that ear are hypacusia againsthe duo cone under the weak elecercial level LOUDON display and press again to display loud OFF.
9. press the button to choose ROCK POP CLASS mode fo as to adjust the timbre.
10. press this button to receive ST or MONO.
11. system current time,actual operation refer to the routine setup.

Source choice interface press the left-hand upper RADIO button to get the following display picture



Routine Setting (According to the tool function of chartz)

GENERAL SETUP	
1	CLOCK SET H + 00 - M + 00 -
2	RDS MODE RDS: 08 ON OFF
3	CAMERA NORMAL MIRROR
4	RADIO FREQ
5	OSD LANG E ENGLISH

- 1, CLOCK SET: H means hour M means minute and
- 2, RDS MODE: Choose open or close RDS.
- 3, CAMERA
- 4, RADIO Freq: Choose the frequency of the tuner
- 5, LANGUAGE: Chinese or English screen optional

0. Under DVD Condition (Press the SETUP button in the remote control to enter the DVD setting)

1, SYSTEM SETUP

• TV SYSTEM:

NTSC: Choose this settings if your DVD player is connected to a NTSC.

PAL: Choose this settings if your DVD player is connected to a PAL.

AUTO: Choose this settings if your DVD player is connected to a multi-system.

• VIDEO:

INTERLACE-YUV: Choose this setting if your DVD player is connected to a TV with Y, Cb, Cr video cables or S-Video cable or composite video cables

TV-RGB Choose this setting if your DVD player is connected to a TV with R,G,B monitor

P-SCAN YPbPr: Choose this setting if your DVD player is connected to a progressive scan monitor with Y, Pb, Pr video cables.

S-VIDEO Use a S-Video cable to connect the S-Video output of this unit to the S-video input of a monitor.

• TV TYPE:

4:3PS(Pan & Scan): Choosing this setting if your DVD player is connected to a normal ratio monitor. You can fill the movie to the entire screen of your monitor. This might mean that parts of the picture (the left and right edges) won't be seen.

4:3LB (Letter Box): Choosing this setting if your DVD player is connected to a normal ratio monitor, connector You'll see the movies in their original aspect ratio (height-to-width ratio). You'll see the entire frame of the movie, but it will take up a smaller portion of the screen vertically. The movie might appear with black bars at the top and bottom of the screen.

16:9(Wide Screen): Choose this setting if your DVD player is connected to a wide screen monitor. If you choose this setting and you don't have a wide screen monitor, the images on the screen may appear distorted due to vertical compression.

• PASSWORD:

The password option is initialized locked, and you cannot set the ratings limit or change the password. In order for the Ratings feature work, the password mode must be turned on. If you want to set the rating's limit, you will need to enter the default password, which is 0000, then press Enter to confirm. To change the password, you will be prompted for the old password, then be prompted for a new. Enter a 4-digit number (this is your password).

• RATING:

The Rating feature is a rating limit system, like movie ratings. It works with DVD discs that have been assigned a rating. This helps you control the types of DVDs that your family watches.

There are two rating options: NO ADULT and KID SAFE.

Select the VIEW ALL option to cancel the rating limit.

The default setting is VIEW ALL.

• DEFAULT:

Choose this option to resume all the setup options to default settings.

• EXIT SETUP

2, Language setting Page

• OSD LANGUAGE:

press the Arrow buttons to choose the OSD language you prefer. Press Enter to confirm,

• AUDIO LANG:

press the Arrow buttons to choose the audio language you prefer. Press Enter to confirm.

• SUBTITLE LANG:

press the Arrow buttons to choose the subtitle language you prefer. Press Enter to confirm

• MENU LANG:

press the Arrow buttons to choose the menu language you prefer. Press Enter to confirm.

• DIVX LANG:

press the Arrow buttons to choose the DIVX language you prefer. Press Enter to confirm.

3. AUDIO SETUP:

• AUDIO OUT:

SPDIF/Close:coax/optical fibre input port No signal out put

SPDIF/RAW: Choose this setting if your DVD player is connected to a power amplifier with a coaxial cable or an optical cable; When playing a disc recorded with Dolby Digital, DTS and MPEG audio formats, the corresponding digital signals will be output from the Coaxial Output jack or Optical Output jack.

SPDIF/PCM: Choose this setting if your DVD player is connected to a 2-channel digital stereo amplifier; When playing a disc recorded with Dolby Digital and MPEG audio formats, audio signals will be modulated into a 2-channel PCM signal, and it will be output from the Coaxial Output jack or Optical Output jack.

• KEY:

Use the Up and Down arrow button to move the scroll and adjust the key.

4. VIDEO SETUP:

• BRIGHTNESS:

Use the Up and Down arrow button to move the scroll and adjust-the brightness.

• CONTRAST:

Use the Up and Down arrow button to move the scroll and adjust the contrast.

• HUE:

Use the Up and Down arrow button to move the scroll and adjust the hue.

• SATURATION:

Use the Up and Down arrow button to move the scroll and adjust the saturation.

• SHARPNESS:

Use the Up and Down arrow button to move the scroll and adjust the sharpness.

5. SPEAKER SETUP:

• DOWNMIX

LT/RT: Choose this setting, it will be sound like in a movie theatre if the original movie the disc was recorded from was encoded in the Pro Logic Dolby Digital format.

STEREO: Choose this setting, when 5.1-channel sound playing, two channels of signals will be output from the left and right soundtrack; when 2-channel sound playing, stereo signal will be output.

VSS: Choose this setting, when a disc recorded with 5.1-channel sound format playing, the fictitious surround soundtracks effect will be heard from the main soundtrack.

6. DIGITAL SETUP:

• OP MODE

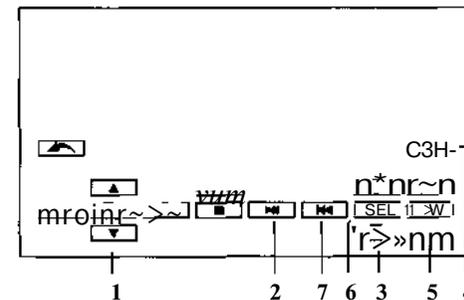
LINE OUT: Choose this setting to line out the input signal. It will be more suitable for playing in the night time, for the output volume is low.

RF REMOD: It will be more suitable to choose this setting for playing in the daytime, for the output volume is high.

• DYNAMIO RANGE: When LINE OUT is selected, choose this setting to adjust the line out ratio and get different effect. If adjusting to FULL, the audio signal peak value will be the minimum; while adjusting to OFF, maximum.

• DUAL MONO(LEFT + RIGHT): Choose this option to setup the L and R mono output mode; There are four modes in this option: STEREO, MONO L, MONO R, and MIX MONO; It is mainly used in karaoke mode.

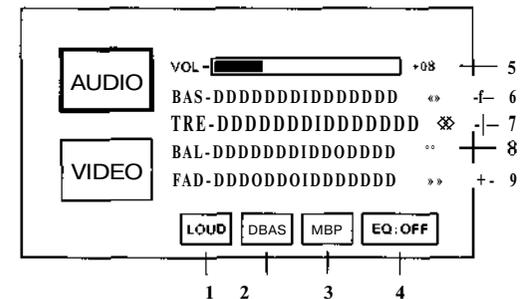
III., DVD/CD OPETATION



Hit the middle of the screen during the DVD/CD playing to get the upper chart.

- 1,UP DOWN LEFT RIGHT and CONFIRM key.Press it to move cursor from up down left and right position to choose the item of the system setup mene.
- 2,Press this button to switch between play and pause.Press this button to play under the stop status.
- 3, Forward and backward quick searching.
- 4,Press to exit or insert the disc.
- 5.Press the button to setup the different view position.
- 6.Press the button to enter the setup interface of sound effects and video.
- 7.Choose the fore chapter and the next chapter.

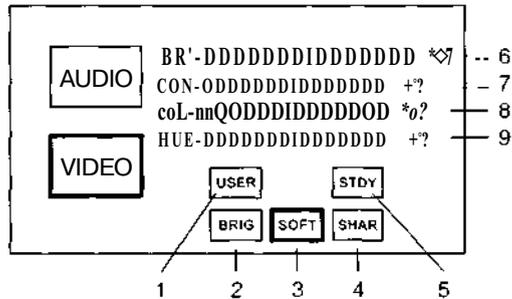
AUDIO Setup



1. This function can enhance the duo cone and make a proper compensation aiming at the Characteristic that ear has amblyacousia against duo cone under the weak electrical level At this time LOUND ON will be displayed and LOUND OFF function will be displayed if you pree the button again.
- 2.Can enhance the woof
- 3.This function has the MBP/MBPL/MBPR mode to adjust the alt and woof.
- 4.Press to choose ROCK.POP.CLASS mode to adjust the timbre.

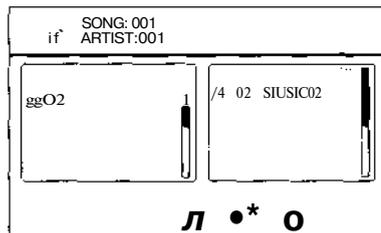
- 5.press the left"—"to lower the volume,and press the right number to enhance it
- 6.press the left"—"to lower the woof,and press the right number to enhance it
- 7.press the left"—"to lower the treble,and press the right number to enhance it
- 8.press the left"—"to lower the right channel volume and press the right number to lower the left channel volume.
- 9.press the left"—"to lower the post positional volume and press the right number to lower the positional volume.

VIDEO Setup



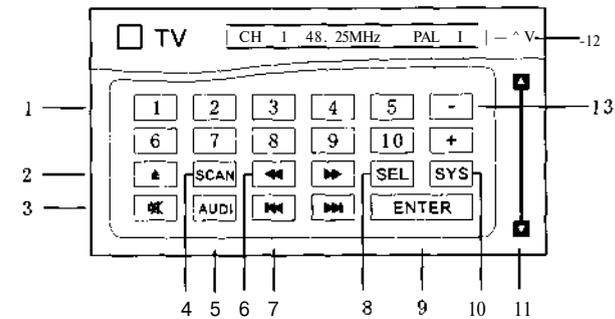
- | | | |
|---------|---------|---------|
| 1, USER | | |
| 2, BRIG | 3, SOFT | 4, SHAR |
| 5, STDY | 6, BRI | 7, CON |
| 8, COL | 9, HUE | |

Operation of mps playing and picture browse



Afear inserting the disk/sd card/usb,system will check the file automati the music files will be auto play for prior.

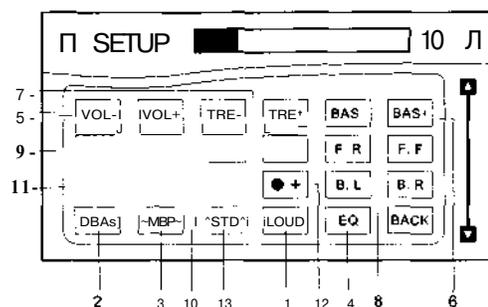
6_N TV



switch go the TV mode.touch the panel to appear the upper chart.

- 1.indicate the preset seation.and long-press to memery them.
- 2.press to exit or insert the disk.
- 3.press to close the volume output and press anain to revise it.
- 4.Auto-searching station
- 5.Car switch amory DAL/DK/BG.under PAL system and can switch amory SECAM/BG/L under SECAM system.
- 6.forward and backward quick searching of the seation frequency.
- 7.choose the fore -preset station and next presel seation
- 8.repeatedly press this button to choose the mode of the setup choice of the audio charateristic you need.
- 9.choose the pre-set station and press this button to enter the program picture.
- 10.switch
- 11 .press the button to setup the different view position.
- 12.the frequency and of the playing TV.
- 13.tum the page to the preset number.

Setup Menu



1. This function can enhance the duo cone and make a proper compensation according to the characteristic that ears are hypacusia against duo cone under the weak electrical level. LOUD ON displayed at this time and press again to display LOUD OFF.

2. This function can enhance the woof.

3. This function can adjust the duo cone to the best status.

4. Press this button to choose ROCK.POP.CLASS mode to adjust the timbre.

5. Press the left "-" to lower the volume, and press the right number to enhance it.

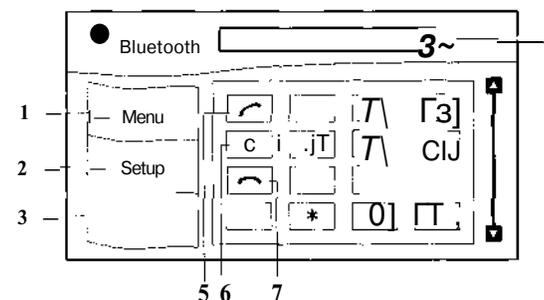
6. Press the left "-" to lower the woof, and press the right number to enhance it.

7. Press the left "-" to lower the treble, and press the right number to enhance it.

8. Press the left "-" to lower the right channel volume and press the right number to lower the left channel volume.
 press the left "-" to lower the post positional volume and press the right number to lower the positional volume.

9. BRI 10. CON 11. COL
 12. SHAR 13. STDY

Bluetooth



1. Setup menu

2. Setup

3. Turn back to the main interface from the Bluetooth interface

4. The display window displays the dialed and incoming number and displays "OK LINK" when the Bluetooth was successfully connected and it will display "NO LINK" when the Bluetooth failed to connect.

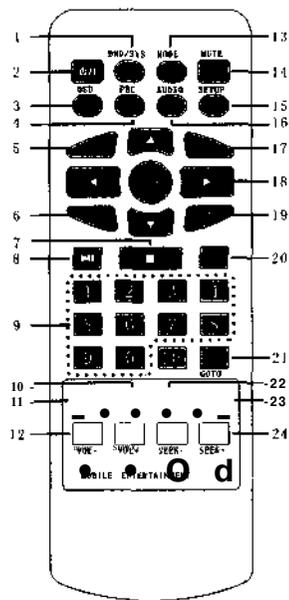
5. Dial or listen to the calling

6. Delete the wrong number

7. Ring off or reject the incoming calling

Operation process

First, open the Bluetooth function of the phone and then search for the new paired equipment. Finding the "CAR KIT" Bluetooth type of the car DVD to re-pair, and then there appears the password of the CAR KIT with the initial number "0000". Input the number to finish the pairing. You can dial or receive the phone on the Bluetooth interface.



Basic operations-Remote controller

Installing the lithium coin battery (O2025)

Before using the remote controller:

- Aim the remote controller directly at the remote sensor on the unit.
- DO NOT expose the remote sensor to bright light (direct sunlight or artificial lighting).

Warning: To prevent accidents and damage

- Do not install any battery other than CR2025 or its equivalent
- Store the battery in a place where children cannot reach.
- Do not recharge, short, disassemble, or heat the battery or dispose of it in a fire.
- Do not poke the battery with tweezers or similar tools.
- Wrap the battery with tape and insulate when throwing away or saving it.

- | | |
|---------------|------------------------------|
| 1. BAND/SYS | 13. MODE |
| 2. POWER | 14. MUTE |
| 3.OSD | 15. SETUP |
| 4. PBC | 16. AUDIO |
| 5. TITLE | 17. SUBTITLE |
| 6. ANGLE | 18. UP/DOWN/LEFT/RIGHT/ENTER |
| 7. Stop | 19. ZOOM |
| 8. Play/Pause | 20. SLOW |
| 9.)0-10+(| 21. GOTO |
| 10. ST/PROG | 22. LOC/RDM |
| 11. AMS/RPT | 23. SEL |
| 12. VOL-/VOL+ | 24. IJ |

BASIC USAGE

1. Under radio condition, press this button to choose wave brand and under VCD.DVD condition press this button to choose AUTO PAL or NTSC system.
2. POWER press POWER button, the machine will be power-off; Press again, the machine will be power-on
3. OSD Press the OSD button, the relative information of the disc will be displayed on the monitor. Type of Disc, title, chapter, play time, remaining time, played time, remaining time of the disk
4. PBC When playing DVD disc, press MENU once to return to sub-menu. Press MENU again to return to the main menu. (for some remote controller without PBC button, it works as PBC when playing VCD)
5. TITLE When playing DVD disc, press TITLE to return the main title page.
6. ANGLE When playing the disc with multi-angle, it's convenient to change the view angle.
7. S When playing DVD, VCD, CD disc, press STOP once, the unit will memorize the previous ending point. Press PLAY button to go on the play. Press STOP for the second time to stop the play and end the memory.
8. K When playing the disc, press PLAY/PAUSE once to pause, press PLAY/PAUSE again to return to normal play.; Press this button to AUTO-browse picture under the condition of playing picture.
9. (0-10+) When playing VCD, CD disc, after loading the disc, use the digit key to select the desired track or chapter directly. Press 10+ key and then another digit key to select the track which number is 10 or more than 10. You can press the digit keys at PROGRAM and MENU selection.
10. press this button to choose the stereo or monophonic station under the radio mode, you can edit the content you like in the programming mode under the DVD/CD playing status.
11. press this button to browse the station under the radio status and repeat play under the play back status.
12. VOL-/VOL+ Press VOLUME + to adjust volume up, Press VOLUME - to adjust volume down.
13. Press the button to choose the source you need in turn of TUNER -> DISC(DVD/VCD/CD) -> AUX -> TV -> GPS •SD=CD-CH₀
14. MUTE Press MUTE button, no sound will give out and the mute symbol will display on the monitor. Press MUTE again, MUTE OFF will display and the sound will be resumed.
15. Press this button to switch among different setting item under the playback mode.

-
16. AUDIO When playing DVD with more than one audio stream, press AUDIO to select you desired. . .
 17. SUBTITLE When playing the disc with multi-subtitle, press SUBTITLE continually, the subtitle changes in a circle, you can select one.
 18. UP DOWN LEFT RIGHT AND ENTER KEY. This button can move the cursor from up down left and right position to choose the item of the system setup menu. You can press left and right key to switch the music.picture and film of the SD card and USB when playing.
 19. ZOOM When playing DVD, VCD disc, Picture press ZOOM to zoom in or zoom out the picture.
In zoom in mode, press up/down/left/right to move the picture for viewing. The picture can not be moved in zoom out mode.
 20. Press this button to turn slowly into 1 /2 times, 1 /3 times, 1 /4 times, 1/5 times, 1/6times and 1/7 times.
 21. GOTO Press GOTO button to select title time, chapter time, track time to play. You can use the digit keys input the goto time. And then press ENTER to start the playing
 22. Press this button to switch between remoto and short-distanle under the radio status and random plqy wnder the VCD and DVD playing status
 23. Press this button to choose the mode of setup choile of the audio characteristic
 24. IJ When playing DVD disc, press PREV/NEXT to the previous chapter.
When playing VCD, CD disc, press PREV/NEXT to the previous track.

WIRING DIAGRAM

GROUND: To metallic body or chassis of the car
+B: To a live terminal in the fuse block connecting to the car battery
(by passing the ignition switch)
ACC: To an accessory terminal in the fuse block
ILLUMINATION: To car light control switch
REMOTE: To the remote lead of other equipment
PAKING BRAKE: To parking brake of the car
AUTOMATIC ANTENNA: To automatic antenna if any
TEL MUTING: To cellular phone system
SPEAKER RL+: SPEAKER cord(Rear left+)
SPEAKER RL-: SPEAKER cord(Rear left-)
SPEAKER RR+: SPEAKER cord(Rear right+)
SPEAKER RR-: SPEAKER cord(Rear right-)
SPEAKER FL+: SPEAKER cord(Front left+)
SPEAKER FL-: SPEAKER cord(Front left-)
SPEAKER FR+: SPEAKER cord(Front right+)
SPEAKER FR-: SPEAKER cord(Front right-)
USB: USB Port
ANTENNA: Tuner antenna
GPS LINK: GPS Port
AUDIO OUT(L): Connecting the Audio cord out
AUDIO OUT(R): Connecting the Audio cord out
AUDIO IN(L): Connecting the Audio cord in
AUDIO IN(R): Connecting the Audio cord in
CAMERA In: Connecting the rear view camera
VIDEO In: Connecting the video in
VIDEO OUT: Connecting the video out
REVERSE GEAR SIGNAL: To reverse lamp
ANTENNA SIGNAL: TV singal
ANTENNA POWER: TV power

Specifications:

Power Output: 50W x4 4 ohm
 Signal-to-Noise Ratio: 70dB
 Frequency Response: 20Hz to 20kHz, -3dB

DVD/CD Player

Compatibilityformat: DVD-R, DVD-RW, DVD+R, DVD+RW
 CD-R, CD-RW, CD-DA, MP3, WMA, HDCD, SVCD, VCD
 MPEG, JPEG, MP3/WMA

SNR: 85dB

Dynamie scope: >95dB

Frequency Response: 20Hz to 20kHz, -3dB

Strip width: >60dB@1kHz

Digital andiosample24-bit, 192kHz

Electronit shock protelction(ESP):

DVD: 2-3»; CD-DA: 10s; MP3: 100s; WMA: 200s

Meehaniealanti-vidration: 10~200Hz, XYZ LOG

Video

System: NTSC, PAL(AUTO)

Output: 1Yp-p(75BII)

Input: 1Vp-p(75@;*i)

FM

Frequency Range: 87.5MHz-108MHz

Sensitivity(-30dB): 10dBu

SNR(-50dB): 15dBu

@1kHz: 58dB

Imaye: 60dB

Frequency Range: 30Hz-15kHz, -3dB

Am Tuner

Frequency Range: 531kHz-1629kHz

SNR@1kHz: 50dB

Frequency response: 50Hz-2kHz, -3dB

SIMPLE TROUBLE SHOOTING GUIDIE

	Symptoms	Remedies/Causes
General	No sound comes out of the speaker.	Set the volume at the proper level Check the lead and line correct
	The monitor is not clear and legible for watching the playback picture.	Sunshine from the windshield may cause this symptom. Adjust Bright and Contrast of Screen Control.
	The unit does not work at all.	Reset the unit
	Remote contid does not work	Change the battery
	Automatic presetting does not work.	Store stations manually.
	Screen touch invalid	Press "MUTE"to revise on the shutdown status
FM/AM	Static noise while listening to the radio.	Connect the antenna firmly.
Disc playback	Sound and pictures are sometimes interrupted or distorted.	Stop playback while driving on rough roads. Change the disc.
	No playback picture appears on the monitor.	Parking brake wire is not connected properly.
		Change the disc Cheek the lead and line connect
MP3/WMA/WAV	Disc cannot be played back.	Change the disc.
		Record the tracks using a compliant application in the appropriate discs
		Add appropriate extension codes to the file names.
	Noise is generated.	The track played back is not a playbale file format. Skip to another file.
	Tracks cannot playback as you have intended them to play.	Playback order may differs from the one played back using other players.
Elapsed playing time is not correct.	This sometimes occurs during playback. This is caused by how the tracks are recorded.	
SDCARD	Noise is generated.	The track played back is not a playbale file format. Skip to another file.
	Tracks cannot playback as you have intended them to play.	Playback order may differs from the one played back using other players.