

Car DVD Player

FM/AM MULTIMEDIA PLAYER



OPERATION MANUAL

Dear customer ,

Thanks for your purchase!Please read this manual carefully, and keep it for future reference.

FCC Statement:

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

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

Note: The manufacturer is not responsible for ANY interference, for example RADIO or TV interference, caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Warning 

The disk must be clean. Please clean it if having dust.
The disk must be cleaned by soft cloth, then put the disk
into the device. Otherwise, the dust will be taken into
the machine and it effects the machine to insert and eject
slowly or not insert and eject.

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Notes on installation

The unit is designed for 12-14vdc,negative ground operation system only. Before installing the unit ,make sure your vehicles is connected to 12v-14v dc negative grounded electrical system.

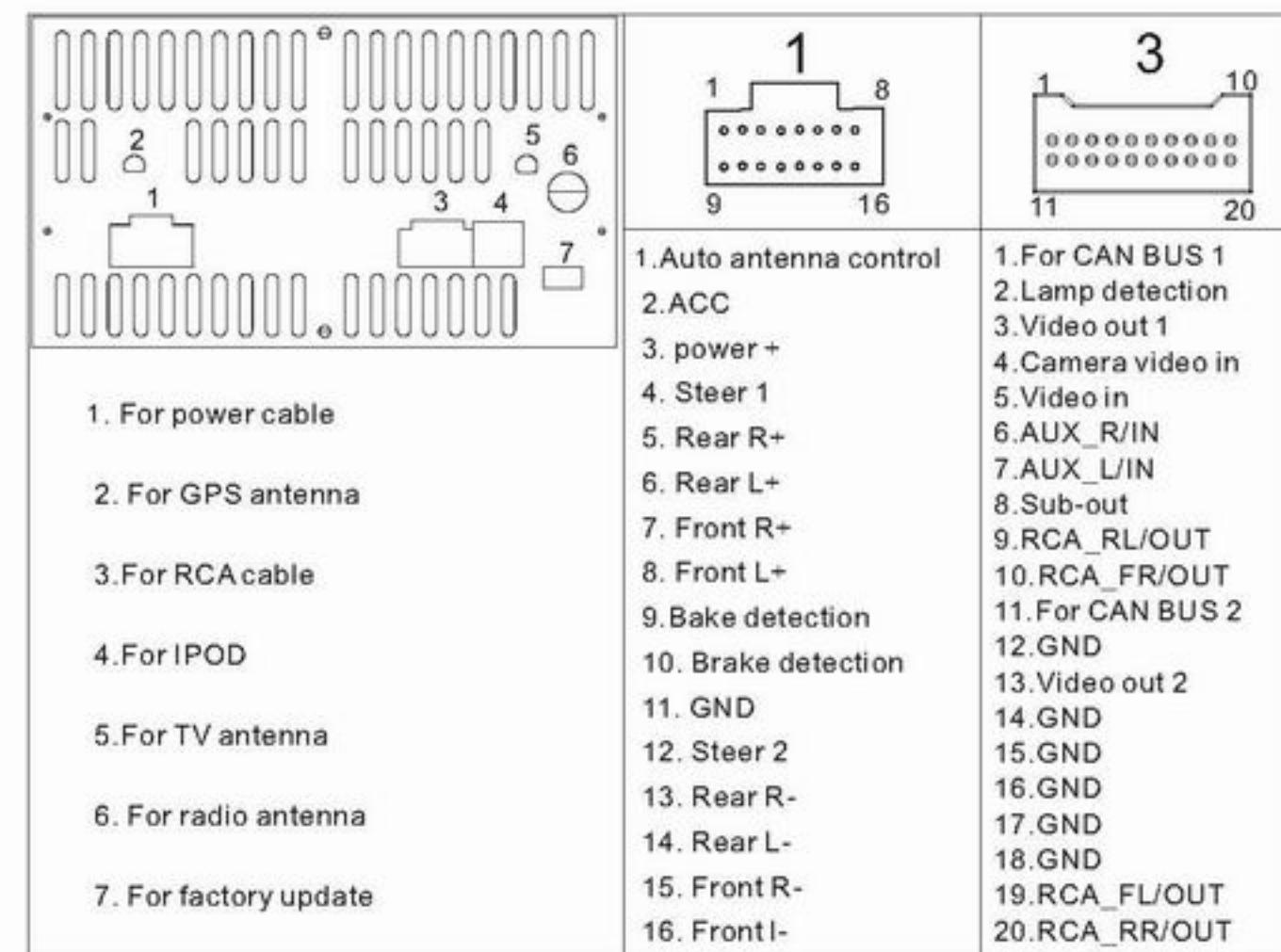
The negative battery terminal must be disconnected before making connections, which can reduce damaging to the unit due to short circuit.

Be sure to connect the color coded leads correctly according to the diagram. Incorrect connections may cause the unit malfunction or damage the vehicle's electrical system.

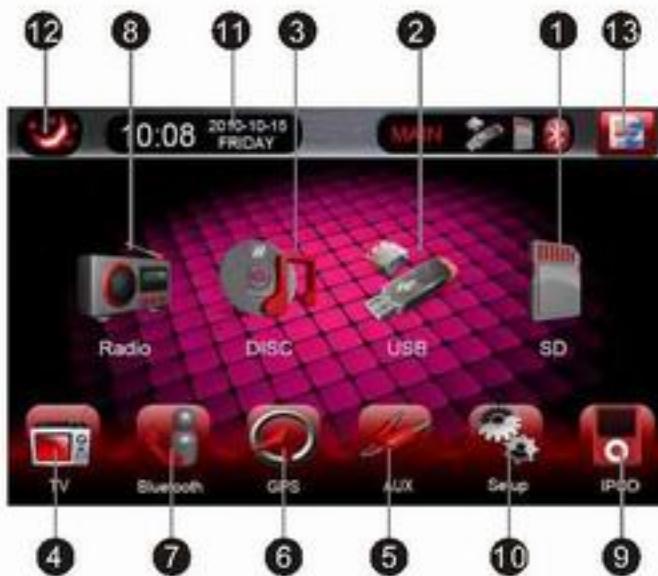
Be sure to connect the speaker(-) leads to the speaker(-) terminal .never connect The left and right channel speaker cables each other or to the vehicle body .Do not block vents or radiator panels. blocking them will cause heat to build up inside any may result in fire.

After the completion of the installation and begin to operate the unit (including replacing the battery),please press the reset button (1) on the front panel with pointed objects(such as ball pen) to set the unit to initial status.

TWO DIN Connection Guide



Main menu



1.SD/MMC	8.radio
2.USB	9.IPOD
3.DVD	10.normal setting
4.TV	11.time display
5.AUX IN	12.off-screen button
6.GPS navigation	13.switch the background image
7.Bluetooth	

Enter into the mode

- Touch ① - ⑩ number icons button, can separately enter into the mode .

Off-screen button

- Click ⑫ the button to turn off the display screen shows, click again to open the display screen.

Switch the background image

- Click ⑬ can automatically switch the main screen background.

General setting



1, General setting	8. music navigation setting
2, display setting	9. backlight mode
3, audio setting	10. rear view image setting
4, time setting	11. handbrake test setting
5, version information	12, steering wheel setting
6, Language	13, touch screen adjustment
7, Key sound setting	14, main menu button

General setting

- Press ① normal setting button, can set up: language, key sound, music navigation, DISP-M Rear view image setting, handbrake test, steering wheel setting, touch screen adjustment.

Display setting:

- Press ② can set up the display mode, chroma. Brightness, contrast.

Voice setting

- Press ③, can set up the sound effect mode, loud,treble, bass, and the car's four speakers balancing.

Time setting

- Press ④, time setting, can set up time and Date.

Back to main menu

- Press ⑯ [] icon, back to main menu

BASIC OPERATION

Common setting

- 1, Language
- 2, key sound
- 3, music navigation
- 4, DISP-M
- 5, rear camera image
- 6, steering wheel setting
- 7, touch screen adjustment
- 8, handbrake test setting



- Touch 1, Language button, can set the menu display language Chinese or English.
- Touch 2, key sound button, can set the key sound on or off.
- Touch 3, music navigation, can set up the music or video is on or off when navigation.
- Touch 4, backlight mode, can choose Day or night mode.
- Touch 5, rear view image, can set up the rear view image on or off.
- Touch 6, steering wheel setting, can set up the steering wheel, details please check the steering wheel setting guide.
- Touch 7, touch screen adjustment.
- Touch 8, handbrake test setting can set up the handbrake on or off.

Steering wheel setting

If your car with the steering wheel control function, please operate as follows :

- 1, under the power off condition, choose the steeringwheel cables(some cars with 3 cables, some with two cables) find the ground wire Find the ground wire in your car, (Attention: some cars have 3 wires, some cars have 2 wires), then connect it with the ground wire of CAR DVD's 3 steering wheel wires ,if your car has 3 steering wheel wires, then connect the two steering wheel wires with CAR DVD'S two button wires; If your car has 2 steering wheel wires, then connect the rest wires with one of the CAR DVD's two button wires.
- 2, Make sure the wires' connection are correct, turn on CAR DVD, press the right top setting button, enter into the menu setting
- 3, Press the steering wheel setting button, enter into the steering wheel setting menu
- 4, Press the test button, You will see the information bar, display A and B sample data, steering wheel's initial data
- 5, Press the cancel button, clear all the button, remember, once you enter this menu, and change the settings should clear all the settings, should press this(cancel) button
- 6, Then key enter into press key learning, press the function keys, the information bar show" PLS PRESS KEY", will remind the user press the keys on the steering wheel you need to set, press the key's, the information bar will display the data you entered, that means the main body collect the data, can continue next key's learning, till all finished
- 7, Press "ok" key to save all the key-presses you learnt, and start up the steering wheel function, unless, all the before learned keys will be expired
- 8, If you needn't this when you finished, you can press cancel, and turn off the steering wheel function You can press "cancel" to cancel all the keys you learnt If you don't want to save, then turn off the steering wheel function
- 9, During the learning processing period, some key's data familiar, can cause error code easily, please switch the two key wires, means: the two cable from the car's steering wheel connect to the main body if the steering wheel one cable, then connect the steering wheel key-cable to the DVD's another Key-Cable, back to the first step, learn again
- 10, the car's steering wheel maybe only have several keys, you can definite by yourself. Make the steering wheel key functions correspond with the menu's key function, and finish the learning, If the steering wheel without, Please ignore it, for it won't affect the normal operation, you only need to learn the keys that the steering wheel have
- 11, after Finishing, you can also enter into menu setting, press cancel button, turn off the steering wheel function, if you want to use this function again, back to the first step.

BASIC OPERATION

Display setup

- Press the display mode of right picture shows which has four kinds of mode to select:
 - Customize → Standard → Bright → soft
- Press the right picture shows "color" "contrast" "brightness" to adjust the color, contrast and brightness of display screen at will separately.



Voice setup

- Press "EQ mode" button as right picture shows which has five kinds of mode to adjust:
 - Standard → Rock → Popular → Jazz → Classical
- Press "loudness" button as right picture shows to choose "turn on" or "turn off" the loudness.
- Press the left or right button of "treble" and "bass" you can adjust treble or bass by yourself.
- Press car's up, down, left, right button of right picture which can come to the adjustment to car's front, back, left, right loudspeakers.



Time setup

- Press time adjustment [▲] button and [▼] button to setup time and date.
- Press time adjustment [▶] button to setup the time display is "12H" or "24H".
- Press date adjustment of right picture [◀] button and [▶] button to adjust date's year, month, day.
- After finish the adjustment, press [OK] button and then exit the time setup menu.



Edition information

- Press edition button, it will display the software's edition information.

Radio mode



- 1. Automatically scan radio
- 2. Scan
- 3. Loc
- 4. Single track / stereo switch
- 5. TA (RDS) (optional)
- 6. AF (RDS) (optional)
- 7. PTY (RDS) (optional)
- 8. Volume +
- 9. Volume -
- 10. Manual scan radio +
- 11. Manual scan radio -
- 12. MUTE
- 13. Return to main menu
- 14. General setup
- 15. Status and time display
- 16. Favorite radios

Automatically scan radio:

- Press ① [auto-scan radio] button, the unit will auto-scan radio, and save them into each wave band's 1-6 button.

Scan

- Press ② [browse] button, it auto-scan radio which is per-set in each wave band's 1-6 button. Every radio is displayed for 10 minutes.

Loc:

- Press ③ [LOC] button to setup remote or short-range scan radio mode of unit, if be setup in short-range scan radio mode, the unit just receive local strong signal radio. If be setup in remote mode, it will receive local and remote radios.

Stereo and single track switch:

- Press ④ [ST] button to setup stereo and single track receive radio mode.

RDS (optional function)

- If no RDS, or RDS is closed, ⑤-⑦ are Invalid.
- A.[PTY] press ⑦ to choose your favorite programs style, 2 seconds later it will auto-scan program of the program style you setup.
- B.[TA] after you press ⑤, it will to auto-search RDS display radio.
- C.[AF] AF function is setup to be open while being again. Press ⑤ to close or re-open it. If the current signal is weak, within 50 seconds the unit will auto-search and display strong signal radio of same style.

Volume control

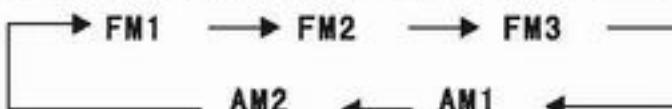
- Press ⑧ [+] and ⑨ [-] button to control the volume to increase and decrease. The volume is Split into 40 grades. If you turn off the unit [or close the ACC lock] when the volume is set below 30, the unit will come to the previous volume when you restart the device; if the volume is set above 30, the unit will restore to default 15 after you restart the unit.

Manual scan:

- Press ⑩ [▶] and ⑪ [◀] to choose different radio channels upward and downward. Long press ⑩ [▶] and ⑪ [◀] the unit will search the channels upward or downward automatically. It stops when a channel is searched.

Band switch:

- Press ⑫ [BAND] to switch the radio band. The switching order is as follows:



Favorite radio channels:

- When the unit receives a favorite channel, you can press one of the buttons in 1-6 key for 2 seconds to save it in this button. Press 1-6 key to play the preset channel. Show as picture ⑯.

Return to main menu:

- Press ⑬ [] to return to the main menu.

General setup:

- Press ⑭ [] and the general setup menu shows up. For details, please refer to the general setup from page 9.

Drop zone of Down models

- Click on a half to recover, and click down into lower

DVD/SD/MMC/USB operations

The unit will enter the DVD mode automatically when you put in a disc. If there is a disc inside the device, you can also enter the DVD mode by pressing DVD icon in the menu status.

Enter / eject disc button.



Enter/eject

- Press 1 [▲] is control the enter or eject of the disc.

Play/pause

- Press 2 [■] to pause, press it again to recover normal play.

Stop:

- Press 3 [■] to stop playing, and press 2 [■] to play again.

Direction keys:

- Press 4 P1 to enter the second page, display P2, press P2 to enter the third page, display P3, Press P3 to enter the first page.

Menu play:

- Press 5 [menu] to enter the menu mode.
[Note: the disc should be the VCD2.0, which supports the menu play or DVD].

Catalog function:

- Press 6 [catalog] to choose various catalog DVD with.

Track function operation

- Press 7 [track] to switch the set of left track, right track, mixed track, stereo, language (which need to be supported by disc) freely.

Reduce and enlarge:

- Press 8 [reduce and enlarge] to reduce or enlarge the display picture by times, you may refer to remote control introduction.

Volume control:

- The volume increase if you press 9 [+] volume button. Press 10 [-] volume button to decrease the play volume.

Repeat play:

- Press 11 [RPT] to set the repeat mode and the repeat sequence is as follow:
→All repeat → single repeat → repeat off

Note: the default mode is "all repeat".

Fast forward / fast backward:

- Press 12 [▶] and 13 [◀] to play fast forward and fast backward. Press 12 [▶] continuously to play fast forward [$\times 2 \times 4 \times 8 \times 20$]. Press 2 [■] directly in fast forward or fast backward to return to the normal play.

Select program setup:

- Press ⑯ [▶] or ⑯ [◀] to choose next or previous.

Return to main menu:

- Press ⑯ [] to return to main menu.

General setup menu:

- Press ⑯ [] and the general setup menu shows up. For details, please refer to the general setup from page 9.

System button:

- Press ⑯ [system] to choose NTSC or PAL system.

Random button:

- Press ⑯ [random] to play programs in DVD random.

DVD setup:

- Press ⑯ [setup] to setup DVD mode.

Title button:

- Press ⑯ [title] to display the title catalog in DVD.

Display button:

- Press ⑯ [display] to display DVD play time and programs.

Scan:

- Press ⑯ [scan] to scan Program in DVD.

Confirm:

- Press ⑯ - ⑯ , up, down, left, right to choose the status you want. Press ⑯ [OK] to confirm.

Speaker status display:

- Press little speaker show as ⑯ [] to become ⑯ [] status show as picture, means mute, press it again to return the voice status.

Click TV icon in the main menu to enter the TV mode (can choose analog TV)

Click TV icon in the main menu to enter the TV mode (can choose analog TV)

TV mode Analog TV

1. TV system setup
2. Automatic scan
3. Previous channel
4. Next channel
5. Volume +
6. Volume -
7. General setup menu
8. Status and time
9. Return to main menu



TV system setup

- Press ⑯ [TV setup] repeatedly to select the correct TV audio/video system. The selection sequence is as follows:



Preset the radio

- Press ⑯ [automatic scan] to scan and save the radio automatically. It can save up to 99 radio channels.

Volume control

- Press ⑯ [+] and ⑯ [-] button to control the volume to increase and decrease. The volume is Split into 40 grades. If you turn off the unit [or close the ACC lock] when the volume is set below 30, the unit will come to the previous volume when you restart the device; if the volume is set above 30, the unit will restore to default 15 after you restart the unit.

Channel selection:

- Press ⑯ [▶] and ⑯ [◀] to select the previous channel and next channel respectively.

TV MODE

Digital TV

- 1. Menu
- 2. Track
- 3. Previous channel
- 4. Next channel
- 5. Volume +
- 6. Volume -
- 7. General setup Manu
- 8. Status and time
- 9. Return to main menu
- 10. Catalog
- 11. Exit button
- 12. Scan radio button



Menu

- Press 1 [menu] to display digital TV menu.

Track

- Press 2 [track] to control digital TV left track and right track.

Volume control

- Press 5 [+] and 6 [-] button to control the volume to increase and decrease. The volume is Split into 40 grades. If you turn off the unit [or close the ACC lock] when the volume is set below 30, the unit will come to the previous volume when you restart the device; if the volume is set above 30, the unit will restore to default 15 after you restart the unit.

Channel selection

- Press 4 [▶] and 3 [◀] to select previous channel and next channel respectively.

Catalog

- Press 10 [catalog] to control digital TV catalog.

Exit

- Press 11 [exit] to exit digital TV interface.

Scan TV

- Press 12 [scan] to scan digital TV channels.

BLUETOOTH MODE

Bluetooth mode Phone dial number

- 1. Dial / receive calls
- 2. Refuse / hang off calls
- 3. Backspacing
- 4. Bluetooth / mobile phone switching key
- 5. Phone dial number
- 6. Phone book
- 7. Music display
- 8. Bluetooth setup
- 9. Number key
- 10. Dialed number display area
- 11. Return to main menu
- 12. Status and time display
- 13. General setup



Bluetooth matching connection:

The Bluetooth function is automatically activated when you turn on the mobile phone. If there is no mobile phone to match the Bluetooth, the color of icon 12 [BT] in 12 status area is grey, where it shows "BT NO LINK".

- Search the matched equipment by the Bluetooth mobile phone when it is matched for the first time. You will fine the Bluetooth device of the mobile phone named , choose "OK", and input the password "0000" to confirm. Your mobile phone shows that matching is successful, then, you can choose "connect" to connect the Bluetooth. The color of the icon 12 [BT] changes from grey to highlight color when the connection is succeed.
- The mobile phone will connect the Bluetooth device automatically next time if it has been matched.

Note: operations of different mobile phones may vary. For details, please refer to the instruction manual of the mobile phone.

Giving / receiving a call

- The phone number you are going to dial is shown in 12 "status and time". You can press 3 [C] to clear if the number is wrong. You can also press 2 [red phone] to dial the number or press 1 [green phone] to hang off.
- The incoming call number is shown in the 12 "status and time" when there is call coming. You can press 1 [green phone] to answer the call, or press 2 [red phone] to refuse.

Return to main menu:

- Press 11 [home] to return to the main menu.

General setup:

- Press 13 [] and the general setup menu shows up. For details, please refer to the general setup from page 9.

BLUETOOTH MODE

Phone book

1. Phone book
2. Dialed calls
3. Received calls
4. Missed calls
5. MUTE
6. Refuse / hang off button
7. Giving / receiving button
8. Previous
9. Next



Inquiry about the phone book / received / dialed calls / missed calls

- Depend on the handset supports Bluetooth protocol to upload phone numbers.
- Press ② [dialed calls] to see up to 20 recent dialed calls numbers. Press ⑦ [] to make a call after you select a number.
- Press ③ [received calls] to see up to 20 recent received calls. Press ⑦ [] to make a call after you select a number.
- Press ④ [missed calls] to see up to 20 recent missed calls. Press ⑦ [] to make a call after you select a number.

Note: the style of phone book upload is according to various mobile phones. Please setup upload to the unit via Bluetooth sent in phone book with mobile phone.

Music play



Music play of mobile phone

- The Bluetooth of this DVD supports A2DP, stereo Bluetooth music play protocol and automatic control. If the matched mobile phone supports the functions, you just need to press ① [] in the standby mode under the A2DP communication protocol, then, the device will control the mobile phone automatically to play its music. You can press ① [] to pause when play the music. The device returns to normal when you press it again. Press ② [] to stop playing and ① [] to start to play again. Press ③ [] to select the next program and ④ [] to select the previous program.

Bluetooth setup

- Press ① [reset] to see the save data of Bluetooth. Press ② [cut] to cut the connecting Bluetooth. Press ③ [Link] to connect Bluetooth.
- Press ④ [-] to decrease the volume of Bluetooth, press ⑤ [+] to increase the volume of Bluetooth.

IPOD operating mode

IPOD operating mode (optional)

1. Volume +
2. Volume -
3. Random Button
4. Turn off
5. Repeat
6. Confirm
7. Video
8. Previous video
9. Next video
10. Next
11. Play/pause
12. Previous
13. Return to main menu
14. General setup menu
15. Status and time
16. Menu button



Volume control

- Press ① [+] and ② [-] button to control the volume to increase and decrease. The volume is Split into 40 grades. If you turn off the unit [or close the ACC lock] when the volume is set below 30, the unit will come to the previous volume when you restart the device; if the volume is set above 30, the unit will restore to default 15 after you restart the unit.

Random

- Press ③ [random] to play audio and video in IPOD randomly.

Turn off

- Press ④ [turn off] to close IPOD connecting status, IPOD will charge power immediately.

Repeat

- Press ⑤ [repeat] to replay current program or cyclicly replay all programs.

Menu play

- Press ⑯ [menu] to enter menu play mode.

Program selection setup:

- Press ⑩ [] or ⑪ [] to select next or previous respectively.

In play status:

- Press ⑫ [] to pause play, press it again to recover normal play.

In play status:

- Press ⑦ [video] to enter video play, press ⑧ [] to select previous video, press ⑨ [] to select next video.

AUX mode

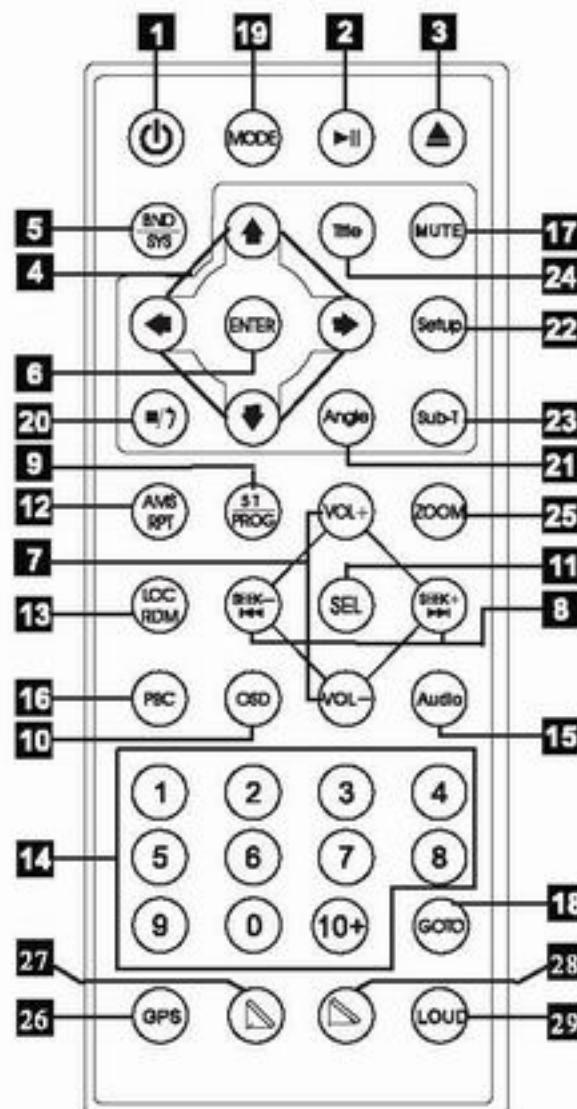


Volume control

- Press **1** [+] and **2** [-] button to control the volume to increase and decrease. The volume is Split into 40 grades. If you turn off the unit [or close the ACC lock] when the volume is set below 30, the unit will come to the previous volume when you restart the device; if the volume is set above 30, the unit will restore to default 15 after you restart the unit.

Speaker status display:

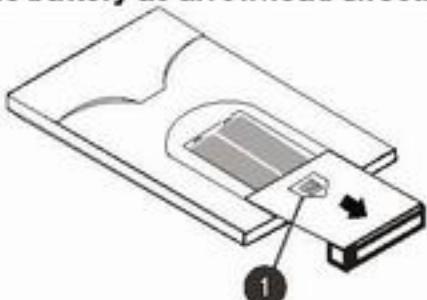
- Press shown as **3** to make it become status show as picture, means mute, press it again to return to the vocal status.



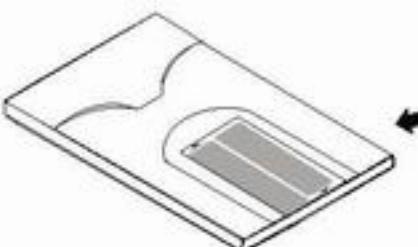
1 Power switch	14 Number key
2 Pause/play	15 Track setting
3 Eject key	16 Pcb setting
4 Menu key	17 Mute key
5 Wave-band key/tv audio mode selection	18 Choose playing time
6 Menu setting key	19 Mode transfer
7 Volume +/- key	20 Stop/return
8 Stations/songs/speed/backselect	21 Multi-angle selection
9 Programme/stereo selection	22 Main menu set-up
10 Play -time display	23 Title/language setting
11 GPS screen transform	24 Caption/goal setting
12 Repeat play/search stations automatically and memory.	25 Zoom setting
13 Random play/search stations and memory	26 GPS mode button
	27 TFT screen up-arrow
	28 TFT screen down-arrow
	29 Loud compensation

★ The operation of remote controller replacing batteries when the effective distance of the controller shortens or the controller does not work properly, replace its batteries with the new Cr2025 type .Pay attention to the polarity of the battery while replacing.

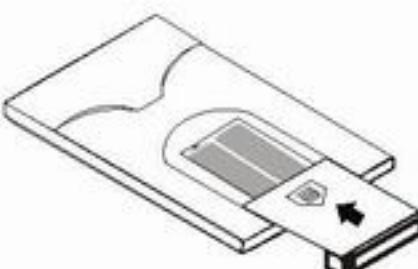
1, Press the battery **1** [], and pull out the battery as arrowhead direction .



2, Put the battery in it and pay attention to the "+" "-" .



3, Push the batter seat into the remote controller until it is locked into place with a crackle.



★ Power switch

— Press **1** () to power on/off the system .Press RES and must use PWR to open it ,then the remote controller will work.

★ TFT angle adjustment

— Press **27** () and **28** () to control TFT screen up-arrow and down-arrow respectively .The screen has five angles adjustment. Press up-arrow or down-arrow each time represents one angle.

★ Pause/play

— Press **2** () to pause DVD,VCD, CD,MP3 playing .Press it again ,it will Be playing normally.

★ Mute

— Press **17**(MUTE)once time to delete the Sound ,press 3 again to be the sound again.

★ Menu choose/confirm

— Press **4** ( / )and choose the desired menu ,then press **6** (ENTER) or **2** ()to confirm.

Note: It will work as long as entering into the main menu .

★ Wave-band or system transfer

— At the status of radio, press **5** (BAND/SYS) to transfer radio band.

— At the status of playing, press **5** (BAND/SYS) to transfer auto, PAL or NTSC system.

★ Volume (+/-)

— Press **7** (VOL+ or VOL-) to increase the volume or decrease the volume.

★ Cloud compensation:

— Press **29** (LOUD) to open or close the cloud compensation switch. When opening it the bass effects will be increased.

★ Choosing stations/choosing songs/Speed/

— set back in the status of radio,press **8** ( / )to choose the stations downward or upward. If press **8** ( / ) for over three seconds, the radio will choose the stations downward or upward automatically. In the mode of DVD,VCD,CD,MP3,press **8** ( / )to choose a song downward or upward .Press **8** ( / ) without relax, you will listen(watch) the programs quickly.

★ Programme Play/ST

— In the mode of VCD,CD, it will set programs ordinal through the function.

— In the mode of VCD, press **16**(PBC) and press **9**(ST/PROG),TV appears P00:00,you Will Press **4** (0-10+)and set songs playing ordinal .Press **2** () to play after finishing the programme.

★ Time Appearing

— In the status of playing DVD,VCD,CD, press **10**(OSD) to appear the balance Of time playing .

★ Playing Repeatedly/ams

— At The Status Of DVD,VCD,CD,MP3, Press **12**(AMS/RPT) Once Time To Play The Programs Repeatedly.

★ Playing random

— At the status of VCD,MP3,CD,press **13** (LOC/RDM) to play the programs (Random). Press **13** (LOC/RDM) and return to play ordinal.

★ Number key

- At the status of radio, press the (1-6) of number **14** to choose the 6 radio stations of memory radio bands.
- At the status of DVD,VCD,CD,Mp3, press **14**(0-10+) to choose any unit directly. For instance, if you choose No.15, press (10+) once time, Press (5) again to play the 15th song.

★ Left track/right track/stereo

- At the status of DVD,VCD,CD, press **15** (Audio) continuously to set left track, Right track and stereo mode.

★ PBC(Menu)playing

- At the status of VCD, press **16** to play PBC, the TV will appear all the programs. Then please press **14**(0-10+) to choose the songs directly. When playing my song, if you want to stop playing others, please press **20**(■/□) and return to the menu and choose again to press **16**(PBC) second time, then PBC playing will be cancelled.

Note: At the status of DVD,CD,MP3,VCD, no PBC function.

★ Title/language transfer

- At The Status Of Dvd, Press **23** (SUB-T) To Appear Title,language transfer.

★ Stop playing

- At the status of DVD, press **20** (■/□) at the first time as ready to Stop; press the key at the second time as stop.
Note: At the mode of VCD,MP3,CD, press once time appear stop.

★ Multi-angle

- At the status of DVD, press **21**(ANGLE) to watch DVD programs from different angles.

Note: 1, At the status of VCD,MP3,CD, no function.

★ TFTangle adjustment

- Press **27** (TFT-ANGLE) Once Time, tft will be Slided. Press **27** (TFT-ANGLE) at five times, tft will be slided to the bottom. Press it again, tft will up to the utmost.

★ Title Menu

- At the status of DVD,VCD, press **24** (TITLE) to appear all the programs. Then you will press **14** (0-10+) to choose playing directly or press the keys **4** (◀/▶/▲/▼). Choosing your desired menu, press **16** (ENTER) to confirm or press **2** (▶II) to start playing.

★ Zoom Setting

- At the status of DVD,VCD, press **25** (ZOOM) at the first time, the screen will be appeared to expand two times, press it two times, the screen will expand three times, press it three times, it will expand four times, press it four times, it will expand 1/2 times, press it five times, it will expand 1/3 times, press it six times, it will expand 1/4 times, press it seven times, it will be no zoom.

Note: At the mode of CD,MP3, zoom will not work.

★ System Setting

- 1, When DVD playing, press controller **22** (SETUP).
- 2, The menu set as below:



System Setting Language Setting Audio Setting Video Setting Dolby Digital Setting

3, Using (◀/▶ **4**) to choose the desired menu.4, Press **16** (ENTER).**A, System setting**

The setting includes TV system election, screen protected, TV screen kind, Secret, grade.

B, System setting

The setting includes OSD languages, audio languages, words languages, main menu election function.

C, Audio setting

The setting includes all the audio setting.

D, Video setting

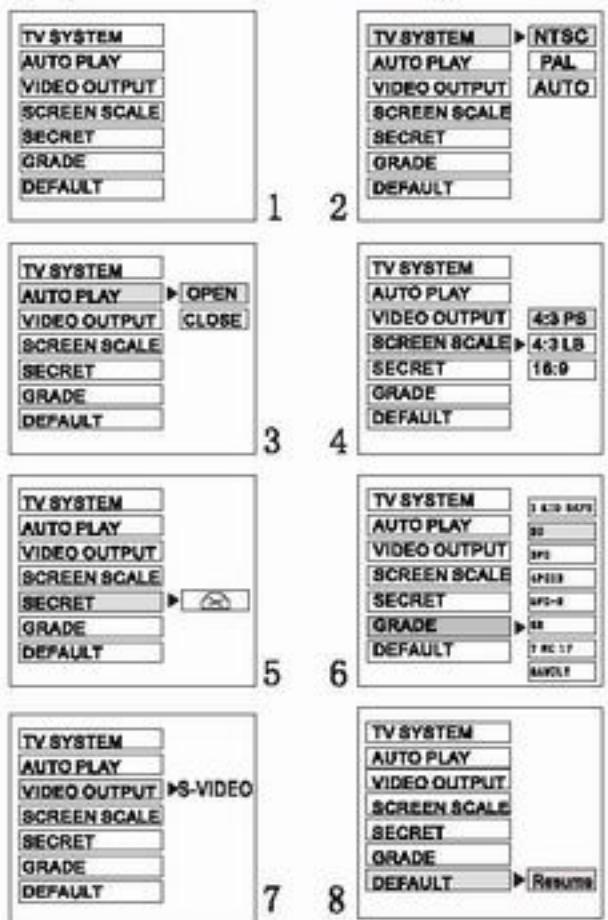
The setting includes video brightness, contrast, color, saturation adjustment. Please read the video setting menu for details.

E, Digital audio output setting

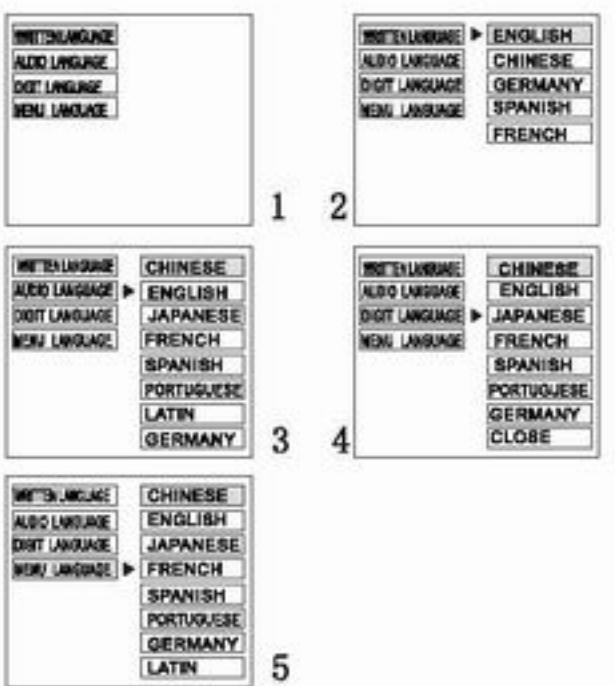
The setting includes digital audio output mode, dynamic scale and track setting. Please read the digital setting menu for details.

REMOTE OPERATION

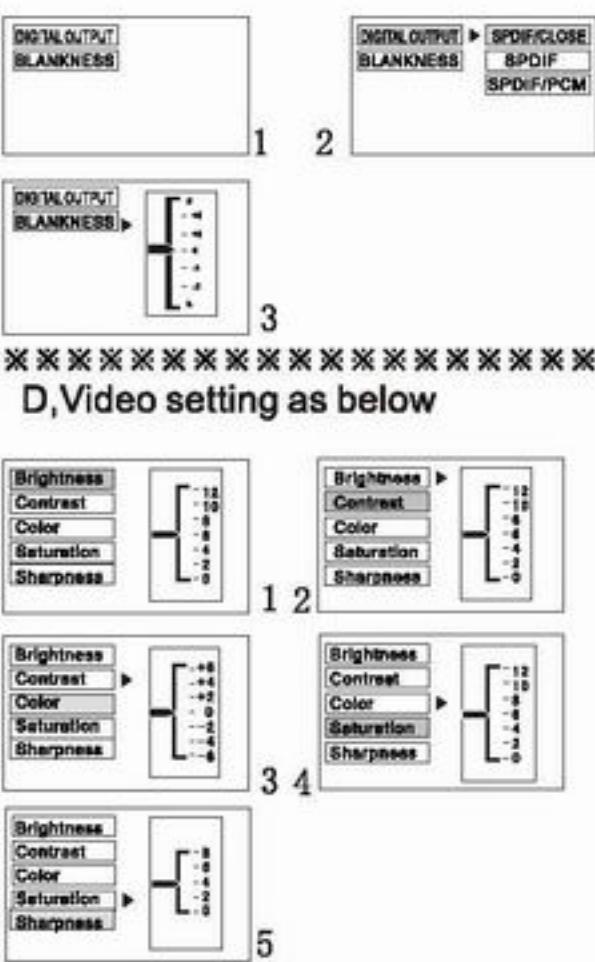
A, System setting as following chart



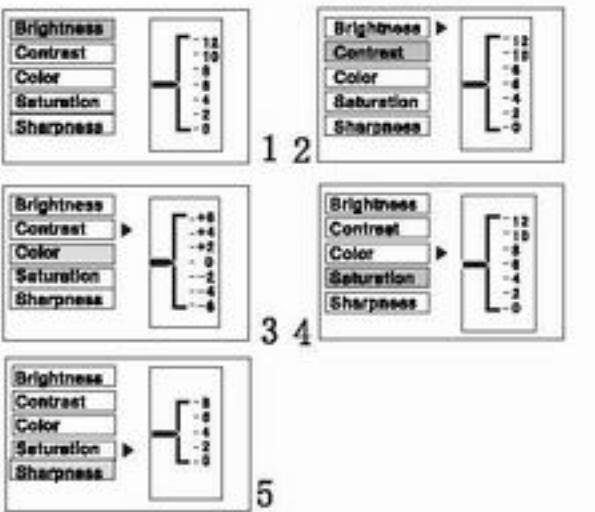
B, Language setting as below



C, Audio setting as below

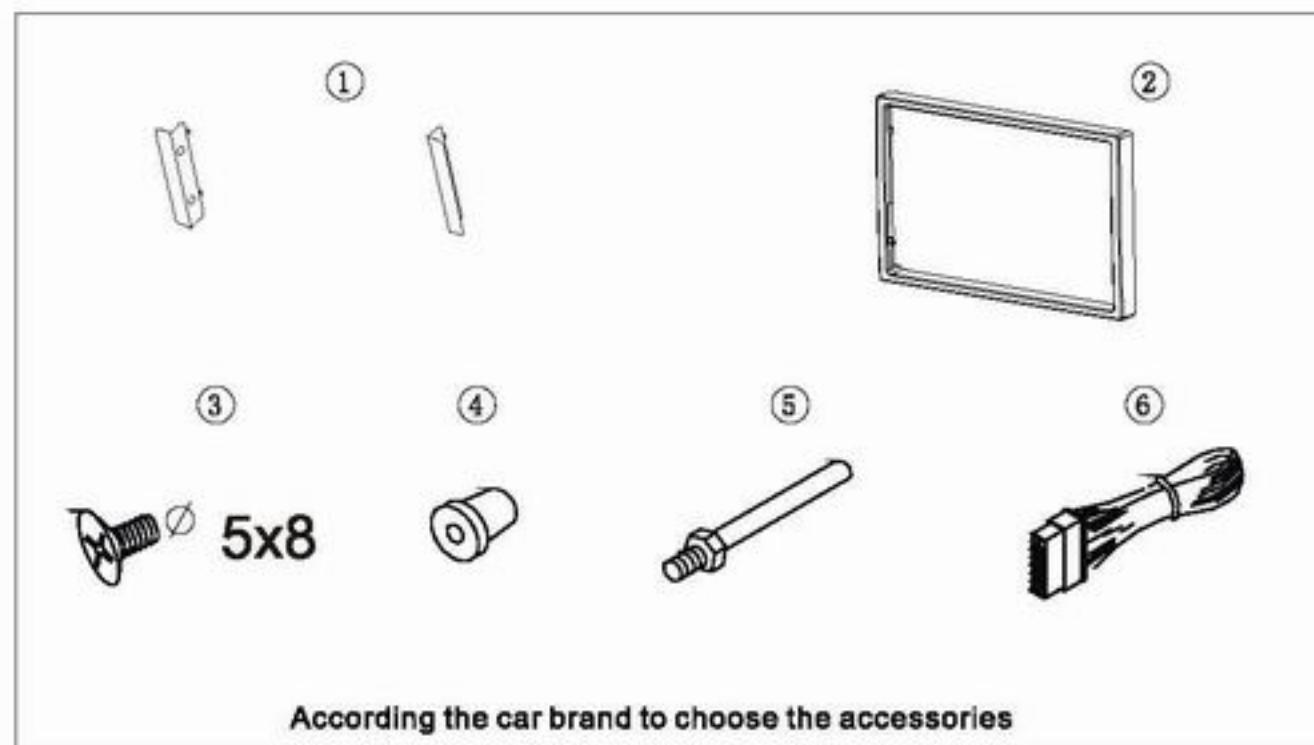


D, Video setting as below

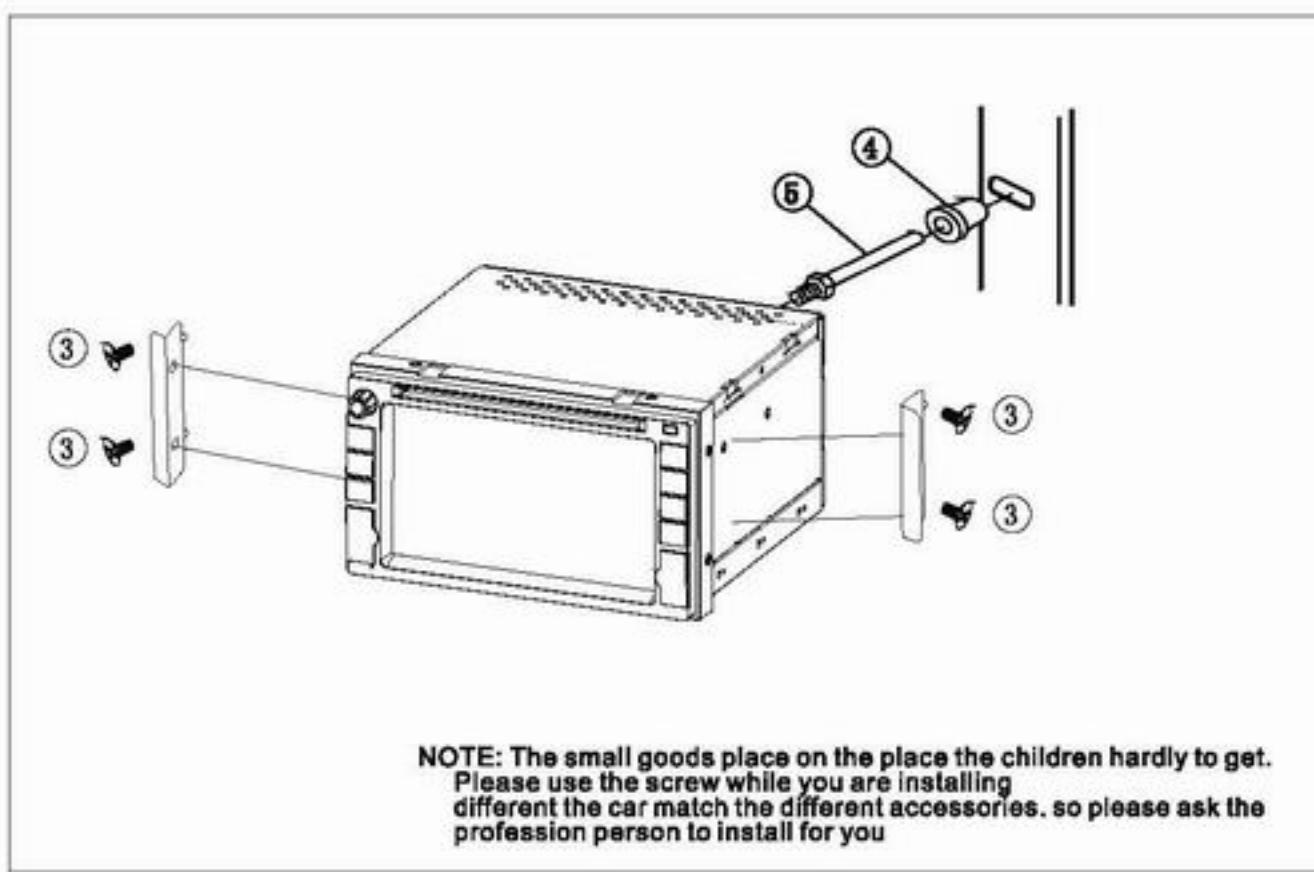
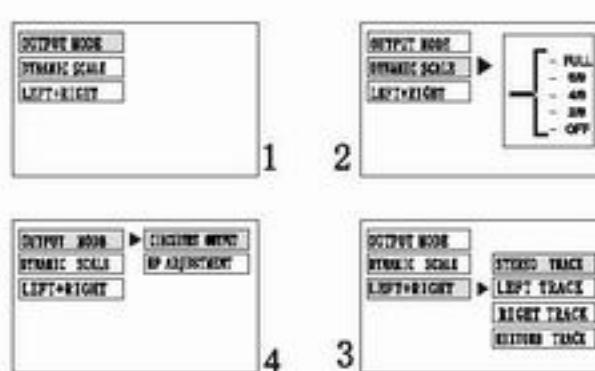


INSTALLATION

INSTALL



E, Digital Setting As Below



General

Power Requirement: 14.4VDC
load impedance: 4Ω
Max .power output: 4×50W
Tone controls: ± 8Db(Bass100Hz,treble 10KHz)
Dimensions: 192X178X100mm
Mountings Dimensions: 169X182X103mm
Weight: 1.75KG

DVD deck section

Disc played: MPEG4,DVD,VCD,MP3,CD,CD-R,CD-RW,
PICTURE-CD

Video system: Auto ,NTSC,PAL

Mounting angle: 0--+/-30°

Video section:

Video system: 4:3 box mode/4:3 panorama mode
Video output level: 1.0Vp-p.75 ohms
Horizontal Resolution: 500

Audio section

Maximum output level:	600 Ω (2 channel 2.0Vrms)
Frequency response:	20Hz--20KHz
Signal to noise ratio:	85 dB
separation:	80 dB

AM tuner section:

tuning range: 522-1620(Europe/China/Moscow),530-1710(U.S.A)
IF range: 450KHz
Usable sensitivity(-30db): 25 dB

FM Tuner section

Frequency range: 87.5-108(Europe/China), 65-74;87.5-108 (Moscow)
87.5-107.9 (U.S.A)
IF range 10.7MHz
Usable sensitivity(-20db): 15 dB
Signal to noise ratio: 60 dB
Stereo separation: 30 dB (1KHz)
Frequency Response: 30-15000Hz

Problem	Cause/Solution
No power	★ Check and make sure whether the fuse is blown, replace with the proper fuse if necessary.
Some errors occur in the LCD no function when pressing the button	★ Press the RESET button.
Unable to received stations	★ Check and make sure whether the antenna is inserted or the antenna is properly connected, if so, insert or connect it properly.
Poor effect on receiving a station	★ Antenna may not be the proper length, make sure the antenna is fully extended without damages, if broken the antenna with a new one, The broadcasting signal is too weak. ★ The antenna is poorly grounded check and make sure the antenna is properly grounded at its mounting location.
A disc cannot be loaded 	★ A disc is already loaded in the mechanism.
The stereo indicator is flashing	★ Tune in the frequency accurately ★ The broadcasting signal is to weak.(set to the MONO mode)
Noise	★ The disc is dirty or damaged
No picture	★ The video line from main unit to the TV is not connected properly.
The picture noise appears.	★ Improper setting of the color system, set the color system to PAL or NTSC, according to the connected television.
Unable to use Bluetooth	★ Check if the bluetooth mobile is correctly connected with this machine, refer to mobiles instruction and pair again.
Too much Echo	★ While communication voice is too loud, adjust voice down.
Listen to mobile music or communication, voice intermittently	★ Bluetooth is too far away this unit, put the mobile near the machine within 5 meters.

★ Note:if you couldn't still solve the problems with these solutions, please ask the dealer for help. Please don't dismantle the device.