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# INSTRUCTIONS

## MP4/DVD/VCD/CD/MP3/TV/BLUETOOTH



### IMPORTANT INFORMATION REQUIRED BY THE FCC

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

- ※ 7 inch,16:9 TFT LCD display
- ※ Touch screen
- ※ Compatible with MP4(AVI/DIVX/5.X);DVD/VCD/SVCD/WMA/MP3/JPEG disk
- ※ Rearview CCD Video input
- ※ 2 channel Video output
- ※ FM/AM radio,30 preset stations
- ※ Support Bluetooth function
- ※ Touch screen is adjustable auto
- ※ Angle of display adjustment by grade freely
- ※ Touch screen control
- ※ RDS function



## WELCOME

Thank you for enjoying our series of digital car A/V product.

To properly use this product, please go through this instruction manual for installation and operation, put it in a safe place for future use!

## WARNING

1. Pls keep the disk slot clean, wipe it off when there is some dirty on it. Pls wipe off the dirty on disk before slot it into the unit. If dirty on disk go into the slot with disk, that will lead unit to slow slot or cannot read disk. In fact, that is not quality problem. Pls ask professional to clean the laser. That will bring you some inconvenience.

2. Playing disk for long time or high volume level will influence the life of unit. To protect this unit, pls work with radio, middle level volume level during long time use.

3. This unit is set up by precision parts. Pls do not open the unit or adjust any parts inside unit by yourself.

4. Pls do not touch LCD display by hard object to protect it from scratch.

5. To avoid accident caused by scatterbrain, driver should not operate this unit or watch its screen. If needed, pls park the car in a safe play before operate.

6. This unit is for 12V and negative ground system car, pls do not connect it directly in 24V truck or bus.

7. This TFT LCD display adopt motorized construction. Pls do not turn, push, pull display by hand to damage the motorized construction.

Note: We keep improving this product, if there is any change, forgive us do not announce.

## SPECIFICATIONS:

Power supply.....	DC 12V
Power range.....	10.8-16.0V DC
Max operate current.....	10A
Install size .....	178X153X101MM
Ground system .....	Negative ground

## FM tuner

Frequency range.....	87.5-108MHz
Signal/Noise Ratio.....	55dB
Stereo separation.....	30dB
Search station volt .....	20-30dBuv
Distortion rate .....	1.5%

## AM tuner

Frequency range .....	522-1620KHz
Limit noise sensitivity .....	32dB

## DVD PLAYER

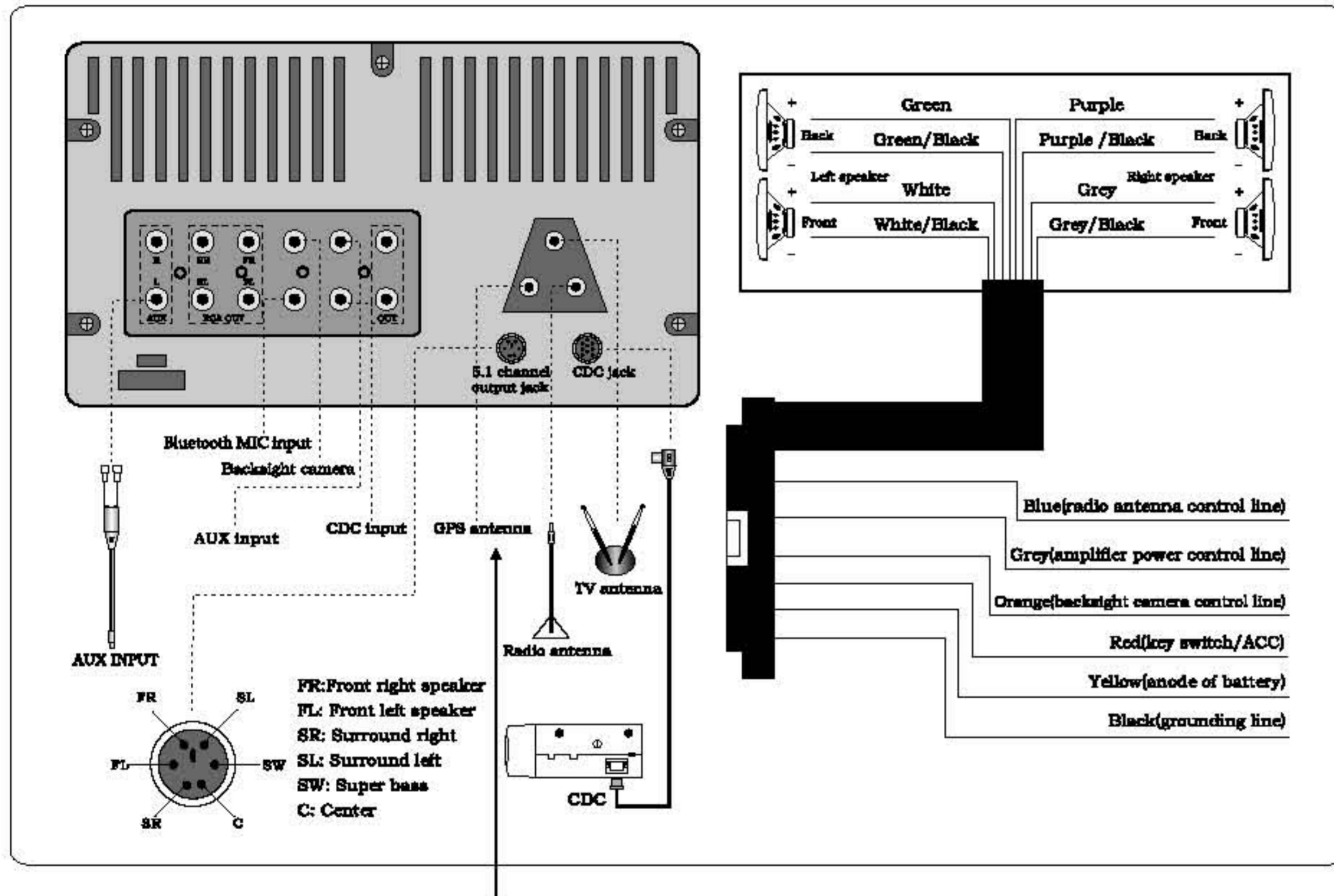
Signal/Noise ratio.....	70dB
Frequency response.....	20Hz-20KHz



## WIRING DIAGRAM

This player is equipped with ISO standard connector, pls follow below instruction:

- Red-ACC ON (+12V)
- Yellow- battery anode (+12V)
- Black- ground line
- Blue-Power Antenna Control line
- Grey- amplifier power control line
- Orange - backsight camera power control line
- Grey/ Grey black- right front speaker anode/cathode
- White/White black-left front speaker anode/cathode
- Purple/Purple black-right rear speaker anode/cathode
- Green/Green black-left rear speaker anode/cathode



★ NOTE: this input or output connection is only for product with GPS.

## NOTE

- This unit can play the following disk:

MODE	ICON	CONTENT	DISK SIZE
DVD		Sound,image	12CM
VCD		Sound,image	12CM
MP3	<i>MP3</i>	Sound,image	12CM
CD		Sound only	12CM

**Note:**1. This unit is compatible with MP4/DVD,VCD1.0/1.1/2.0/3.0version, DVD,CD-R,CD-RW,MP3,WMA,JPEG .  
 2. When play DVD,VCD,MP3,CD disk, display will auto identify the disk and show corresponding word. When appear on display, that means no that function, pls choose other function. Detailed operation pls refer to other related instructions.

- It may lead to accident if you are going to change unit.
- Playing disk during car run on bumpy road will damage laser. Playing substandard disk or damage disk will damage laser.
- The environment of inside car is not good, too much dirty, pls clean the laser by laser cleanser timely.
- Do not work under terribly hot or cold environment, pls ensure the temperature in car is in -20℃~+60℃ before power on.
- During operation, if appear on LCD, that means unit do not support that function, operation is invalid.
- When unit is showing some abnormality, pls refer to TROUBLE SHOOTING in this instruction manual. If you cannot find any solution ,pls press RESET to resume to initial status.



# INSTRUCTIONS

## FEATURES

### DVD PLAYER

1. International advanced MPEG-4 DECODE TECHNOLOGY
2. COMPATIBLE WITH MP4 (AVI/DIVX/5.X), DVD(DVD-R/DVD-RW), VCD, SVCD, CD-RW, WMA, MP3, JPG
3. Multiple subtitles, angles, languages supporting, Child lock function
4. 4 CHANNEL AUDIO OUTPUT MODE
5. PAUSE, PLAY, UP/DOWN, STOP, ZOOM, PBC FUNCTION
6. FM/AM RADIO TUNER  
30 RADIO STATION (18 FM, 12 AM)

### BULETOOTH FUNCTION

1. Bluetooth wireless transfers
2. Support displaying bluetooth pairing and connection status, call status, and caller's ID
3. Robust performance, fast connection, accurate and sensible search of devices in range
4. Support A2DP, AVRCP, HS/HF for handing calls and playing music

### LCD DISPLAY

1. 7 inch, 16:9 TFT LCD display
2. Touch screen
3. Auto adorted panel
4. Angle of turn adjustable

# INSTRUCTIONS

## TROUBLE SHOOTING

PROBLEM	CAUSE	SOLUTION
Cannot power on	Check whether power fuse melt or not	Change fuse same as the old one.
	Some factor cause MPU wrong operation	Press RES button on the panel by penpoint, then, power on.
After ignition switch off, setting information all lose	Wrong connection between ignition line ACC and power line anode pole BAIT	Reconnect line
Remote control no function	No enough power supply from battery	Change battery of remote control
Poor performance of radio station	Improper set of length of antenna, poor connection of antenna grounding	Check whether antenna is connected or not, or poor connection.
Cannot load disk	There is a disk in deck.	Check grounding is connected or not.
Cannot play disk	Disk is scratched.	Change new disk
	Put wrong side of disk into unit.	Slot in the disk with sign side up
	Lens has dirty.	Clean lens by lens clean disk
Cannot switch language/subtitle	There is only one language/subtitle in disk.	If disk is not with multi-language/subtitle, it cannot switch language/subtitle
No image	Video line between unit and TV is not properly connected.	Reconnect lines



## OTHER PLAY MODE

AUX IN:

### AUX IN OPERATION

- 1) Press "Source" button on remote control or touch "Aux" on the touch screen , switch to AUX mode.
- 2) Make video input plug connect to Aux video input outlet, Audio input connect to Aux audio input outlet.
- 3) This unit only supply 1 pcs video input & 1 pair audio input.

### CCD(Car backsight function)

- 1) If there is a car back camera on your car , pls connect car back control line "BACK" to your car camera control terminal, and connect video input line to the video output terminal of your car camera.
- 2) When car is back, the unit will auto switch to CCD mode, and there is a "☐" appeared on the screen.
- 3) You can set CCD image according to your car's own position in general setting mode.

## BASIC OPERATION

### 1.POWER ON/OFF

Press SOURCE button on panel or PWR button on remote control shortly to power on. Press SOURCE button on panel longer or press PWR button on remote control shortly to power off.

### 2.PLAYING SOURCE CHOOSE

Press SOURCE button on remote control, unit will switch source of playing as following sequence:

RADIO → DVD → AUX → TV

**Note:**

- 1) During switch mode, TFT LCD display will show the name of mode in English.
- 2) It will not switch to CAMERA mode and GPS mode. Content is as follows:

RADIO  
DVD  
AUX  
TV

### 3.MUTE CONTROL

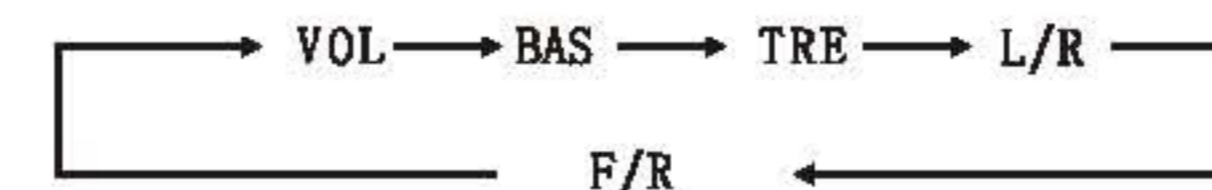
- 1) Press MUTE button on panel or MUTE button on remote control shortly to turn off sound output, press again to back to sound output.
- 2) Press MUTE button on panel longer to turn off TFT LCD display, press MUTE button again to turn on TFT LCD display.
- 3) When turn off TFT LCD display, sound will maintain the present status.

### 4.VOLUME ADJUSTMENT

- 1) Press VOL+/VOL- button on panel, VOL+/VOL- button on remote control or touch button on display to adjust volume level.
- 2) The range of volume is 0-39.

### tone mode adjustment(sel)

Press SEL button on remote control shortly or touch area or SEL button on panel to choose your desired tune mode:



**Note:**

- 1) At DVD playing state, MBP& User will be automatically activated.
- 2) After 5 minutes you choose desired mode, do not adjust volume button, the mode will auto back to status before adjustment.
- 3) This function can only be worked by the remote control.



## 5. RESET

- 1) If unit is bad or abnormal status appear because of wrong operation, press RES button on panel by penpoint, unit will resume work.
- 2) After reset, all setting will resume to setting before leaving factory.

## PANEL ARRANGEMENT



- |                           |                 |
|---------------------------|-----------------|
| ① VOL- BUTTON             | ② VOL+ BUTTON   |
| ③ REMOTE CONTROL RECEIVER | ④ OPEN BUTTON   |
| ⑤ MUTE/TFT ON/OFF BUTTON  | ⑥ SOURCE BUTTON |
| ⑦ RESET BUTTON            | ⑧ MINI USB PORT |
| ⑨ SD SLOT                 |                 |

## RDS

### 1. EON(RDS Mark)

Indicate main unit is on auto tracking RDS mode

### 2. AF(RDS auto tracking mark)

Indicate radio is auto tracking RDS channel

### 3.TA(RDS signal increasing output)

Indicate RDS channel have signal increasing output

### 4.TP(RDS channel stereo mark)

Indicate RDS channel is on stereo playing mode

### 5.POP.M....(RDS channel mark)

Indicate RDS channel name

### I . RDS Tracking System

Press AF button in FM mode, and then press ⏪/⏩ last 2 minutes, RDS will auto search channel up and down, it will stop searching when RDS channel be founded, but "AF" will keep shining on the screen and wait for the next traffic emergency report.

### II . RDS Tracking on playing mode

In playing mode, "AF" tracking system keep on opening and wait for traffic emergency report.

1). PTY: RDS button, press once will show music mode POP, press 1-6 function memory button, every group have 2 channel.

POP M	ROCK M	EASY M
LIGHT M	CLASSICS M	OTHER M
JAZZ	COUNTRY	NATION

2).press PTY button twice, and then press 1-6 function memory button, every button have 3 channel.

NEWS	AFFAIRS	INFORMATION	SPORT
EDUCATION	DRAMA	CULTURE	SCIENCE
CHILDREN	SOCIETT	RELIGION	PHONING
TRAVEL			

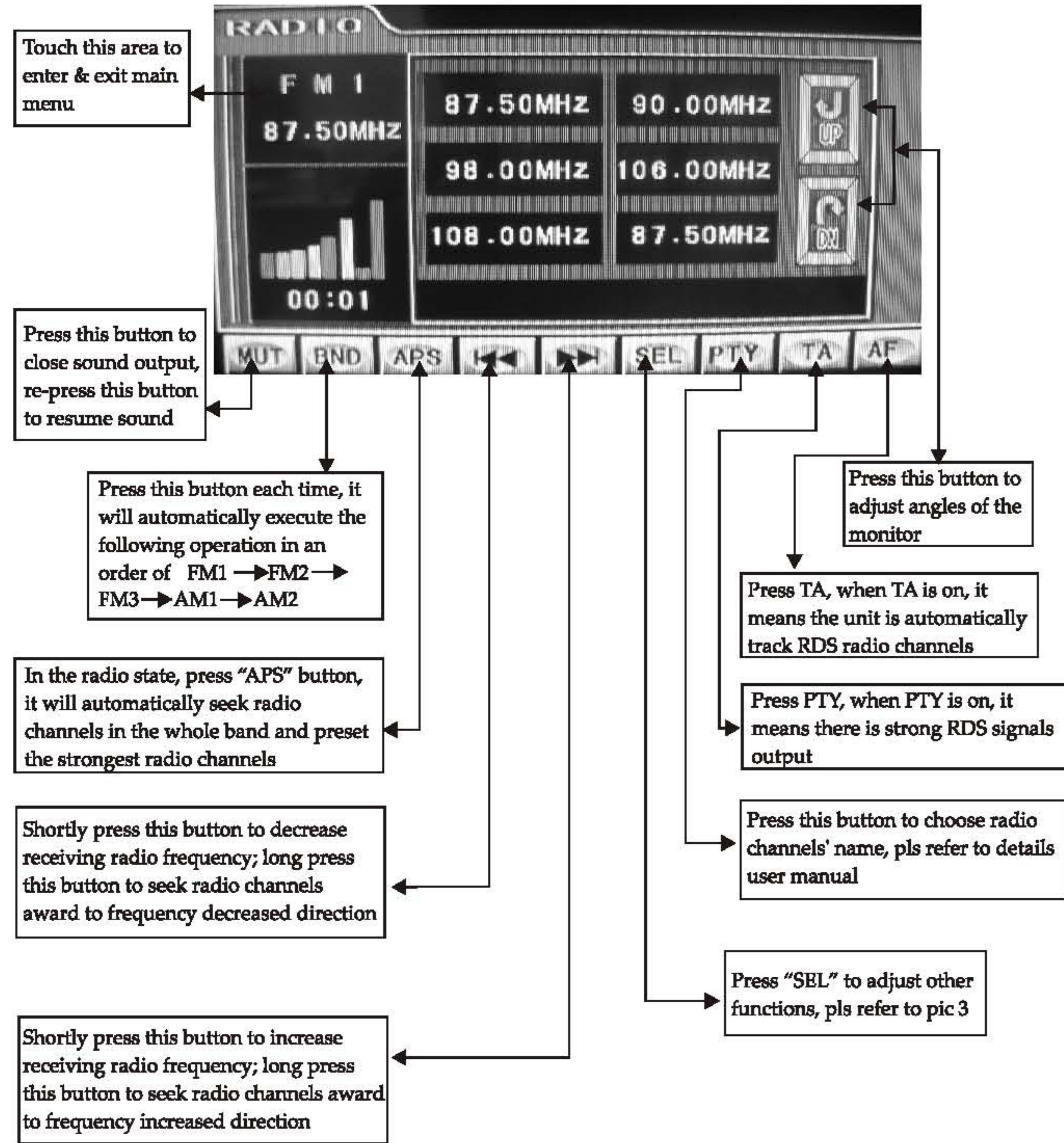
**Note:** RDS channel in broken line is available.

AF: RDS auto search button, in radio mode also can press this button shortly auto tracking RDS channel, press this button shortly can cancel RDS function.

TA: In RDS mode, press this button can output TA signal, and check RDS channel is exist or not , if no RDS signal TFT will show "NO.TA.TP"



## RDS USER OPERATION (PIC 10)



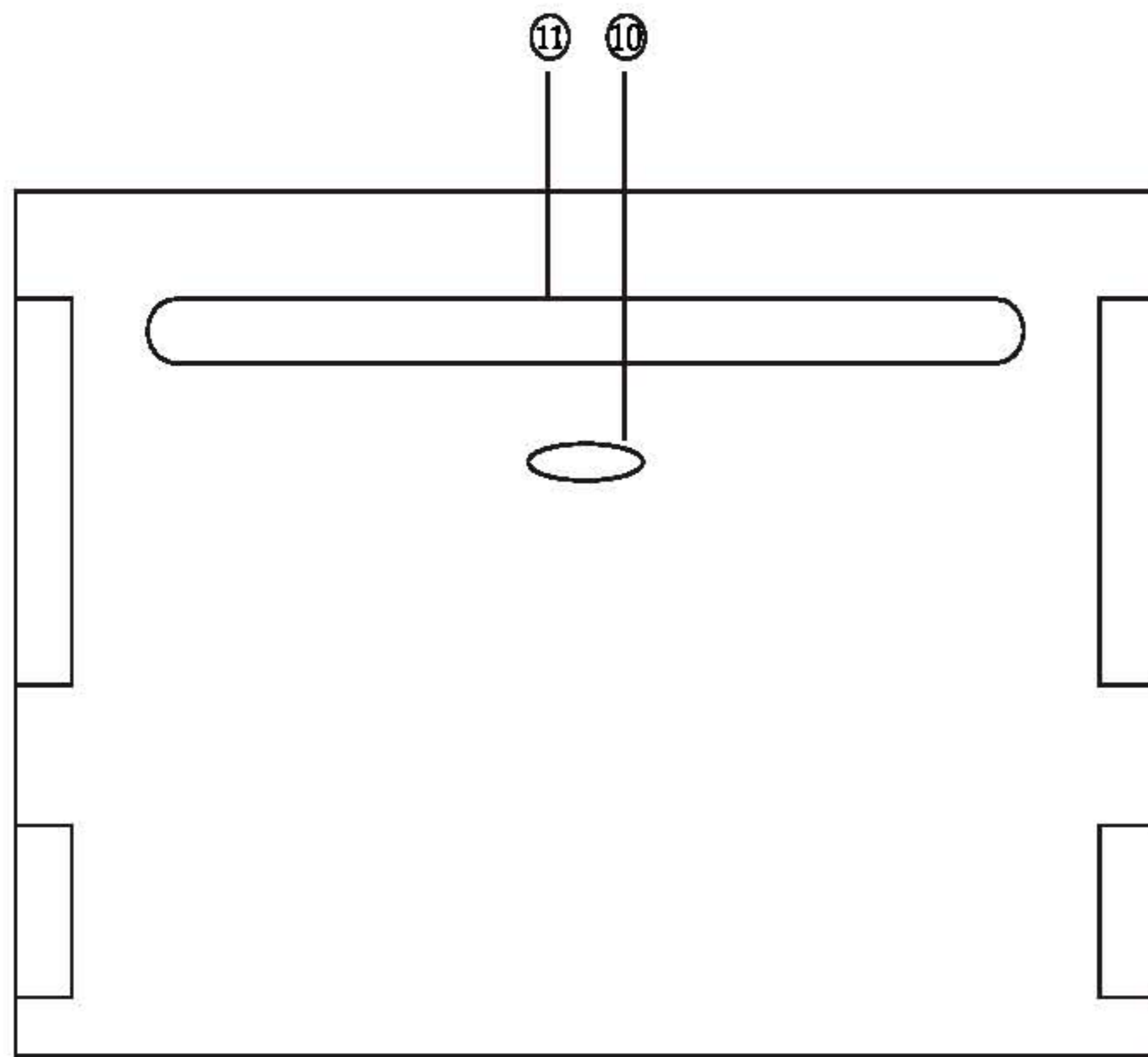
For details of RDS Operation, pls refer to other instructions

## BASIC FUNCTION

- VOL- button**  
 Press this button shortly decrease volume level one step by one step.  
 Press this button longer to decrease volume level continuously.
- VOL+ button**  
 Press this button shortly increase volume level one step by one step.  
 Press this button longer to increase volume level continuously.
- REMOTE button**  
 It can receive infrared message of remote control.
- OPEN button**  
 In other audio source, press this button to slide up or down display. At that time, load disk, unit will play it and close the display. If there is a disk inside, unit will auto eject disk.
- MUTE button**  
 Press this button shortly to turn off volume output, press again to resume former volume level.  
 Press this button longer to turn on /off TFT LCD display.
- SOURCE button**  
 Press this button shortly to power on, press this button longer to power off.  
 In normal situation, press SOURCE button can return to the main menu.
- RESET button**  
 Press this button to reset the unit, make the unit back to the initialization mode.
- MINI USB button**  
 The audio and video documents can be read, by mini USB port which is with standard high speed USB port.
- SD Slot**  
 Connect the SD memory to this socket, and the unit can play music format files supported by this unit in the SD memory.



## BASE



10. Slot indicator light


11. Disk Slot

## BLUETOOTH OPERATION & SETTING-UP

### 1. Bluetooth function features


- 1).Driver can answer or dial a phone freely by the function button on the touch screen.
- 2).Driver can answer the phone freely by the Exempts raises button
- 3).Input volume adjustment control, can adjust the volume freely as you like
- 4).During your driving, you can talk with your friends freely by the microphone on the DVD unit, and you no need to hold the handset, which let your hands pay more attention to the steering wheel control and you also can avoid the Radiation from you mobile phone

### 2. Bluetooth Match Condition

Press the  shortly to enter the blue tooth menu




After enter into the blue tooth function, make your mobile phone at the blue tooth state , you can establish the DVD unit and the handset the realization data exchange and synchronization.

### 3. Connetting DVD player bluetooth & mobile bluetooth operation

1)Make your mobile at bluetooth state, and start to serch bluetooth device. After your moblie has searched the DVD Player Bluetooth device, there is a notice to remind you to connect your mobile bluetooth device & DVD Player bluetooth device. Confirm connecting, and press “  ” button on DVD Player to start connecting your mobile & DVD Player. Then there is a notice to remind you input DVD Player bluetooth password. (DVD PLAYER BLUETOOTH PASSWORD IS:0000). The handset will show “YES” and “NO” to indicate whether the handset match with the DVD unit or not. Pls press the “YES” , the handset will get connect with the DVD unit automatic within 30 seconds. At the same time there is "OK LINK" on DVD Screen, it means DVD Player Bluetooth & Your mobile are connected succesfully;

2)AT any state (DVD/Radio/TV), if your mobile & DVD Player keeps connecting, when there's a call, DVD Player & your mobile will be responed at the same time. And meanwhile, DVD Player will automatically switch to bluetooth state from the preset state, it will resume to the previous state after you hung up the phone.

### 4. Functions and operation

- 1)Digital button: Input the telephone NO. what you want.
- 2)  Cancel button: When you dial the wrong NO. you can Delete the wrong number by pressing this button.
- 3)  Answering button: You can answer or dial the phone No. by this button.
- 4)  Hang up button: Press this button to hung up or refuse a call.