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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.

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

# INSTRUCTIONS

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## 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 place before operation.

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.

# INSTRUCTIONS

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## SPECIFICATIONS:

Power supply	DC 12V
Power range	10.8-16.0V DC
Max operate current	10A
Install size	155X182X53MM
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

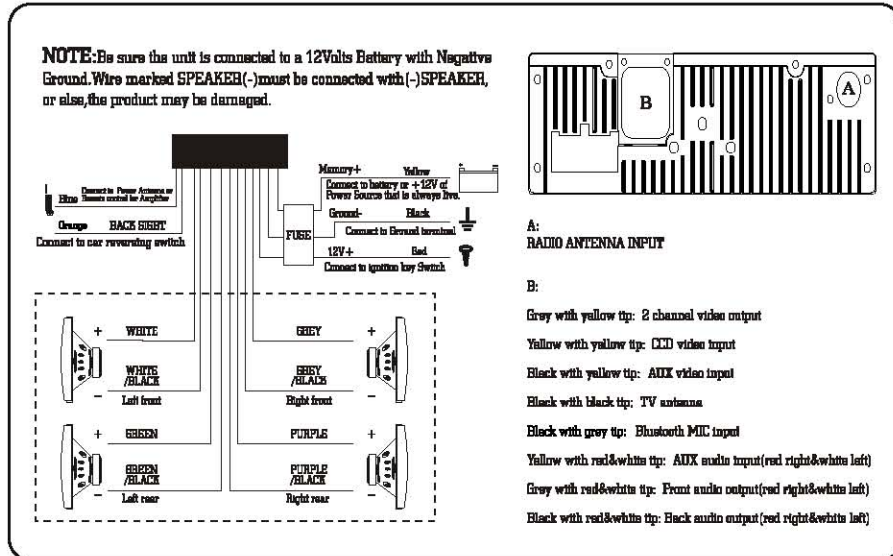
## DVD PLAYER

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
- 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 unit can play the following disk:

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

**Note:** 1. This unit is compatible with MP4/DVD,VCD1.0/1.1/2.0/3.0 version, 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°C~+60°C 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 paring 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

- 1.4.2 inch,16:9 TFT LCD display
- 2.Touch screen
3. Auto adotoried 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 or 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) You can't switch to CDC and GPS mode by "SOURCE" button. Content is as follows:

RADIO  
DVD  
AUX  
TV

### 3.MUTE CONTROL

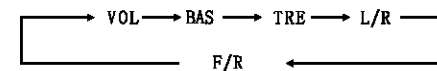
- 1) Press MUTE button on panel or MUTE button on remote control shortly to turn off sound output, press again to back to sound output.
- 2) Press MUTE button on panel longer to turn off TFT LCD display, press MUTE button again to turn on TFT LCD display.
- 3) When turn off TFT LCD display, sound will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

### STONE MODE ADJUSTMENT(SEL)

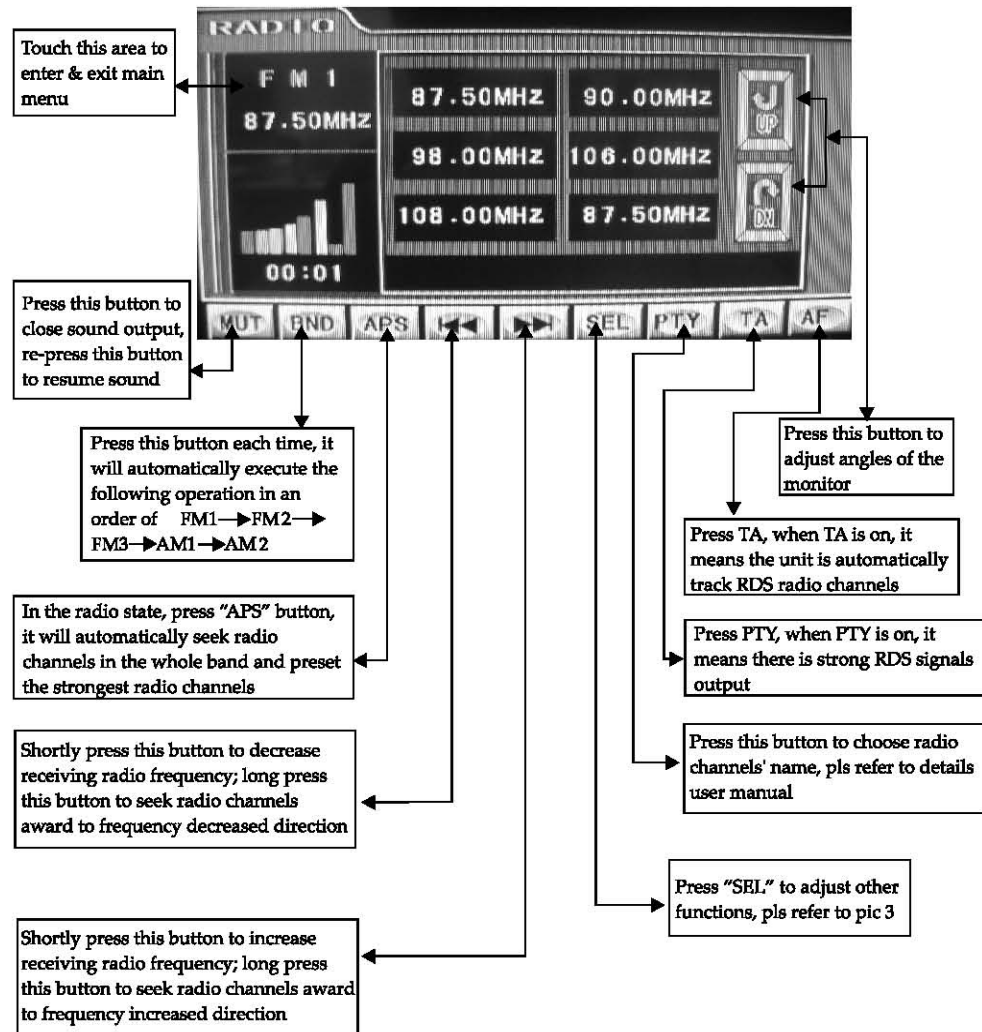
Press SEL button on remote control shortly or touch area or SEL button on panel to choose your desired tone mode:



#### Note:

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

## RDS USER OPERATION (PIC 10)



For details of RDS Operation, pls refer to other instructions

## OVERALL APPEARANCE & BASIC FUNCTIONS

### 1. REL (Panel release button)

Press this button to release the panel;

### 2. Mute (Mute button)

Press this button to shut off sound output, repress this button to resume sound output;

### 3. Function selection button

Press this button to adjust each function setting according to everyone's favor; after you choose one function setting mode, you can use voice adjust button for adjustment;

### 4. Volume adjustment button (VOL-)

Press this button on the panel to decrease the voice volume;

### 5. Volume adjustment button (VOL+)

Press this button on the panel to increase the voice volume;

### 6. Function button (BAND / P/N)

Short press this button at radio state to select radio band; press this button at voice playing state to select video system (PAL/NTSC); Short press this button at TV state to select TV system format;

### 7. Number button M1 / Display button at voice playing state

Press this button at radio state to select radio channels; Press this button at voice playing state to display the location and playing time of the current music;

### 8. Number button M2 / voice repeat playing button

Press this button at radio state to select radio channels; Press this button at voice playing state to execute repeat playing ;

### 9. Number button M3 / voice scanning and playing button

At radio state, press this button to select radio channels; Press this button at voice playing state to execute scanning and playing function;

### 10. Number button M4 / Random playing button

At radio state , press this button to select radio channels ; Press this button at voice playing state to execute randomly playing;

### 11. Number button M5 / voice stop playing button

At radio state, press this button to select radio channels; Press this button at voice playing state to execute stop playing;

### 12. Number button M6 / voice pause playing button

At radio state , press this button to select radio channels ; Press this button at voice playing state to execute Play / Pause function;

## 13. Down button

Short press this button to make the monitor downwards steply;

Long press this button to make the monitor downwards to the lowest position;

## 14. Selection / Previous/Rewind button

At radio state, short press this button to manual seek radio frequency to forward direction; long press this button to automatically seek radio frequency to forward direction ; At voice playing state, short press this button to select the previous song; At TV state , short press this button to select TV channels to forward direction single steply; Long press this button to select TV channels to forward direction continuously;

## 15. Radio / DVD/ AUX / TV switch button

Short press this button to turn on the power, press once can change the function mode in an order of : Radio → DVD → AUX → TV , press longer to turn off the power;

## 16. Selection / Next / Wind button

At radio state, short press this button to manual seek radio frequency to backward direction; long press this button to automatically seek radio frequency to backward direction ; At voice playing state, short press this button to select the next song; At TV state , short press this button to select TV channels to backward direction single steply; Long press this button to select TV channels to backward direction continuously;

## 17. Up button

Short press this button to make the monitor upwards steply;

Long press this button to make the monitor upwards to the toppest position;

## 18. Disc in / out button (Open)

Press this button to make the monitor glide up / down; if you insert the disc, it will automatically play the disc and retract the monitor; if there's a disc in , it will automatically eject the disc;

## 19. Reception window of remote control (IR)

It is able of receiving infrared signals launched by the remote control matching the unit ;

## 20. AUX IN ( audio input jack)

External connected audio input ;

## 21. USB Slot

Connect the USB memory to this socket, and the unit can play music format files supported by this unit in the USB memory;

## 22. 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;

## TV

Touch TV mode of the menu or press SOURCE button on remote control to switch to TV mode, auto scan and store channels.

Press AMS/RPT button on remote control or SCAN touch button on display to auto scan TV channels. The range of scan is full TV channel. The channels will auto store into number button in sequence.

### 1.Switch channel

- 1) Press SEEK+/SEEK- button on panel or SEEK+/SEEK- on remote control or ◀▶ / ▶▶ touch button on display, unit will skip to previous or next stored channel.
- 2) Press number button on remote control, unit will skip to appointed channel, for example, press 6 button ,unit will skip to 6 channel. Press 10+, “\_ \_” will appear on left top corner of display, press number button 3,9, unit will skip to 39 channel.

### 2.Manual tuning TV channel

- 1) Press and hold SEEK+ button on panel, SEEK+ button on remote control, or ▶▶ touch button on display to scan TV channel in increase direction.
- 2) Press and hold SEEK- button on panel, SEEK- button on remote control, or ◀◀ touch button on display to scan TV channel in descending direction.

### 3. TV sound system switch

Press the AUDI button on the touch screen to switch TV sound system. The sequence is as follows:



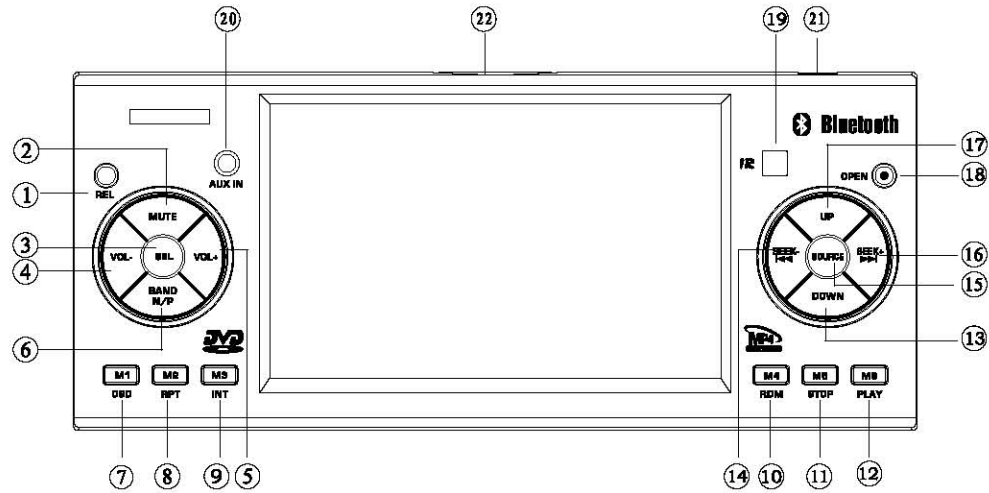
### 4. Blue screen

The display will be blue when there is no signal.

## 5. RESET

- 1) If unit is dead 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 Panel release button                                      | ⑫ Number button M6/Pause playing button |
| ② Mute button   | ⑬ Panel glide down button               |
| ③ Selection mode  | ⑭ Seek-/ Previous/Rewind                |
| ④ Volume decrease button                                    | ⑮ Playing mode switch button            |
| ⑤ Volume increase button                                    | ⑯ Seek+/ Next/Wind                      |
| ⑥ Band selection button / TV System format selection button | ⑰ UP                                    |
| ⑦ Number button M1/Voice playing state display button       | ⑱ OPEN                                  |
| ⑧ Number button M2/Repeat playing voice                     | ⑲ Reception window on remote control    |
| ⑨ Number button M3/Voice playing scan button                | ⑳ Aux in jack                           |
| ⑩ Number button M4/Random playing button                    | ㉑ USB port                              |
| ⑪ Number button M5/Stop playing button                      | ㉒ SD card port                          |

## 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.

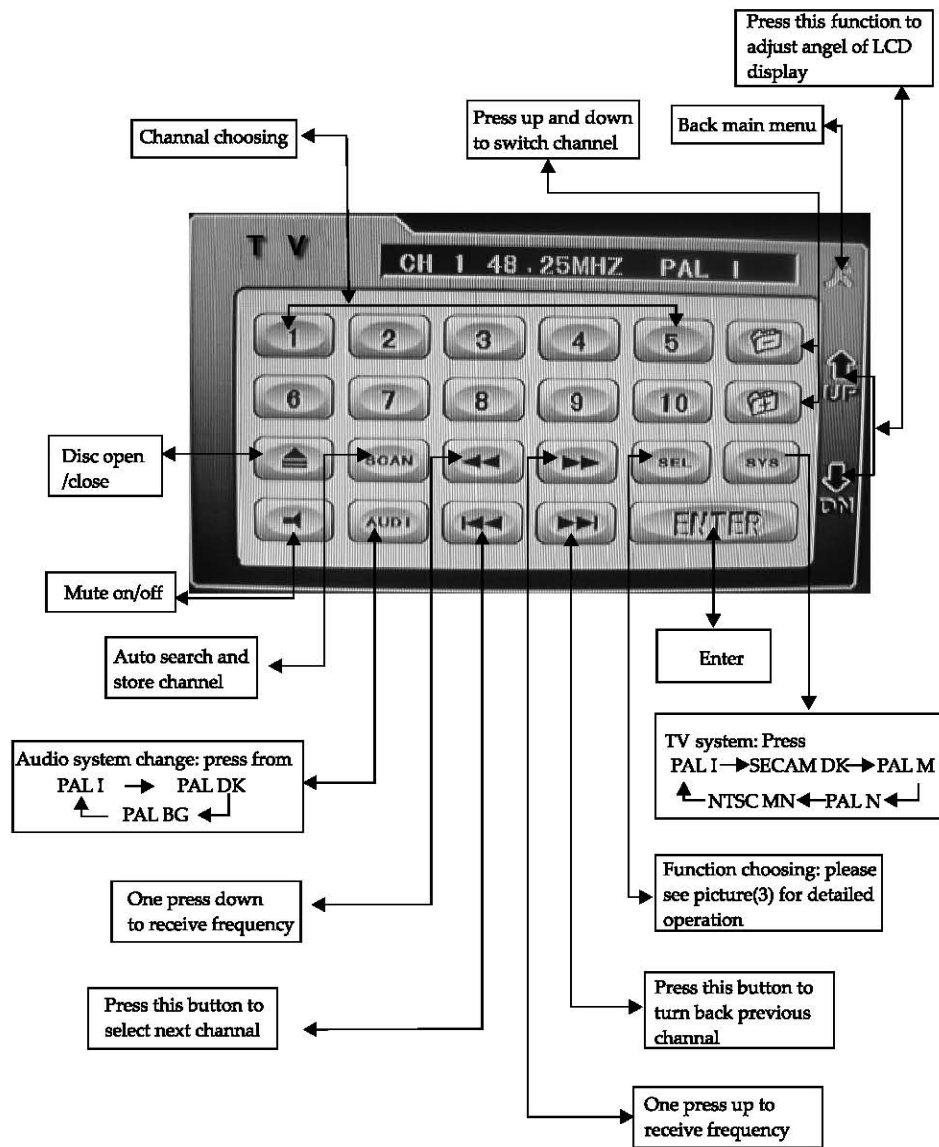
AF: RDS auto search button, in radio mode also can press this button shortly auto tracking RDS channel, press this button shortly can cancel RDS function.

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"



# INSTRUCTIONS

## TV MODE (PIC 9)



# INSTRUCTIONS

## MAIN MENU TOUCH OPERATION (PIC 1)

