

Car DVD PLAYER

Instruction Manual



Warm note:

The functions described in this manual
may differ from the actual functions.
The actual functions are the standards.
(UI-19B Interface)

Trouble Shooting

PROBLEM	CAUSE	SOLUTION
Cannot power on	Check whether power fuse melt or not	Change fuse same as the old one
	Some factors cause MPU wrong operation	Press [RESET] button on the panel by penpoint, then ,power on
After ignition switch off, setting information all lose	Change battery or fuse	Reset information and save
Poor performance of radio station	Weak signal	Move the car to another place,then research
Cannot load disc	There is a disc inside.	Eject disc,then,slot in new disc
Cannot play disc	Disc is scratched	Change new disc
	Put wrong side of disc into the unit	Slot in the disk with sign side up
	Lens is dirty	Clean lens by lens clean disc
Cannot switch language/subtitle	There is only one language/subtitle in disc	If disc is not with multi-language/subtitle, it cannot switch language/subtitle
No image	Other factors cause MPU wrong operation	Press [RESET] button on the panel by penpoint, then ,power on
Cannot watch image during driving	It's not allowed to watch image during driving	Park the car in a safe place

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To use this product safely and properly, be sure to read this manual carefully before use and keep it safe for future reference. As we constantly keep improving our products, function and appearance are subject to updates without prior notice.

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Precaution

Safety

To ensure driving safety, please follow the guide given below:

- 1.The unit is installed in car with 12V power supply.
- 2.Connect each wire as the manual suggests, any wrong connection may cause dysfunction or damage to the electrical system.
- 3.Be sure the speaker(-) lead is connected to the speaker(-) terminal instead of the body of car. Speakers are not allowed to interconnected.
- 4.Make sure all the wires are correctly connected before turning on the unit.
- 5.When you change a blown fuse, replace it with a new one of same specification.
- 6.Do not block the blowhole or heat sink to avoid fire hazard caused by overheating inside the unit.
- 7.After completing installation you can use the product(including changing the car battery); Press (RESET) button on the panel with penpoint (sharp,prong objects not allowed) to set the system in initial status
- 8.To ensure driving safety and avoid breaking traffic regulation, drivers should not watch program or operate this device while driving.

Cleaning Device

If any stains are found on the front panel, use clean soft cloth (such as cleaning cloth)to wipe them off.

If the front panel is too much dirty, use neutral cleaning fluid to wipe it, then clean the left fluid with clean soft cloth.



Directly spray the cleaning fluid onto the device may effect mechanical parts. Use rough cloth Or volatile fluid(such as thinner or alchhol) may scratch the surface or remove the characters.

Lens Mist

In cold weather, mist occurs on the lens of disc player when heat is open. This is called lens mist which may effect the disc play. In that case, eject the disc and wait until the condensate fully evaporates, then you can play it again.

Audio Part

Max Power (front and rear)

40W X 4

Full-Bandwidth Power (front and rear) (<1% THD)

22W X 4

Speaker Impedance

4Ω

General Condition

Operating Voltage

14.4V (allowance: 11-16V)

Current Consumption

10A

Power-down Current

<10Ma

Operating Temperature

-20℃- +60℃

Storage Temperature

-30℃- +60℃

Navigation

Receiver

High-sensitive GPS Receiver

Receiving Frequency

1575.42MHz (C/A code)

Acquisition Time

Cold : <40seconds

Factory Reset

<40seconds

(average of fixed receiver in clear-sky condition)

Update Rate

Location: 1/s; Signal: 5/s

Accuracy

Location <10m (typical)

CEP <2.5m

Mean Probability <10m

Speed

0.05m/s RMS

Additional Information

Specification

Surveillance

Display System

Transparent TN LCD panel

Drive System

TFT Active Matrix system

Pixels Quantity

1152,000(800H X 480V X RGB)

Effective Pixels

99.99%

Pixel Arrangement

RGB stripe arrangement

Backlight

LED

FM Tuner

Usable Sensitiveness(S/N: 30dB)

10dBu (75Ω)

Seek Sensitivity (dBu)

25±5dBu (75Ω)

S/N Sensitivity(dB)

55dB (75Ω)

Frequency Response(±3.0dB)

30Hz-15KHz

Selectivity (±400KHz)

≥80dB

Stereo Isolation

35dB (1 KHz)

AM Tuner

Usable Sensitiveness

35dBu

DVD Player

Video Output

1.OVP-9 (±0.2)amplitude, 75Ω impedance

Disc Specification

Discs with 12cm diameter

Compatible Disc

DVD/VCD/CD/MP3/WMA/JPEG/

MPEG4 (AV1, D1VX)

Frequently response

Frequency Response 20KHz-20KHz (±3dB)

S/N

≥60Db

Distortion

≤0.2%

Video Part

Color System for the External Video Input (rear)

NTSC/PAL

External Video Input Level (RCA socket)

1 Vp-p/75Ω

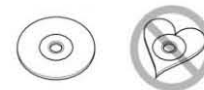
Use of disc

To achieve the best image and sound effect, please pay attention to the following cautions:

1. Do not touch the recording surface of the disc.
2. Neither stick adhesive tape on the disc nor use a disc with tape on it.
3. Make sure the disc is wiped from center to edge.
4. Take out the disc in a horizontal way.
5. Any burrs on the central hole or on the edge, make sure they are deburred prior to use.

Unusable Disc

1. Non-circular disc can not be used.



2. Discs with stain or color on the recording surface can not be used.
3. The unit is designed for discs with the DVD, VCD, and CD symbols only.
4. The unit does not support CD-R or CD-RW with incomplete recording.
5. Attempt to feed a 3-inch disc into the unit via an adapter might lead to separation and damage to the unit.

DVD Disc Symbol

Sign	Description
	Indicates area No. Disc with this sign can be played in any DVD player.
	Indicates the number of audio languages recorded. Up to 8 languages can be recorded in the movie. You can choose as you like.
	Indicates the number of subtitle languages recorded. Up to 32 languages are available.
	If the DVD is recorded from multi-angles, you can select your preferred visual angle.
	Indicates type of image. The sign on the left indicates when wide-screen pictures (16:9) display on standard TV screen (4:3), a black frame (envelope mode) appears on the top and bottom of the picture.

Limit Symbols of Operation

For DVD, some functions of the unit such as play function may be subject to certain limits due to DVD's play position. In this case, a sign appears below:



Disc with Service Life

Do not leave a disc with service life in the unit. Using an overdue disc may cause trouble in taking it out.

Playable Disc

Type	Standard	Support	Remarks
DVD	DVD video	○	MP3/WMA/AAC/JPEG/Divx/MPEG play multi-border/multi session (depends on authorized situation)
	DVD audio	×	
	DVD-R	○	
	DVD-RW	○	
	DVD+R	○	
	DVD+RW	○	
	DVD-R DL(double layers)	○	VIDEO format only
	DVD+RDL (double surfaces)	○	
	DVD-RAM	×	
CD	MUSIC CD	○	MP3/WMA/AAC/JPEG play, support multi session does not support packet write
	CD-ROM	○	
	CD-R	○	
	CD-RW	○	
	DTS-CD	×	
	VEDIO CD (VCD)	○	
	Super video CD	○	
	photo CD disc	○	
	CD--EXTRA	△	can only play music disc session
	HDCD	△	voice quality of normal CD music
	CCCD	×	
Others	DualDisc	×	
	Super video disc	△	can only play CD layer

○ : Can play
 △ : Partial playback
 × : Cannot play

Use of "DualDisc"

"DualDisc" is a disc with one surface contains DVD standard signal and the other surface contains music signal. If you play "DualDisc" in this device, when you insert or eject the disc, the un-played surface may be scratched. The surface of music discs does not comply with disc standard so it cannot be played.

Other Functions

Digital TV

Only the unit with plug-in digital TV box can achieve this function.

CCD

In any running mode, the video signal will switch to CCD status when backing the car, after backing it resumes to its previous status



Analog on-site backup

Backup rearview



Warn:

Do not rely entirely on CCD, please confirm safety of the environment with naked eyes while you are driving. CCD only assists the drive to park the car. Due to the limits in CCD range and distance, it may cause traffic accident if the driver relies entirely on CCD.

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.

IPOD READY(optional)

Connect IPOD to the unit, after it is detected, the unit enters into IPOD mode automatically (nomatter which mode you are in).

If the unit is connected with IPOD, directly touch IPOD icon in main interface to start up [IPOD]mode.



Select/Play File

Touch file folder icon to open the file, directly touch the icon of playable file to play.

Touch [▲] [▼] to pageup/pagedown.

Skip Song

In playback mode, short press [SEEK-/SEEK+] button on remote control can skip to previous/next song to play.

- By operating ◀ ▶ buttons or appropriate panel button this function can also be achieved.

Stop Play

Touch [||] button on screen to pause.

Pause/Play

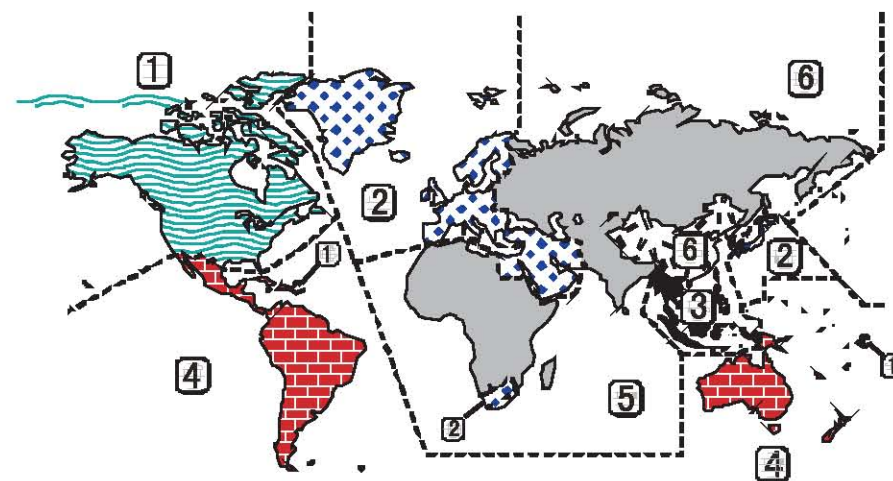
During play, touch ▶ button on remote control can switch between play/pause.

- Using [▶] button on screen can also achieve this function.

Touch [🏠] icon can back to file folder contents, touch [⚙️] icon to access setup interface.

World's Area Codes

As the below map shows, we set area codes for DVD player according to various countries and regions.



About Audio File

• Playable Audio File

AAC-LC (.m4a), MP3(.mp3), WMA(.wma)

• Playable AAC-LC File

Format: use AAC-LC format coded ".M4a" file

Transmission Bit Rate: 24-320kbps

Sample Rate: 22.05, 24, 32, 44.1, 48kHz

Itunes m4a Meta-data (song information):

Title/Artist/Album

• Playable MP3 File

Format: MPEG 1/2 Audio Layer 3 file

Transmission Bit Rate: 8-320kbps/VBR

Sample Rate: 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48kHz

ID3 Labels: Version1.0, 1.1, 2.2, 2.3, 2.4

(Title/Artist/Album: does not support image display)

• Playable WMA File

Format: files comply with Windows Media Audio (files for Windows Media Player9 or utilize new function excepted)

Transmission Bit Rate: 48-192kbps/VBR

Sample Rate: 32, 44.1, 48kHz

WMA Label (content description): Title/Artist

WMA Label (extended content description):

WM/Title of Album

- If normal disc music and other play systems are recorded on the same disc, then it only plays the play system recorded at the very beginning.
- Never add extended name to non-audio file. Otherwise it will cause big noise during play and damage the speaker.
- Files protected from copy cannot be played.
- Audio files may not be able to play due to code software setup or recording situation
- The unit is not compatible with additional specification or non-standard upgrade of compressed format.

- Due to recording situation of audio files, play time sometimes cannot display correctly.
- Optimum setting can not be used for VBR-encoded song.

• Playable Disc Media

CD-R/RW/ROM, DVD±R/RW

• Playable Disc File Format

ISO 9660 Level 0 1/2, Joliet, Long file names.

• Limits of Files and File Folder Structure

Max Layer of Contents: disc: 8; SD card/USB: 16.

Max File Folder: 128

Max File per Folder: 2400

Max File: 2400

- You may have to wait a while for some files to play due to different recording situations such as file layer and file folder structures, etc.

About Video File

• Acceptable Video File

MPEG1, MPEG2, DivX

• Acceptable MPEG-1 File

Extended Name: .mpg, .mpeg, .mpe, .m1v

Image Size: 320x240, 352x240

Audio Format: MPEG Audio Layer 2

Audio Sample Rate: 32/44.1/48kHz

Audio Bit Rate: 32-320kbps
(constant bit rate only)

• Acceptable MPEG-2 File

Extended Name: .mpg, .mpeg, .m2v


Image Size: 640x480/704x480

Audio Format: MPEG Audio Layer 2

Audio Sample Rate: 32/44.1/48kHz

Audio Bit Rate: 32-320kbps
(constant bit rate only)


Call Log

Touch  button to access call log interface which keeps records of received call, missed call and dialed call.



 Page Turn

 To check received call records

 To check dialed call records

 To check missed call records

- Receive call/Missed call/Dialed call can save the recent 16 records at most.

- The sequence of phone number in "Call Log" is set according to the order in which the calls are made.

Bluetooth Function Operation (Optional)

Enter/Exit

Touch Bluetooth icon on the main interface to enter bluetooth interface:



Pair/Connect

The first time you match you phone with the unit, please do follow the procedures:

(1) Touch icon to enter the interface:



(2) Touch [PAIR] icon.

(3) Open the bluetooth function in your phone and set searching (within 10 meters), the screen displays "paring", when the system receives signals from the cellphone, your phone shall display the name of the unit.

(4) During linking you phone suggests you to input connecting password, input "1234" and then begin to pair.

(5) After successful pairing, the screen displays "linked".

(6) Touch [DISCON] to disconnect the bluetooth, Then press [LINK] can relink. Touch [RESET] to clear bluetooth pair information and resume to factory default setting.

Dial/Answer/Switch/Hand-up

Dial

- After successful linking between the phone and unit, input phone number by touching number button on the screen, then touch button to dial.
- In dial process, if you put wrong number Click to delete one by one, long press it to delete all.
- In the dial mode, click to hang up the call.

Answer

When there is an incoming call, the system will automatically switch to bluetooth function in any mode, and turn speaker sound to ringtones. Touch in the bluetooth interface to answer a call.

Touch to refuse a call.

Hang-up

After finishing a call, touch on the bluetooth interface to hang up the call.

Bluetooth Music Play

- If you phone has bluetooth music play function, you can shift its audio into the speaker of the unit, then the unit will play the music.
- To pause or exit the music player, direct action



- Only the phone bluetooth with A2DP can this function be achieved. You can use on the screen to play music.

Acceptable DivX File

Extended Name: .divx, .div, .avi

Image Size: 352x240、352x288、720x450、720x576

Audio Format: MP3、Dolby Digital

Audio Sample Rate: 32/44.1/48kHz

Audio Bit Rate: 32-320kbps
(constant bit rate only)

Useable Media

CD-R/RW/ROM、DVD±R/RW、VCD usable disc, disc format, file and file folder

Name and and playing sequence are the same as audio file.

Max Displayable characters

File/File Folder: 128

MP3 ID3 Label: 30

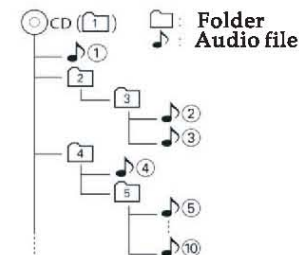
WMA Content Attribute: 30

AAC Song Information: 60

- Character number depends on byte unit.
- The unit can display the following version of MP3 ID3 label: version1.0/1.1.
- AAC ID3 label cannot be displayed.

Playing Sequence of Audio File

The files are played in the following sequence from 1 to 10:



About Image File

Acceptable Image File
JPEG

Extended Name

.jpg、.jpeg、.jpe

Usable Media

CD-R/RW/ROM、DVD±R/RW

Baseline Format

8192(W) X 7680 pixel max

Progressive Scan Format

1600(W) X 1200(H) pixel max

Usable disc, disc format, file and file folder

Name and playing sequence are the same as audio file.

- Additional information (such as Exif)'s image file may not be able to normal display or operate (such as revolving display).

Reset Device

If the unit or its connected device does not work normally, use prong tool to press the reset button, after it restarts, the unit resumes to its initial setup.

Turn on/off Host

• On

When the ignition switch is put in ACC or ON position, press [⏻] button on the front panel to turn on the unit.

• Off

After the host starts, hold [⏻] button for 3 seconds, the host will turn off.

- After turning the unit on, put ignition switch in LOCK or take out the key, then the host will turn off automatically. Next time put ignition switch in ACC or ON place, the unit will turn on automatically.

• Volume Control

Press [VOL] button on the remote control can increase/decrease volume level. Rotate VOL knob on the front panel, or touch [VOL+/-] on the panel also can adjust the volume.

• Sound Effect Setup

Press [SEL] button on the remote control or [SEL] button on the front panel to switch sound effect as below shows:

Bass → Treble → Balance → Fader → Bright → Hue → Contrast → Shart → Volume

- After choose the mode, you can use [VOL] button on the remote control to adjust the parameters.
- If you do not adjust the mode within 3 seconds, the system will return to it previous status.

• Turn on/off Equal Loudness

Short press the [LOUD] button on the remote control to turn on equal loudness, repress it to turn off.

EQ Setup

When listening music, you can choose preset mode (POP, CLASSIC, ROCK). By pressing EQ on the remote control to switch as blow:

POP → CLASSIC → ROCK → OFF

Setup Operation

The unit will resume to it previous running status if none operation is performed with 5 seconds.



1. Foreground

Touch [FRONT] to enter the foreground main interface.



Touch each icon to access responding functions.

2. Background

Touch [BACK] to enter background main interface.

- When the unit is connected with background equipment, use background mode of the unit to play audio and video files.

Analog TV Function Operation (Optional)

Touch [TV] icon in main interface to open analog TV mode.



1. CH-/CH+

Page down/up to select channels and play.

2. AMS

Search channel automatically.

3. SEEK-/SEEK+

Search channel manually.

4. SETUP

Access setup interface.

5. Sound System Switch

Press to switch sound system.

Auto Search/Store Channel

You may need to search station before using TV. Press [AMS] button on remote control, or touch [AMS] button on TV interface to search for TV channel automatically in the whole TV channel range. Effective TV channels that searched will be automatically memorized in preset channel in ascending order

During the search, retouch [AMS] button can stop searching.

Manual Search

Short press [SEEK+] [SEEK-] button on remote control, or touch [SEEK+] [SEEK-] button on the display screen to single-step search.

Long press [SEEK+] [SEEK-] button on remote control, or hold SEEK+ SEEK- button on the

display screen for 2 seconds or more will automatically search effective station in direction of frequency increasing/decreasing. During the search, repress SEEK+ SEEK- can stop searching.

Select/Play Channel

Touch [CH+] [CH-] button on display screen to select previous/next stored channel and play. Press number button on remote control or directly press number button in TV mode, the unit skips to selected channel and play. For example: press button 6 on remote control or directly touch number [6] in TV mode can switch to channel [6]. Press [GOTO] button on remote control "- -" appears in the upper left corner on screen, then press button "3" and "9" can switch to channel 39.

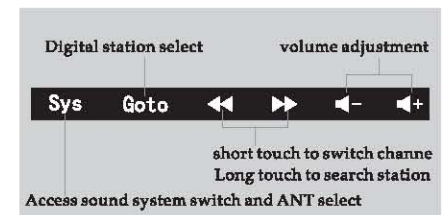
Sound System Switch



Touch the area of sound system switch on display screen to switch TV sound system in the sequence shown below:

PAL 1 → NTSC → SECAM → DK → SECAM → BG → PAL → DK → PAL → M → PAL → N → PAL → BG

The sound of a certain channel may sound abnormal, probably because sound system is wrongly set and need to be reset. (sound systems adopted in China: Mainland areas except for few cities such as Shenzhen use "1"; other areas generally use "DK"; Hongkong uses "1". Users should pay special attention to this.)

After the unit searching TV signals and enters into TV play status, touch middle area on the screen to pop up function menu as shown below"



- This function can only be achieved by remote control.
- This function is only for DVD discs recorded with multi angles.
- The symbol  on the disc cover indicates multi-angle scene. The number in  Sign indicates number of the angles.
- You cannot switch visual angle in slow play.

MP3 Function Operation

After inserting SD card, U disc or the MP3 disc playing MP3 files, you will enter the interface as below:

- You need to press REL button on the front panel to release the panel, insert SD card on the base.



In MP3 play, if it contains file folder, press **[■]** button on the screen and use **[▶▶]** **[◀◀]** to access preferred folder, then press **[ENTER]** button on the remote control to confirm. Touch **[▲]** **[▼]** button on the screen to access previous/next track. Trough **[▶▶]** to play.

Skip/Speed forward/backward

In playback mode, short press SEEK-/SEEK+ on the remote control to skip play, long press it to speed forward/backward play. The speed changes as below:

X2→X4→X8→X16→X32

- This function can also be achieved by screen operation or pressing relative buttons on the panel.

Repeat Play

In MP3 play, press **[RPT]** button on the remote control to choose repeat mode: single repeat. After you select single repeat, the unit will play the current song repeatedly.

Select Song

In playback mode, directly press number buttons 1-9 on the remote control to input the serial number of the song, the unit will play the corresponding program automatically.

For the discs that have more than 10 songs, use number button 10+ and 0-9 on the remote control to choose.

- This function can also be achieved by screen operation.
- Press number button 10+ once to get 10+, press it twice to get 20+, the rest may be deduced by analogy.

Stop

Touch **[■]** button on the remote control to stop playing MP3 files.

- This function can also be achieved by screen operation

Pause

In the mp3 file.Touch **[▶▶]** button on the remote control to switch betwewn play and pause.

- This function can also be achieved by screen operation



- When the unit works at AUX mode, you cannot achieve this function.

3. Audio

Touch the **[AUDIO]** icon to enter the Interface below.



You can adjust the following sound effect on the interface: volume, bass, treble, balance, FAD.

- Touch **▲▼** to switch among these sound effects.
- Touch **[-/+]** to adjust selected sound effect.

4. Video Setup

Touch **[VIDEO]** icon to enter the interface below.



You can adjust the following video effect on the interface: Bright, Hue, Contrast, Sharp.

- Touch **▲▼** to switch among these effects, touch **[-/+]** to adjust selected video effect.

5. System Setup

Touch **[SETUP]** icon to enter the system setup interface.

Clock sys

Choose time display mode(24h/12h system)

Key Beep

- To open/close touch tone.
- BEEP ON: open touch tone.
- BEEP OFF: close touch tone.

Radio Area Select

To select radio area of your country on the interface.



Back Bright



To select screen brightness: 100%, 75%, 50%, 25%

Backlight

To set the highlighting time of backlight: off, 15s, 30s, 60s

Clock adjust

Touch   and move the cursor to hour, minute, second.

Touch   to adjust hour, minute and second.

Touch adjust

If deviation occurs in touch, or if it's the first time to use the unit, you need to calculate the screen.



Use touch pen to click the center of "x" for 2s or longer until the screen displays "successful calculation".

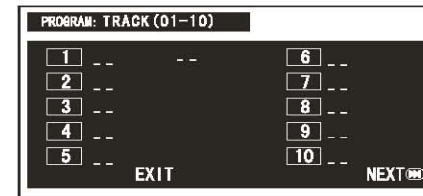
6. Return

Touch [RETURN] icon can return to the previous working mode.

Learning Steering Wheel Function Operation (Optional)

You can also perform control operation of the unit by the car steering wheel buttons. Setup method is as follows:

- A. As is shown in Fig. 1, select a setup position from 1 to 8 (such as: 1. NO KEY):
- B. As is shown in Fig. 2, press a steering wheel button that you need to set up:
- C. Select a function in the menu that pops up on the right side (such as: SOURCE), as is shown in Fig. 3.
- D. As is shown in Fig. 4, then the function setup of button 1 is finalized:
- E. Repeat procedures A to D above can set up function of the next steering wheel button.
- F. Hold any button from 1 to 8 for 3 seconds can clear the button function that has already been set.



Then insert the serial number of title and chapter by using number button on the remote control and up/down/left/right button, move the cursor to PLAY, press ENTER button on the control to complete programmed play.

- This function can only be achieved with remote control

Change Subtitle Language (multi subtitles)

For DVD disc recorded with multi subtitles, you can change subtitle language during play. Press [SUB-T] button repeatedly can change subtitle language during play.

- This function can only be achieved by remote control.
- This function is only for DVD discs recorded with multi subtitles.
- The number in the "2" sign on the DVD disc cover indicates how many languages the subtitle is recorded with.


Change Dialogue Language (multi-tone)

Audio play can have various dialogue languages and audio systems. If the disc is recorded with multi tones, you can change dialogue language and audio system during play.

In play mode, press [AUDIO] button on the remote control repeatedly can change dialogue language.


- This function can only be achieved by remote control.
- This function is only for DVD disc recorded with multi tones.
- The number in the "2" sign on the DVD disc cover indicates how many languages the subtitle is recorded with.

Title Select

In DVD mode, press [TITLE] button on the remote control can return to the title menu. All titles in the disc are displayed. Use up/down/left/right button or number button on the control to choose preferred chapter, then press [ENTER] or  button to play the chapter.

- This function can only be achieved by remote control.

Menu Select

In playback mode, press PBC button on the remote control to back to the main menu, all chapters are displayed on the screen. Use direction button or number button on the control to select preferred chapter, then press  or ENTER button to play selected chapter.

- This function can only be achieved by remote control

Video Play

When you are driving, the screen displays "You cannot watch video files during driving" Please park your car in a safe area and pull up the hand brake before watching.

Back rearview switch

When you are backing the car, the unit will automatically switch to back mode; after backing the system will switch to its previous running status.

Select Sound Output Mode

In VCD mode, repeatedly press [AUDIO] button on the remote control to switch the sound track in the following sequence:

Left track → right track → stereo

Change the Angle (multi-angle)

For DVD discs recorded from multi angles, you can press ANGLE button on the remote control to change the visual angle. Switch is done in the following sequence:

ANGLE 1 (visual angle 1) → ANGLE 2 (visual angle 2) → ANGLE 3 (visual angle 3)

DVD/VCD/CD Founction Operation

DVD Play

(1) Insert DVD disc into disc loader then it plays automatically. If there is a disc in the unit, directly touch the DVD icon on the main menu to access play mode.

(2) Press [VOL-/+] on the screen to adjust the volume level.

Rotate [VOL] knob or touch [VOL-/+] button on the screen can also adjust the volume.

Skip /Speed forward/backward

In play mode, short press SEEK button on the remote control to skip to previous track/next track; long press it to access speed forward/backward play. Each time you press the button, the speed changes in the flowing sequence:

X2 → X4 → X8 → X16 → X32 → play

- This function can also be achieved by operating on the screen or using relative button on the panel.

Stop

In DVD mode, press [■/←] button once on the control to access prestop status, when press [▶/▶] button on the control can continue to play; press [■/←] twice to completely stop, then press [▶/▶] the disc is played from the first song.

- This function can also be achieved by screen operation or pressing relative button on the front panel.

Random Play

In VCD/DVD mode, press [RDM] on the remote control to random play, repress [RDM] to return to the normal play mode.

- In VCD mode, this function can only be achieved when PBC is off.

Repeat Playback

In DVD mode, press [RPT] button on the remote control to start repeating function of the following contents.

Chapter → title → off

In VCD/CD mode, press [RPT] to start repeat function of the following contents:

Single repeat → off

Slow Play

In VCD mode, press [SLOW] button on the remote control to access slow play. The speed changes as below

Slow 1/2 → slow 1/3 → slow 1/4 → play

In DVD mode, press SLOW to slow forward/backward, the speed changes as below:

Slow forward 1/2 → slow forward 1/4 → slow forward 1/8 → slow forward 1/16 → Play
Slow backward 1/2 → slow backward 1/4 → slow backward 1/8 → slow backward 1/16 → play

- This function can only be achieved by remote control

Image Zoon In/Out

During play, press ZOOM on the remote control to zoom in/out image in the following sequence:

2 → 3 → 4 → 1/2 → 1/3 → 1/4 → off

- This function can only be achieved with remote control.

- Reduced image cannot be moved on the screen.

Display

In playback mode, press [OSD] button on the remote control to display all information about the currently played disc.

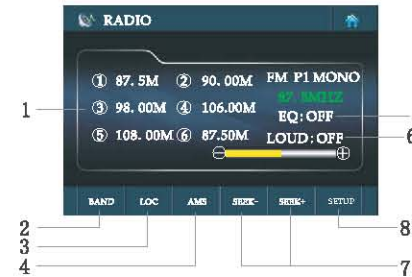
- Only use remote control can this function be achieved.

Programmed play

In DVD mode, you can set playing sequence of your favorite songs by programmed play. Press [PROG] button on the remote control and the screen displays program-edit menu as below:

Radio Function Operation

Touch [RADIO] icon to enter the radio interface as below.



1. Preset Station Button

To display preset station list (long press the button to store the current frequency onto the prestored list).

2. BAND

Touch the button to switch band.

3. LOC

Touch the button to switch between remote and local.

4. AMS

Short press to browse the stations in sequence for 6 seconds each, long press to search station automatically.

5. EQ

Press the button to select preset balance mode.

6. LOUD

Press the button to turn on/off equal loudness.

7. SEEK-SEEK+

Short press it load just station frequency manually, long press it to browse station upforward / downforward automatically.

8. SETUP

Touch the button to switch to setup mode.

Band Switch

Touch the BAND button on the screen to switch band in the following sequence.

FM1 → FM2 → FM3 → AM1 → AM2

Press remote control or [BAND] button on the panel also achieves this function.

Manually/Automatically Search station

1. Manual Search

Short press SEEK button on the screen to adjust frequency and search stations upforward/downforward.

2. Automatic Search

Long press SEEK button on the screen to search station upforward/downforward. While searching, Retouch it to stop.

- press the remote control or SEEK button on the front panel also achieves this function.

Manual Preset Station

30 stations can be stored in the radio (18 FM bands, 12 AM bands).

- Search a station by manual searching.
- Long press any number button in 1-6 on the radio main interface, the station will be stored in the appointed position in radio (such as: ⑥ 87.5M).

- If the prestored position has been stored, after executing store operation, the original station will be replaced by the new.

Browse Station/Select Station

• Browse Station

After searching and storing station, short press [AMS] icon to browse, 6s for each. During browsing, repress [AMS] if you find favorite program and need to stop browsing.

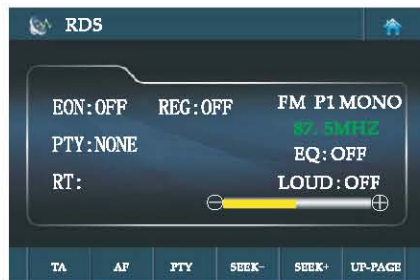
• Select Station

After searching and storing station, short press [AMS] icon to browse, 6s for each station. During browsing, repress [AMS] if you find favorite program and need to stop browsing.

Directly touch number button 1-6 on the screen to play.

- Press the remote control or [AMS] button on the panel can also achieve this function.

RDS Function Operation (Optional)



RDS provides series information (traffic information, name of station), and can automatically switch to the station with stronger signal of the same program.

Additional Information

RDS data contains the following contents:

- P1---program identify code
- PS---program name
- AF---switch frequency list
- TP---traffic program
- TA---traffic announcement
- PTY---program type
- EON---strengthen other networks

1. AF

- Touch the button to turn on/off AF function
- When the receiving station signal becomes weak, it will automatically switch to other frequencies.
- When receiving urgent program, the screen will display "ALARM".

Receiving Traffic Radio:

1. Press [TA] button to open TA mode.
2. The radio will automatically search traffic stations when the traffic station is On. The screen will display "TP" character after searching is completed. Only when the traffic information is received can it be received, after the traffic radio is completed, it automatically switches to the previous mode.
3. Repress TA button to close TA function. In other modes, the traffic announcement can automatically switch to radio mode. After it is completed, it will switch to the previous mode and then play.

2. PTY

PTY allows searching for a given program type.

- ① Touch PTY button to select searched program type.
- ② 3 seconds after the selecting program type, the radio will automatically search the radio of set program type.

3. EON

ON: Open EON function and the radio will receive another AF chart.

OFF: Close REG function.

4. REG

ON: Open REG function can only receive local RDS stations.

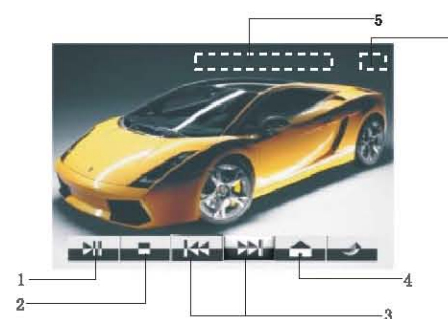
OFF: Close REG function.

5. SEEK+ \ SEEK-

Short press the button to manually search a station upforward/downforward; long press it to automatically search station upforward/downforward.

Multifunction Operation

In DVD mode, touch the top center of the screen will display the following menu.



1. Play/Pause

Play/Pause

2. Stop

Stop play

3. Previous/Next

Previous track / Next track

4. Home


To enter DVD setup interface, refer to "System Setup" below for detailed information.

5. Number Button


Touch [TA] area on the screen and the number button pops up, touch the button to choose song and play.







6. Exit

Touch the top right corner on the screen to exit DVD play mode.

- Touch  button on the panel can also achieve this function.

System Setup

Press [SETUP] button on the remote control or  button on the screen to enter the interface of system setup. System setup modes consist of basic setup, audio setup, video setup and password setup.

You can press     button on the screen to move the cursor, then confirm with ENTER button. Press  button on the remote control backs to the previous menu. Touch  icon or [SETUP] button on the control to exit system setup menu.

- Directly touch each item on the screen also achieves this function.