User's Manual

BV9993

In-Dash DVD/MP3/CD Receiver with Motorized, Flip-Out 7" Widescreen Touch Screen DIGITAL TFT Monitor
with USB and SD Memory Card Ports and Front Panel AUX Input

RDS COMPATIBLE MODEL

BV9993

Touch Screen DIGITAL TFT Monitor

RDS COMPATIBLE MODEL

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To use this product safely and properly, be sure to read this maual 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.

Precautions

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Function Operation

Additional Information

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 electical 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 befor turning on the unit.

5.When you change a blown fuse, replace it with a new one of same specifacation.

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, dject the disc and wait until the condensate fully evaporates, then you can play it again.

Accessory

Accessory	Quantity
User Manual	1PC
Wire	1PC
USB Cable	1PC
Keys	2PCS
Install metal bar	1PC
Remote controller	1PC
Warranty card	2PCS

SETUP NEED PASSWORD

Setup need password

★ During actual operation, when you enter TV setup, system setup, radio area and touch calibration, you need to enter the password "888888".

★ DVD Parental control function：The default set for DVD is #8 adult, which means all grades of DVD can be read without entering password.To change the default grade,you need to follow the below procedure: Press SETUP button on the remote, display will show the system set up menu and the submenu,select password and enter 0000, you will be able to choose the DVD grade as default.

Specifications:

Power supply ··· DC 12V

Power range ·· 10.8-16.0V DC

Max operate current ··· 10A

Dimensions ·· 155X182X53MM

Ground system·· Negative ground

Amp Rating ·· 85 Watts x 4 Channels

FM tuner

European frequency range ··· 87.5-108MHz

USA frequency range ·· 87.5-107.9MHz

Signal/Noise ratio ·· 55dB

Stereo separation··· 30dB

Search station volt··· 20-30dBuv

Distortion rate ··· 1.5%

AM tuner

European frequency range ··· 522-1620KHz

USA frequency range ·· 530-1710KHz

Limit noise sensitivity ··· 32dB

DVD PLAYER

Signal/Noise ratio ·· 70dB

Frequency response·· 20Hz-20KHz

About Audio File

- **Playable Audio File**

  MP3(. mp3)、WMA(. Wma)

- **Playable MP3 File**

  Format: MPEG 1/2 Audio Layer 3 file
  Transmission Bit Rate: 8-320kbp/VBR
  Sample Rate: 8、11.025、12、16、22.05、24、32、44.1、48kHz
  ID3 Labels: Version1.0、1.1
  （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 descrption): Title/Artist
  WMA Label (extended content description): WM/Title of Abum

- 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 upgrate 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 Leve丨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丨704x480
  Audio Format: MPEG Audio Layer 2
  Audio Sample Rate: 32/44.1/48kHz
  Audio Bit Rate: 32-320kbps
  (constant bit rate only)

- **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

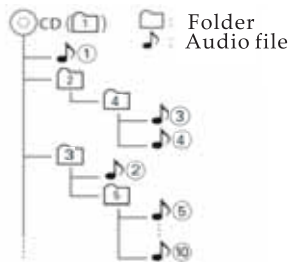 Name and and playing sequence are the same as audio file.

- **Max Displayable characters**

  File/File Folder: 128
  MP3 ID3 Label: 30
  WMA Content Attribute: 30

- Character number depends on byte unit.
- The unit can display the following version of MP3 ID3 label: version1.0/1.1.

- **Playing Sequence of Audio File**

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

  Folder
  Audio file

- **About Image File**

  Acceptable Image File
  JPEG

- **Extended Name**

  .jpg、.jpeg、.jpe

- **Usable Media**

  CD-R/RW/ROM、DVD±R/RW
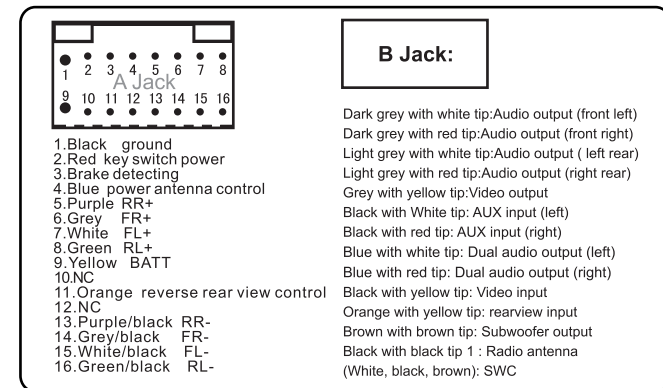
- Additional information (such as Exif)'s image file may not be able to normal display or operate (such as revolving diaplay).

Wiring Diagram

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

- Red - ACC ON (+12V)
- Yellow – 12 V Constant
- Black – Ground wire
- Blue - Power Antenna / Remote Amp Turn On
- Orange – Back-Up Camera Trigger (+)

- Grey/Grey black - Right front speaker (+/-)
- White/White black - Left front speaker (+-)
- Purple/Purple black - Right rear speaker (+/-)
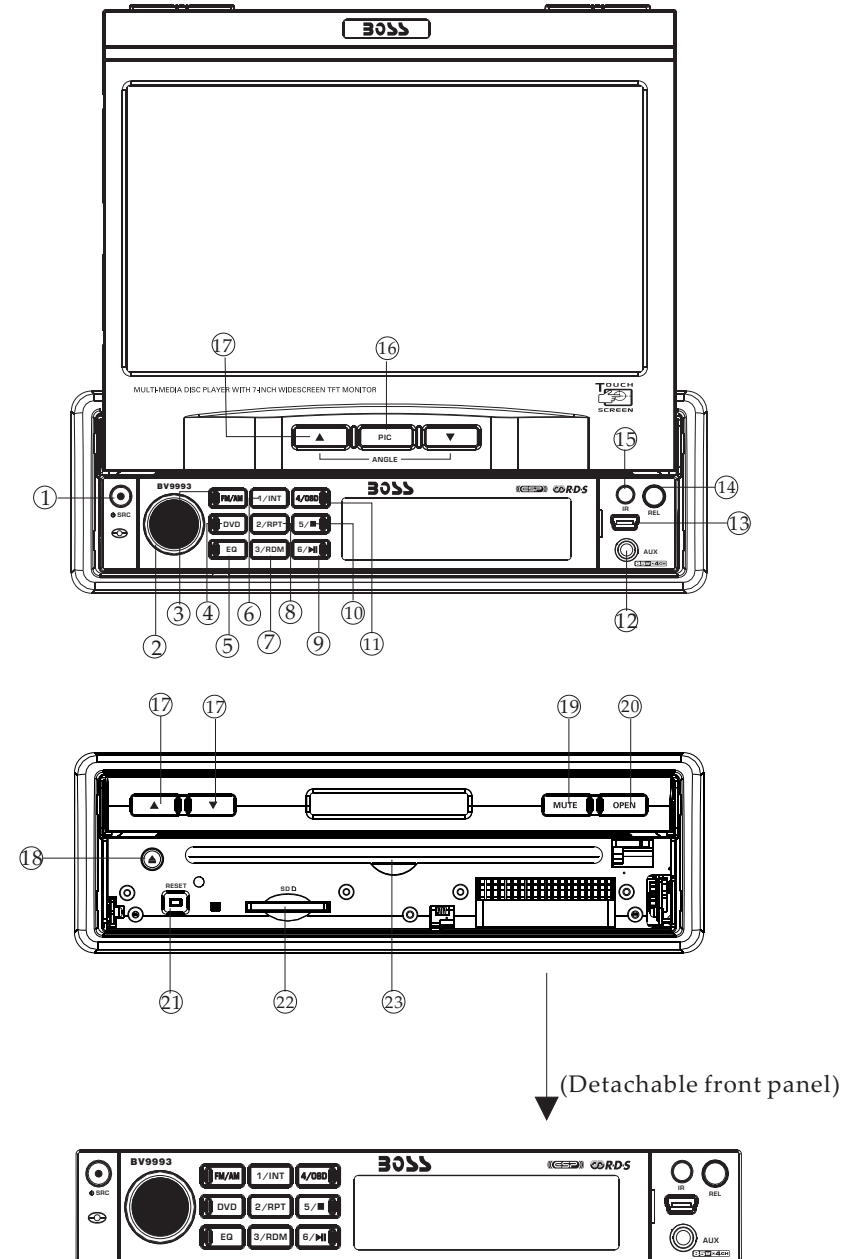- Green/Green black - Left rear speaker (+/-)

A Jack
1 2 3 4 5 6 7 8
9 10 11 12 13 14 15 16

1.Black   ground
2.Red key switch power
3.Brake detecting
4.Blue power antenna control
5.Purple   RR+
6.Grey   FR+
7.White   FL+
8.Green   RL+
9.Yellow   BATT
10.NC
11.Orange reverse rear view control
12.NC
13.Purple/black   RR-
14.Grey/black   FR-
15.White/black   FL-
16.Green/black   RL-

B Jack:

Dark grey with white tip:Audio output (front left)
Dark grey with red tip:Audio output (front right)
Light grey with white tip:Audio output (left rear)
Light grey with red tip:Audio output (right rear)
Grey with yellow tip:Video output
Black with White tip: AUX input (left)
Black with red tip: AUX input (right)
Blue with white tip: Dual audio output (left)
Blue with red tip: Dual audio output (right)
Black with yellow tip: Video input
Orange with yellow tip: rearview input
Brown with brown tip: Subwoofer output
Black with black tip 1 : Radio antenna
(White, black, brown): SWC

Trouble Shooting

PROBLEM	CAUSE	SOLUTION
Cannot power on	Check fuse	Change fuse same as the old one
	Some factors cause MPU wrong operation	Press RES 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
Connot load disk	There is a disk inside	Remove disc before inserting another one
Cannot play disc	Disc is scratched	Change new disc
	Put wrong side of disc into the unit	Insert 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 [RES] 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, put the car stall in " P " postion, pull up the hand brake, parking brake wire must be grounded

PANEL ARRANGEMENT

(Detachable front panel)

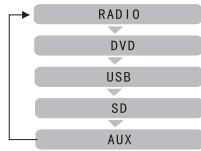### 1. ⏻ SRC

When the power on, press this button to turn on/off host; in any application procedure, When the unit is power on, Repeat press this button can switch to different function mode as following picture.

Note: When the device without connecting to USB, SD, or DVD no disc inside, the system will automatically skip these related working mode.

| RADIO |
| DVD |
| USB |
| SD |
| AUX |

2. Sound effect setup

Repeatedly short press the button to select:
Bas→Tre→Bal→Fad→Bright→Hue→Cont→Sharp→Vol
You can make setup as you like, once a certain function is selected, work with the encoder knob to adjust.

3. FM/AM

In any mode, press the button to radio mode.
In radio mode, press the button to switch band.

4. DVD

In any mode, press this button to read the disc.

5. EQ Button

Press this button shortly to choose preset EQ mode to adjust timbre.
POP → ROCK → CLAS → OFF

6. Number Button 1/INT (Intro Scan)

In radio mode, press this button to hear radio preset;
In disc playback mode, press this button to start or stip the intro scan function.

7. Number Button 3/RDM (Random playback)

In radio mode, press this button to hear radio preset;
In disc playback mode, press this button to play frocks on the disc in random order.

8. Number Button 2/RPT (Repeat Playback)

In radio mode, press this button to hear radio preset;
In disc playback mode, press this button to repeat the current track indefinitely.

9. Number Button 6/PALY

In radio mode, press this button to hear radio preset;
In disc playback mode, press this button for Play/Pause.

10. Number Button 5/ STOP

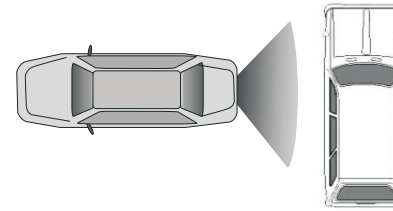In radio mode, press this button to hear radio preset;
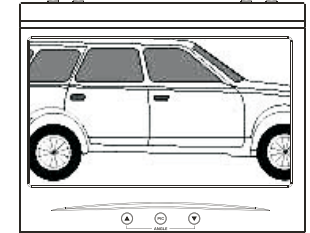In disc playback mode, press this button for to stop playback.

Other Functions

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

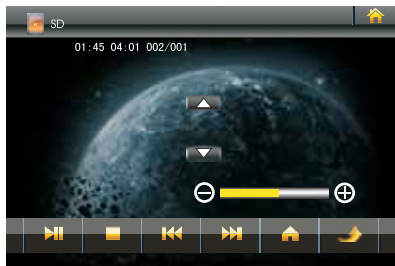Analog on-site backup   Backup rearview

⚠ **Warm:**
Do not rely entirely on CCD, plese 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 drive relys entirely on CCD.

- 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. Trouch【 ▶|| 】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 automaticlly.

For the discs have more then 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 betwwn play and pause.

- This function can also be achieved by screen operation

11. Number Button 4/OSD
In radio mode, press this button to hear radio preset;
In disc playback mode, press this button to display the disc location and playing time of the current music.

12.AUX
Insert AUX input cable, then press AUX con enters AUX mode.

13.USB
Insert USB device, the unit will play the files automaticlly.

14.REL
Press the button to release the front panel.

15.IR
To receive infrared signal from the remote controll.

16.PIC
Press the button to switch between the following video modes:
BRIGHT → HUE → CONT → SHARP
Work with [VOL] knob to setup relative parameters.

17.▲ ▼
Press the button to adjust the angle of screen.

18.⏏
When there is a disc in the unit, press the button to eject the disc.

19. MUTE
Press the button to highlight the liquid screen; long press the button for 1 second or longer to close the screen. When the screen is highlighted, press the button to close volume output; repress it to return volume level to its previous status.

20.OPEN
Press the button to open/close the screen.

21. RESET
If the unit or its connected device does not work normally, use prong object to press the button. After the unit restart, the setup returns to its previous status.
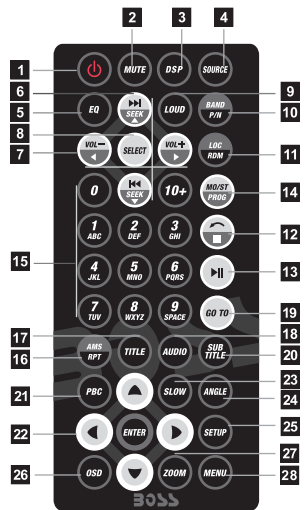
22.SD
Insert SD/MMC card, the unit will play the files automaticlly.

23.Disc Loading Slot
Window for the disc's in/out.

REMOTE CONTROL FUNCTION

1. POWER
Press once to switch on, press again to switch off.

2. MUTE button
Press once to turn off audio output, press again to resume volume level.

3. DSP
Press this button to show the time.

4. SOURCE
Short press the button to switch the mode.

5.EQ
Press the button to select different sound effect mode.

6.SEEK▼▲ ◄◄ ►►
In playback mode, short press the button to access previous track/next track; long press it to speed forward/backward play. In radio mode, short press this button can search station manually; long press it to scan radio station manually.

7.VOL
Press this button to increase/decrease volume level.

8.SEL
Press this button repeatedly to choose sound feature.

9.LOUD
Press to turn on/off LOUD function.

10.BAND/P/N
In radio mode, press it to switch band. In playback mode, press it to choose AUTO, PAL OR NTSC system.

11.LOC/RDM
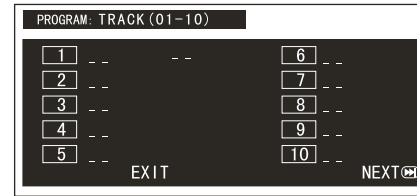In radio mode, press the button to switch between remote and local. In playback mode, press it to random play.

12.STOP
Press it once to pause, press it twice to stop.

13.►‖
Press to switch between play and pause; in stop status, press it to play.

14.ST/PROG
In radio mode, press this button to select stereo or mono station. In playback mode, work with number button to access programmed play.

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 contro 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 has 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 menue. All titles in the disc are displayed. Use up/down/left/right button or number button on the control to choose prefered 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 automaticlly 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 sequenc:

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 automaticlly. 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 【 ▶Ⅱ 】 button on the control can continue to play; press【■/⌒】 twice to completely stop, then press 【 ▶Ⅱ 】 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 ½ → slow 1/3→ slow 1/4 → play

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

Slow frontward ½→slow frontward 1/4→slow frontward 1/8→ slow frontward 1/16→ Play

Slow backward½ →slow backward 1/4 → slow backward 1/8→ slow backward 1/16→play

- • This function can only be achived by remote control

Image ZoomIn/Out

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

2→3→4→½→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 favorate songs by progremmed play. Press [PROG] button on the remote control and the screen displays program-edit menu as below:

15.0-10+

In radio mode, press the button to select pre-stored station; long press the button 1-6) to save current frequency in the pre-stored station. In playback mode, press number button can directly choose song and chapter.

16.AMS/RPT

In radio mode, press the button to browse memorized stations; in playback mode, press it to choose repeated play.

17.TITLE

In DVD mode, press the button to back to the top layer menu of the disc.

18.AUDIO

In DVD mode, press the button to switch dialogue language. In VCD mode, press it to choose left/right track and stereo.

19.GOTO

In play mode, after pressing this button, you can use number button to choose songs or timely play.

20.SUB-T

In DVD mode, press the button to change subtitle language.

21.PBC

In VCD mode, press this button to display song menu, work with number button to select songs. In DVD menu, press the button to back to the root menu

22. ▲▼ ◀ ▶ ENTER

In DVD mode, press the button to move the cursor up, down, left and right to choose item in setup menu, confirm the item with ENTER button.

23.SLOW

In play mode, press the button to slow forward play.

24.ANGLE

In DVD mode, press the button to change recorded angle of the program.

25.SETUP

In play mode, press the button to switch among setup items.

26.OSD

Press the button to display the title, chapter, play time and left time.

27.ZOOM

During the play of VCD/DVD, press the button to zoom in the image as below: 2X→3X→4X→½→1/3→1/4→OFF
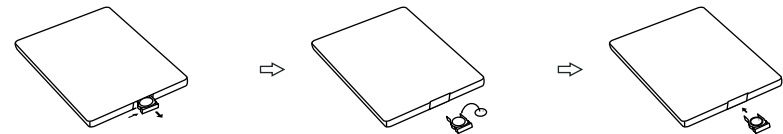
28.MENU

Press the button to switch between the main Interface and current mode.

Change the Battery

When the remote control becomes to control a shorter distance or not work, please change with a new battery. Please confirm polarity before change.

- • Press the plug, at the same time pull out the battery. ⇨ • Put the battery in the battery holder. ⇨ • Insert the battery holderinto the remote controller.

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 or longer, 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 automaticlly. Next time put ignition switch in ACC or ON place, the unit will turn on automaticlly.

• 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 →Trebel→ Balance →Fader →Bright → Hue→Contrast →Shart → Volume

- After choose the mode, you can use [VOR] 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. Forground

Touch[FRONT] to enter the foreground main interface.

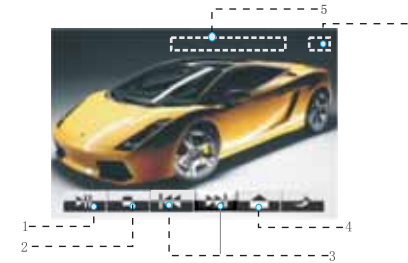Touch each icon to access responding functions.

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.

Multifunction Operation

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

1. ▶❚❚

Play/Pause

2. ■

Stop play

3. ◀◀ ▶▶❙

Previous track/Next track

4. 🏠

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

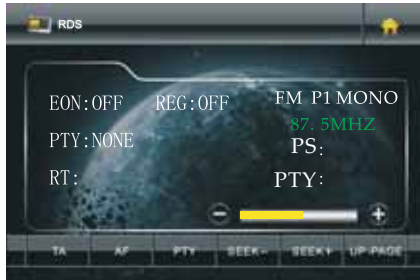Touch the top right corner on the screen to exit DVD play mode.

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【◀】buton on the remote control backs to the previous menu.

Touch X icon or[SETUP] button on the control to exit system setup menu.

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

RDS Function Operation

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

Additional Information
RDS datas contain 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 automaticlly 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 automaticlly 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 radioed can it be received, after the traffic radio is completed, it automaticlly switches to the previous mode.
3. Repress TA button to close TA function. In other modes, the traffic announcement can automaticlly swich 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 automaticlly search the radio of set program type.

3. EON
 ON: Open EON functon and the radio will receive another AF chart.
OFF: Close REG function.

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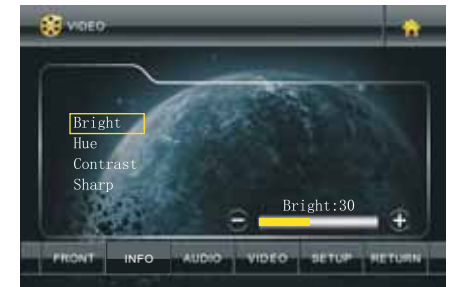OFF: Close REG function.

5. SEEK-\SEEK+
Short press the button to manually search a station upforward/downforward; long press it to automaticlly search station upforward/downforward.

● When the unit works at AUX mode, you cannot achive 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.

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.

Local Area
To select radio area of your country on the interface.

Reverse Vol
To set the reverse volume : 00,15,20,25

BlueT Vol
To set the bluetooth volume : 20,25,30,35

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

SW Control
To set function for the steering wheel.

Clock Adjust

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

Touch ⇩ ⇩ to adjust hour, minute and second.

Touch Adust

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

X<-press it

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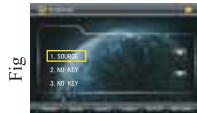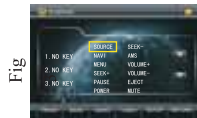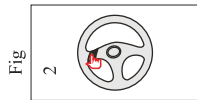
6. Return

Touch [RETURN] Iicon 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.

Fig

Fig 2

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Radio Function Operation

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

87. 5M	90. 00M FM P1 MONO
98. 00M	106.00M 87.5MHZ EQ:OFF
108. 00M	87.50M LOUD:OFF

BAND LOC AMS SEEK- SEEK+ DN PADE

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 swich band.

3.LOC

Ttouch 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 automaticlly.

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 toadjust station frequency manually, long press it to browse station upforward/downforward automaticlly.

8.DN-PAGE

Touch the button to switch to RDS operation interface.
(For detailed information please refer to "RDS Function Operation")

Band Switch

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

Fm1→Fm2→Fm3→Nw1→Nw2

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

Manually/Automaticlly 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 seach 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 favorate 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 favorate program and need to stop browsing.

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

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