OWNER's MANUAL
Mobile Video System

CAR DVD/VCD/CD/MP3/MPEG4/TV PLAYER
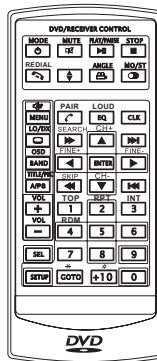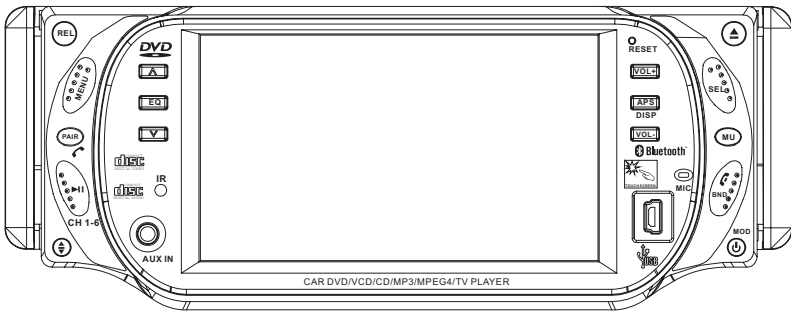
- **Motorized Slide Down And Detachable Panel**
- **4.3 Inch Wide Color Touch Screen Monitor**
- **CAR DVD/VCD/CD/MP3 Player With Bluetooth**
- **AM/FM Digital PLL Tuning Radio**
- **MPEG4 Player**
- **USB Connect**
- **TV Tuner**

Bluetooth™

Contents

Precautions

THANK YOU FOR PURCHASING THIS CAR DVD PLAYER .

Before operating the unit, read this manual thoroughly and keep it handy for future reference .

To avoid injury or accident , read the following precautions before installing and operating the unit .

ON INSTALLATION
- DO NOT install any receiver in locations where;
  - it may obstruct the steering wheel and gearshift lever operations, as this may result in a traffic accident.
  - it may obstruct the operation of safety devices such as air bags, as this may result in a fatal accident.
  - it may obstruct visibility.
- DO NOT operate any receiver while manipulating the steering wheel, as this may result in a traffic accident.
- The driver must not watch the monitor while driving.
- IF THE DRIVER watches the monitor while driving, it may lead to carelessness and cause an accident.
- IF YOU NEED to operate the receive while driving, be sure to look ahead carefully or you may be involved in a traffic accident.
- IF THE PARKING BRAKE is not engaged." ParkingBrake" flashes on the monitor, and no playback picture will be shown.
  - This warning appears only when the parking brake wire is connected to the parking brake system built in the car (refer to the electric connection)

ABOUT THE LIQUID CRYSTAL DISPLAY (LCD) PANEL

Do not press on the LCD panel on the unit as doing so can distort the picture or cause a malfunction . The picture may become unclear , or the LCD panel may be damaged .

NOTES ON CLEANING

-Clean the LCD panel with a slightly damp soft cloth.

-Do not use solvents such as benzine, thinner, commercially available cleaners or antistatic spray .

−Do not use alcohol to clean the screen .

If your car was parked in a cold or hot place, the picture may not be clear . The monitor is not damaged . The picture will become clear the temperature in your car becomes normal .

Safety Information

CAUTION:

THIS DVD PLAYER IS A CLASS I LASER PRODUCT. HOWEVER THIS DVD PLAYER USES A VISIBLE/INVISIBLE LASER BEAM WHICH COULD CAUSE . HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE DVD PLAYER CORRECTLY AS INSTRUCTED.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, AND ANNOYING INTERFERENCE, USE ONLY THE RECOMMENDED ACCESSORIES.

THIS DEVICE IS INTENDED FOR CONTINUOUS OPERATION.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. Patents and other intellectual property rights owned by Macrovision Corporation and other rights owners.Use of this copyright protection technology must be authorized by Macro vision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

REGION MANAGEMENT INFORMATION:

This DVD Player is designed and manufactured to respond to the Region Management Information that is recorded on a DVD disc. If the Region number described on the DVD disc does not correspond to the Region number of this DVD Player, this DVD Player cannot play this disc.

Safety Information

FCC Information

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.

Federal Communications Commission (FCC) Statement

This Equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

Tested to comply with FCC standard. FOR HOME OR OFFICE USE.

Warning :
This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. & This device and its antenna(s) must not be co-located or conjunction with any other antenna or transmitter.

Disc Notes

Disc formats supported by this player

DVD	DVD	Audio and Video Disc size 12 cm
VCD	COMPACT disc DIGITAL VIDEO	Audio and Video Disc size 12 cm
CD	COMPACT disc DIGITAL AUDIO	Audio Disc size 12 cm
MP3	MP3	Audio Disc size 12 cm

Discs which cannot be played with this player
- DVD-ROM
- DVD-RAM
- CDV
- CD-G

Handling and Cleaning
- Dirt, dust, scratches and warping disc will cause misoperation.
- Do not place stickers or make scratches on discs.
- Do not warp discs.
- A disc should always be kept in its case when not in use to prevent from damaging.
- Do not place discs in the following places:
  1. Direct sunlight
  2. Dirty, dusty and damp areas
  3. Near car heaters
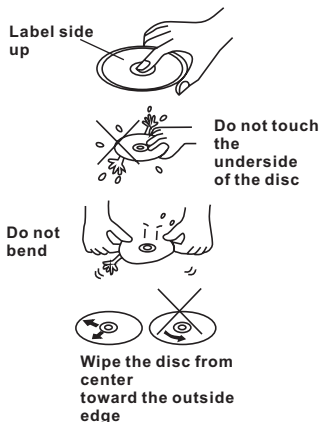 4. On the seats or dashboard

Disc Cleaning
Use a dry soft cloth to wipe the surface. If the disc is quite dirty, use a soft cloth slightly moistured with isopropyl (rubbing) alcohol. Never use solvents such as benzine, thinner or conventional record cleaners as they may mar the surface of the disc.

Note:
A disc may become somewhat scratched (although not enough to make it unusable) depending on your handle it and conditions in the usage environment. Note these scratches are not an indication of any problem with the player.

Label side up

Do not touch the underside of the disc

Do not bend

Wipe the disc from center toward the outside edge

Preparing New Discs with Rough Spots
A new disc may have rough edges on its inside and outside edges. If a disc with rough edges is used, the proper setting will not be performed and the player will not play the disc. Therefore, remove the rough edges in advance by using a ball point pen or pencil as shown on the right. To remove the rough edges, press the side of the pen or pencil against the inside and outside edges of the disc.

Rough spots on outside edge

Ball point pen or pencil

Rough spots on inside edge

5
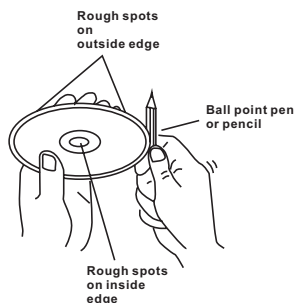
Installation

NOTES:

Choose the mounting location where the unit will not interfere with the normal driving function of the driver.

Before finally installing the unit, connect the wiring temporarily and make sure it is all connected up properly and the unit and the system work properly.

Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.

Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.

Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop, like an emergency stop.

If installation angle exceeds 30 from horizontal, the unit might not give its optimum performance.

30
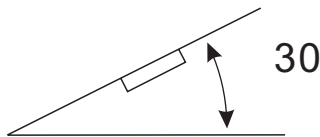
Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air, from the heater, or where it would be subject to dust, dirt or excessive vibration.

DIN FRONT/REAR-MOUNT

This unit can be properly installed either from "Front"(conventional DIN Front-mount) or "Rear"(DIN Rear-mount installation, utilizing threaded screw holes at the sides of the unit chassis). For details, refer to the following illustrated installation methods.

INSTALLATION

DASH BOARD

HEX NUT

METAL MOUNTING
STRAP

SPRING WASHER

PLAIN WASHER

TAPPING SCREW

CONSOLE

SLIDE BRACKET
HOUSING

HEX BOLT

KEY PLATE

PLASTIC COVER
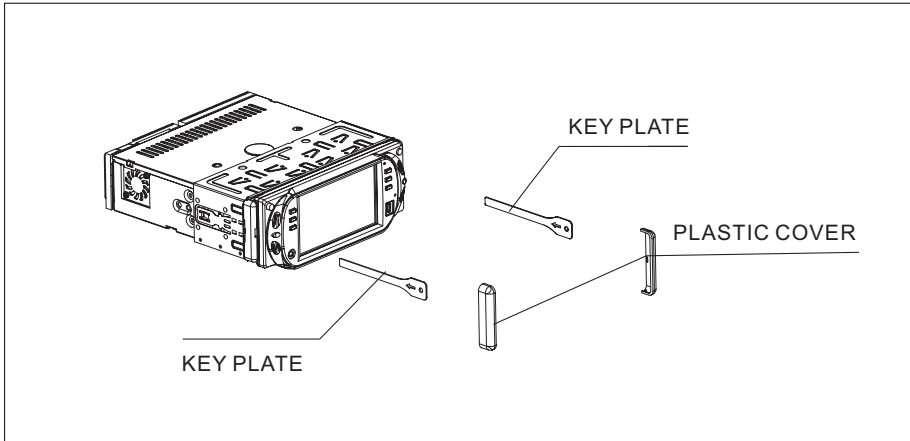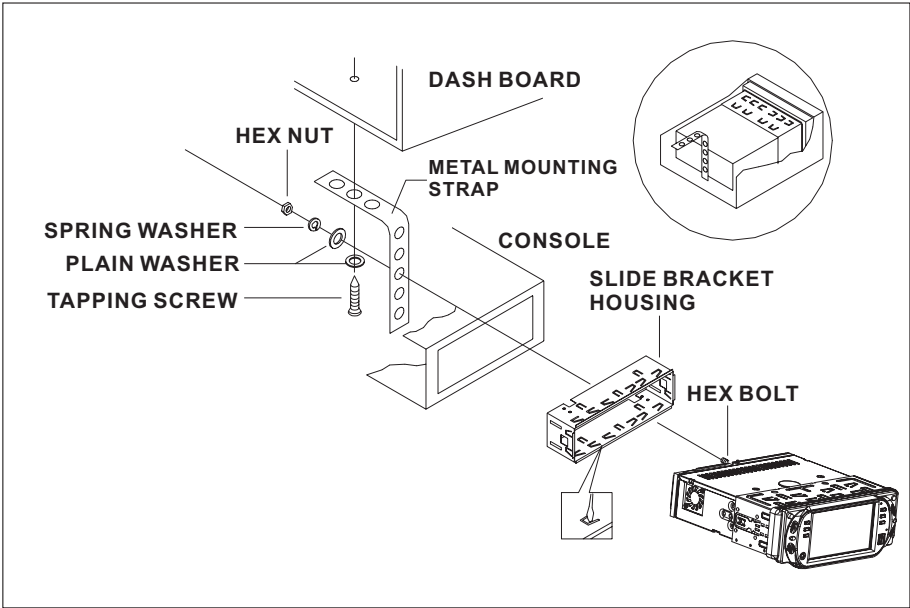
KEY PLATE

If you want to take CHASSIS out of the SLIDE BRACKET HOUSING,
first remove the PLASTIC COVER of the both sides away, then insert
 the two KEY PLATE into left and right side of chassis as above illustration.

Installation

How To Remove And Install The Front Panel

When detaching or attaching the control panel, be careful not to damage the
connectors on the back of the control panel and on the panel holder.

Detaching The Front Panel

Before detaching the control panel, be sure to turn off the power.
1). Press the release button and the left hand side of the front panel will release.
   (FIG. 1)
2). Pull-off the front panel (FIG. 2) and keep the front panel into the case (FIG. 3)

Attaching The Front Panel

1). First insert the right hand side of the front panel into the hollow of the unit .
2). Gently push the left hand side of the front panel until you feel a " Click" .
   and then press the PWR button (2) briefly to switch the device ON.

FRONT PANEL

FRONT PANEL

RELEASE BUTTON
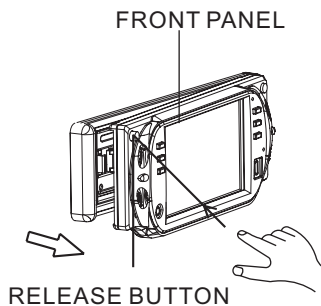
FIG.1
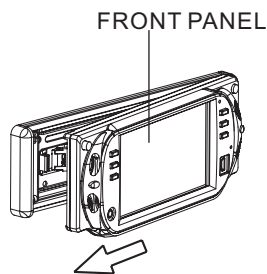
FIG.2

PROTECTIVE CASE
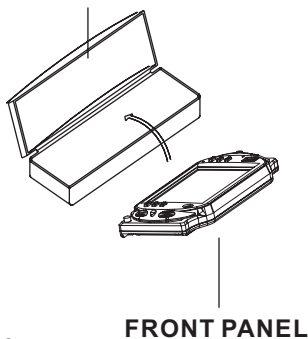
Attaching The Front Panel

FRONT PANEL

FIG.3
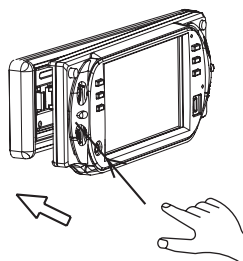
FIG.4

Panel Angle Adjustment

CHANGING THE CONTROL PANEL ANGLE

When you want to change the viewing angle of the operating unit to play, you can press the ⬍ (angle)button repeatedly to select the desired angle as follows:

Angle 1

Angle 2

Angle 4

Angle 3
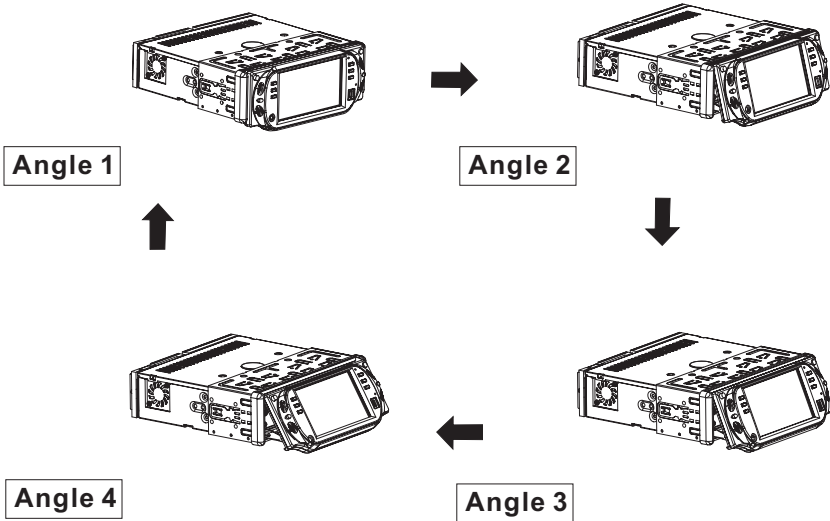
Caution:
Do not insert your finger behind the control panel.

Electric Connection

WIRING CONNECTION
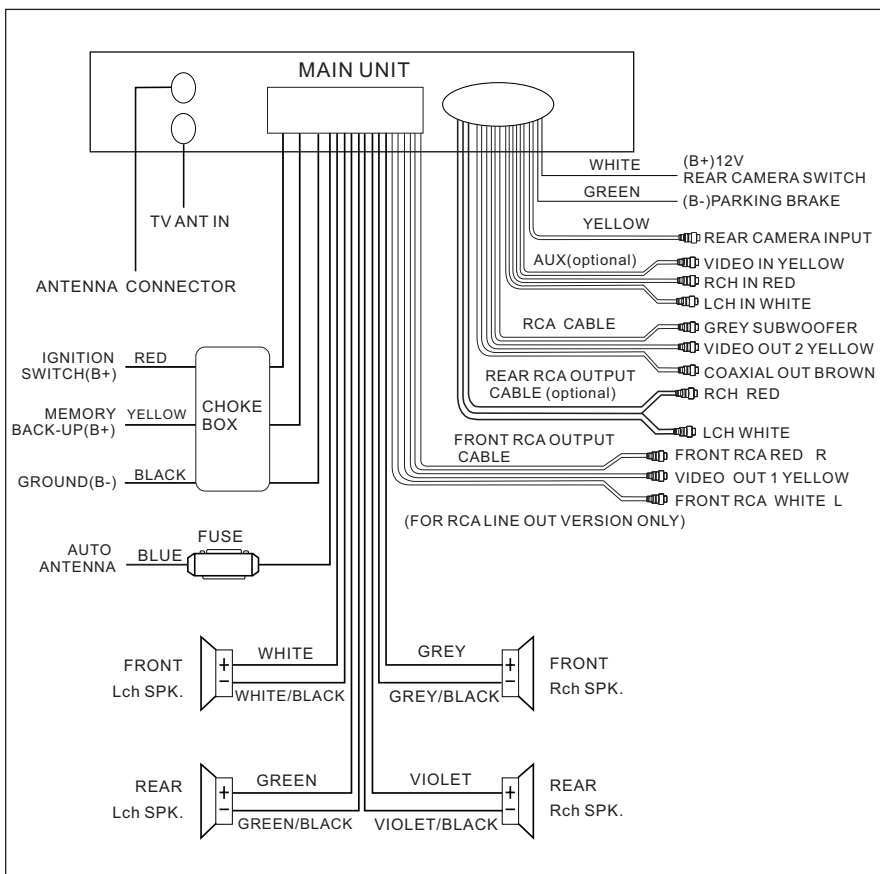
Note:
the earth connection cable (parking brake B-) must be connected in order for DVD pictures to be played back to the monitor. If the cable has not been correctly connected, the message "PARKING BRAKE" appears on the monitor.

Remote Control
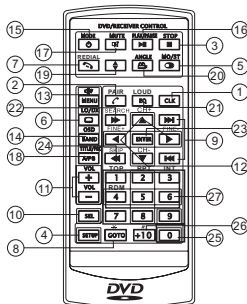
1.CLK   Press it briefly to show / hide the clock, press longer to set the time.
2.PAIR/⌒   Press it to use the Bluetooth function , refer to the page 33 .
3.STOP   Press it to stop playback, press PLAY/PAUSE to resume playback .
4.SETUP   Press it to open the SETUP menu.
5.MO/ST(AUDIO)   In radio mode, press it to select STEREO or MONO mode (In disc
                           mode, press it to changing of the AUDIO soundtrack on multiaudio
                           soundtrack dvd disc. Changing of the sound mode of the VCD/CD disc.)

6. SUBTITLE   Changing of the SUBTITLE language on multi-subtitle language
   LO/DX DVD disc. In radio mode,.Press this button for distance reception when
                           you are located at weak signal location, depress it for stronger signal.
**7. REDIAL/ ⌒**   Press this button to use the Bluetooth function, refer to the page 33.
8.GOTO/✳   Press this button to begin playback at a moment in the program you
                           designate. Use the number buttons to enter the data that is needed.
                           In Bluetooth menu, it serves as the ✳ button on your mobile handset.
9. ◄◄ / ►►   Press ►► to skip to the next track & press ◄◄ to skip back one track.
                           (Note:In DVD mode, press continually the ◄◄ twice to skip back one track.)
10.SEL   Press this button repeatedly to cycle through the various audio and video
                           adjustments you can make: Volume, Bass, Treble, Balance, Fader, Color,
                           BG Color, Brightness, Contrast ,Tint and Bluetooth .
11. VOL+/VOL-   Press it to adjust volume level
12. ▲ /▼/►/◄   Use these buttons to navigate the various menus present in the product.
                           In TV mode, press ► /◄ to fine tune. Press the ▲ / ▼ to select channel
                           upward and downward.
13.MENU   Press it to display the root menu of the DVD disc. Press it longer to switch
   SUB WOOFER the Subwoofer ON and OFF.
14.BAND(OSD)   In Radio mode, press this button repeatedly to switch between the five
                           radio bands, In Disc Playback modes, Press this button to see information
                           about the disc currently in play.
15. ⏻ /MOD   Press this button to turn the unit ON , press and hold to turn the unit OFF.
                           Press it briefly to select the TV, Disc, Radio , AUX In ,BT Music mode.
16.PLAY/PAUSE   In Disc Playback mode, press to pause playback. Press again to start
                           where playback stopped.
17.MUTE   Press this button to turn off the audio. Press again to restore the sound
                           to its prior volume level.
18.TITLE/PBC   Display the TITLE menu that is stored in DVD disc changing between
   (A/P) PBC ON and PBC OFF on the VCD disc.(Auto store and preset scan
                           function in radio stations .)
19. ⬍   Press it to adjust the screen viewing angle. (See page 8.)
20.ANGLE   Changing of the view angle on multi-angle DVD disc.
21.EQ/LOUD   Press it to turn to equalization function. In radio mode, when reduce the
                           volume to half level, press it to enhance the bass effect.
22.SEARCH ►►   In TV mode, Press it to search TV channel automatically.
                           In DISC mode, Press it to start forward rapidly.
23.ENTER   Confirm the Track/Chapter selected with the number key or selected with
                           the cursor buttons on TV screen.

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Remote Control

|		
24.SKIP ◄◄	In TV mode, press it to ADD and DELETE channel .	
	In DISC mode, press it to reverse rapidly	
25. 0 - 9	These buttons are used for numeric entry in many different menus.	
26.+10/ #	Tens digit select button, cooperatively used with numeric buttons.	
	In Bluetooth menu, it serves as the # button on your mobile handset.	
27. RADIO PRESET	Six preset memory buttons.	

Preparing the Remote Control

Inserting the Batteries

1. First push to inside as the direction indicated by the arrow (See ❶)And then Remove the battery holder as the direction indicated by the arrow (See ❷).
2. Replace the battery Set a new battery property with (+)side up as illustrated (See ❸).
3. Insert the battery holder. Push in the holder to the original position(See ❹).

Using the Remote Control

Face the remote control towards the player front face IR mark (remote control signal receiver).

Operation angle: About ± 30 degree in each the direction of the front of the IR mark.
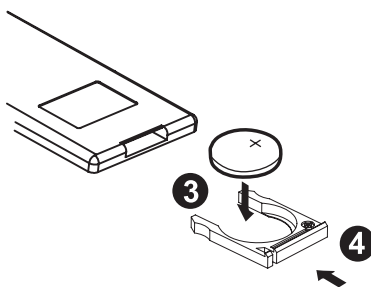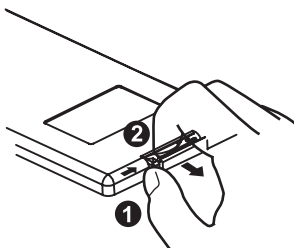
Control Panel

Key Functions

Touch Panel
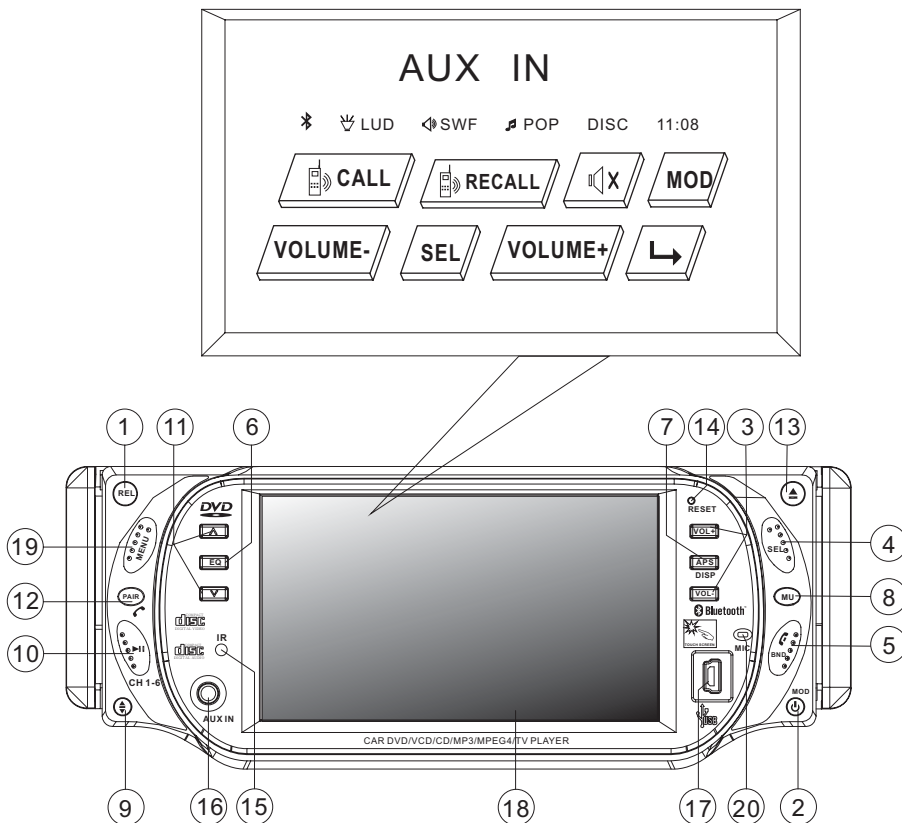
Touch Screen Key :

1. 📱 **CALL** : Answer a call

2. 📱 **RECALL** : Reject a call

3. 🔇✕ : mute function

4.MOD : select input mode
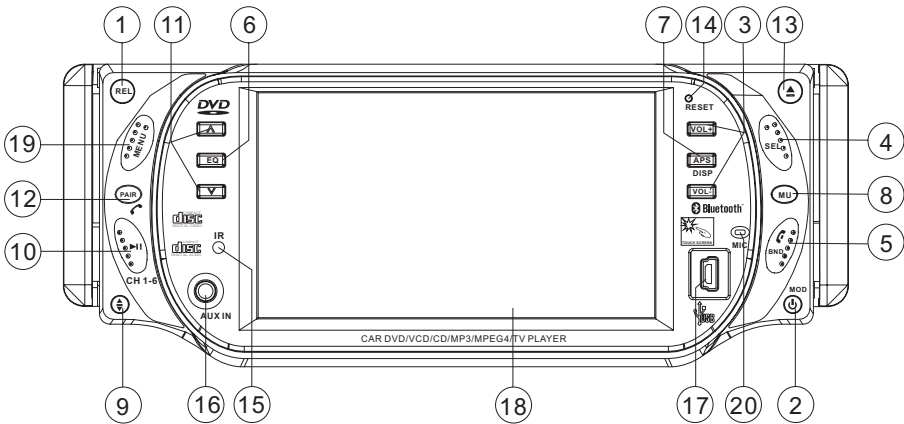
5. ↳ : Previous

6.Volume+ : volume adjustment (+)

7.SEL : select the menu of the Sound/Picture

8.Volume- : volume adjustment (-)

Control Panel

Unit Keys :

CAR DVD/VCD/CD/MP3/MPEG4/TV PLAYER

1.REL BUTTON
Press this button to release the front panel for removal . Refer to see page 7.

2. ⏻ (POWER On/Off)/MOD BUTTON
Press it to switch the device ON, press and hold (approximately 2 seconds) to switch the device OFF . During the playback mode, you can press it to select an input mode by pressing repeatedly until proper one is found:

TV >AUX IN > RADIO > DISC > BT MUSIC

If you are in USB playback mode and want to select the DISC mode, press the STOP button and then press the GOTO button.

3.VOL+/ VOL- knob
In normal mode, this knob is used to increase or decrease the volume. It is also used as an UP/DOWN knob when audio or video settings are being adjusted when accessed using the SELECT button.

4.SELECT KNOB
To access the available adjustment settings for audio and video, press this knob repeatedly to cycle through and select them:

→Volume → Bass → Treble →Balance → Fader

Tint ← Contrast ← Bright ← Color ← BG Color ←
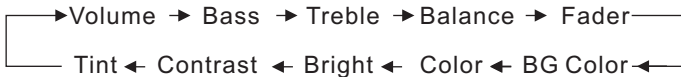
5. BAND/ ✆ BUTTON
In Radio mode, press it repeatedly to select the desired radio band: FM1, FM2, FM3, AM1(MW1), AM2(MW2) .
In Bluetooth menu, you can press this button to use the Bluetooth funtion, please refer to see page 33.

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Basic Operation

6. EQ BUTTON
Press the EQ button briefly to turn to equalization function and to select desired audio mode. There are five kinds of mode as below:

JAZZ → CLAS → POP → ROCK → FLAT

7. APS/DISP BUTTON

Automatic Memory Function:
In Radio mode, press the APS/DISP button for about 2 seconds to active automatic station storage. The radio searches within the current frequency band, e.g. FM1, for the strongest station are then allocated to the corresponding storage locations. Then the station of the first storage location is set.
If you would like to search for more stations in the FM band, press the BND button(5) in order to change to the FM2 or FM3 band. Press it again for about 2 seconds to continue search.

Program Scan Function:
In Radio mode, press the APS/DISP button to scan and play briefly all the preset sations in order, and it will hold at each band for about 5 seconds . If you like one of them, press the PLAY/PAUSE button to stop the scanning .

Display ON/OFF Function:
In Disc mode, press the APS/DISP button to turn off the display image (the monitor on the unit only) , the sound will stay on. (Swing it again to resume the playback picture mode.)
In Radio mode, You can press SEL button briefly to select the "BG COLOR" by repeatedly pressing the SEL button, then press the VOL+/- to select the background color among of the "AUTO, BG COLOR: 01........BG COLOR: 11", in " AUTO" mode, the monitor of unit will change the background color automatically.

TV System Select
In TV mode, press the SEL knob briefly to select the TV standards by repeatedly pressing the SEL knob , you can use the VOL+/- knob to select among "PAL-BG", "PAL-DK", "PAL-I", "PAL-M" , "PAL-N", "NTSC", "SECAM-BG", "SECAM-DK" .

8. MU BUTTON
Press it button to switch the MUTE or NOT .

9. ⬍ (ANGLE)BUTTON
you can change the viewing angle of the operating unit . Press this button up to four times in order to select the desired position.

10. ▶❚❚ /CH 1-6 (RADIO PRESET) BUTTON
a). In Disc Playback Mode
    Press this button to pause playback, press it again to resume playback.
b). In Radio Mode
   Press this button repeatedly to preset station.

Control Panel

11. ⋁ / ⋀ BUTTONS (TUNE, SEEK, TRACK, SKIP UP/DOWN)

a) In DISC, USB mode:

if you wish to jump forwards or backwards press the ⋀ or ⋁ button briefly
(Note: during the DVD playback , press the ⋁ button continually twice to skip
back one track during playback.)
To wind through the tracks pressed and hold the ⋁ or ⋀ button for about 2
seconds. FF X2 appears in the display. Operating the ⋁ or ⋀ button again,
the speed of rapid forward/reverse changes according to the disc
as follow: (Note:For some VCD 2.0 dics(PBC-playback control), ⋁ and ⋀
buttons may be unavailable.)

DVD/VCD/CD/MP3:   ┌─Normal Playback 2x ➤ 4x ➤ 8x ➤ 16x ─┐
                    └──────────◄───────────────────────────┘
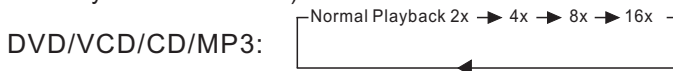
b) In Radio Mode:

press the ⋁ or ⋀ button briefly to set a radio station manually. pressed and
hold for about 2 seconds to start the search for a radio station automatically.

12.PAIR/ ⌒ BUTTON

In Bluetooth menu, press this button to use the Bluetooth function, how to use it ,
please refer to see page 33.

13. ⏏ (EJECT) button

Press it button to eject the DISC or insert the DISC to start play .

14. RESET button

Press this button can return to the original setup .

15. IR sensor

16. AUX Input Jack

For information about connecting a AUX device, please see page 24 .

17. USB PORT

For information about connecting a USB device, please see page 34.

18. TFT Display (liquid crystal display)

The operation of the TFT, please see page 17.

19. MENU BUTTON

Press it to display the root menu of the DVD/VCD(Only when PBC not in use) disc.

20. MIC (microphone)

Microphone position .

Basic Operation

POWER On/Off

Press it to switch the device ON, press and hold about 2 seconds to switch the device OFF.

Ejecting The Disc

Use your finger touch the ⏏ range on touch screen , the control panel of the unit will swing downwards . Then you can insert the disc or eject the disc . (You can also press the ⏏ button on the front panel to eject the disc or insert the disc to start play .)
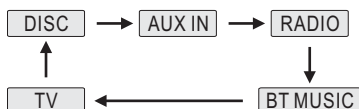
Select Sources

Touch repeatedly the MOD section on the screen, the signals will display in the screen as follow :

DISC → AUX IN → RADIO

TV ← BT MUSIC

Volume Adjusting

Volume button

A

Press the VOL+/- on the front panel to

Increase/decrease the volume level .

B

Press the VOL+/- on remote control ,

to change the volume level .

Touch screen

VOLUME+

Touch the screen the VOLUME+ to increase the volume level .

VOLUME-

Touch the screen the VOLUME- to decrease the volume level .

Mute Function

Use your finger touch the ◁x section , it will mute the sound but the disc continues playing. Touch it again to resume .

Setting The Clock

CLK

Touch the CLK section on the screen and hold for about 2 seconds the hour will flash , press the VOL+/- to adjust . Touch it again, the minute will flash, then use the VOL+/- to adjust .

Setting The Buzzer ON/OFF

SEL

Touch the SEL section on the touch screen to select the BUZZER item, and then touch the VOL+/- (or press the vol+/vol-) to switch the BUZZER ON/OFF .
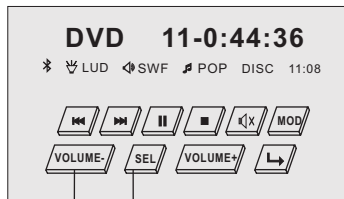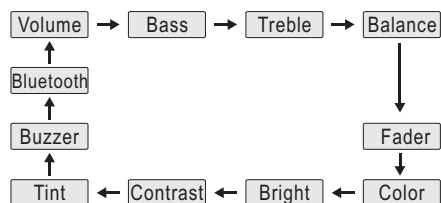
Setting Blue-tooth ON/OFF

SEL

Touch the SEL section on the touch screen to select the Blue-tooth item, and then touch the VOL+/- (or press the vol+/-) to switch the Blue-tooth ON/OFF .

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Basic Operation

TFT Monitor Adjustment

SEL 👆 During DISC playback, use your finger to touch briefly the SEL section on the screen (or press SEL button on front panel) to access the Picture mode selection menu, by repeatedly touch the SEL section, and then touch the VOL+/- (or press the VOL+/-) to adjust the selected mode .
(The corresponding value will show on the monitor)

Volume → Bass → Treble → Balance
↑   ↓
Bluetooth
↑
Buzzer   Fader
↑   ↓
Tint ← Contrast ← Bright ← Color

DVD   11-0:44:36
✴ �™LUD ◁SWF ♪POP DISC 11:08

[◄◄] [►►] [❚❚] [■] [◁x] [MOD]
[VOLUME-] [SEL] [VOLUME+] [↵]

touch to select

touch to adjust

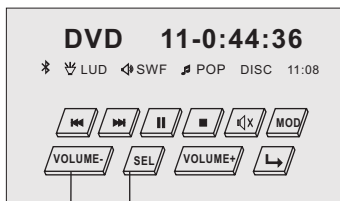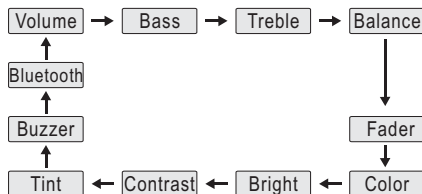### ADJUSTABLE ITEMS:
COLOR: 0 to 32
Adjust the color for the picture-lighter or darker.
BRIGHT: 0 to 32
Adjust if the picture is too bright or too dark.
CONTRAST: 0 to 32
Adjust the contrast of the bright and dark portion.
TINT: 0 to 32
Adjust the tint if the human skin color is unnatural.
-Adjustable when "NTSC " is selected for "NTSC/PAL " .

Rear View Camera
When connecting the rear view camera. the mirror image of the rear view through the rear view camera is automatically displayed on the monitor when you change the gear to the back position.
(The monitor on the unit only.)

Audio Quality Adjustment

SEL 👆 During DISC playback, use your finger touch briefly the SEL section on the screen (or press SEL button on the front panel) to across the Sound mode selection menu, by repeatedly touch the SEL section, and then touch the vol+/- (or press the vol+/-) to adjust the selected mode . (The corresponding value will show on the monitor)

Volume → Bass → Treble → Balance
↑   ↓
Bluetooth
↑
Buzzer   Fader
↑   ↓
Tint ← Contrast ← Bright ← Color

DVD   11-0:44:36
✴ ☙LUD ◁SWF ♪POP DISC 11:08

[◄◄] [►►] [❚❚] [■] [◁x] [MOD]
[VOLUME-] [SEL] [VOLUME+] [↵]

touch to select

touch to adjust

It`s depend on your habit to setup the data .

ADJUSTABLE ITEMS:
Volume: 0 to 32
Adjust volume level by using VOL + / - .
Bass: -14 to +14
Adjust bass level by using VOL + / - .
Treble: -14 to +14
Adjust treble level by using VOL + / - .

Basic Operation

Balance: R 0-10 to L 0-10 .
Adjust sound balance between left
and right speakers by using VOL + / - .
Fader: F 0−10 to R 0 -10 .
Adjust sound balance between front and
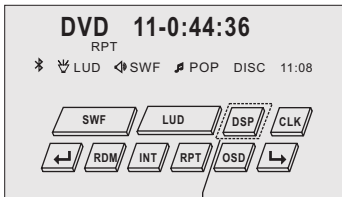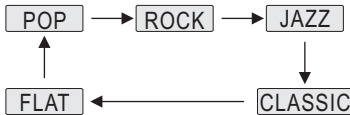rear speakers by using VOL + / VOL - .

Setting Audio Modes

Touch the screen the DSP range
(or press the EQ/LOUD button
on the remote) to select one of
the preset sound modes .

 (Rock/Pop/Jazz/Classic/Flat) .
The information will display in the
monitor as follow :

touch to select

It`s depend on your habit to select the Audio mode .

Reset Factory Settings

RESET button is placed on the housing
and must be activated with either a
ballpoint pen or thin metal object.
The RESET button is to be activated for
the following reasons:

A. Initial installation of the unit when
   all wiring is completed.
B. All the function buttons do not operate.
C. Error symbol on the display.

RESET
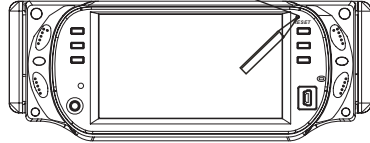
NOTE:
 If RESET is selected, all memory data
 will deleted, please re-adjust .

Scroll Caption Adjustment

In Radio mode:
You can adjust your desired scroll
caption , the method of the operation
as follow:

a). Press and hold the SETUP button
    (for about 2 seconds) on the remote
    control, the adjustment scroll bar
    will display on the screen .

b). Use the VOL+/- to select among of
    the "A, B, C ....X, Y, Z, and blank ",
    and use the $\mathbb{V}$ / $\mathbb{A}$ button on the
    front panel to ahead/back (proceed/
    cancel) , and then press the SETUP
    button briefly to confirm .
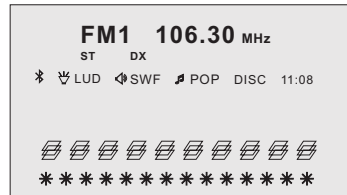
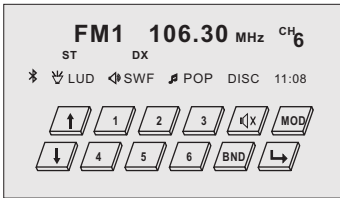(Press it button longer again to renew .)

Radio Operation

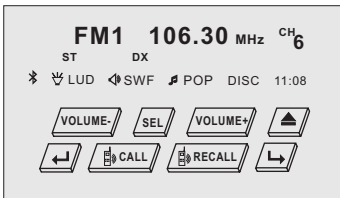## Listening to the Radio

Switching To Radio Mode

MOD Touch the MOD range repeatedly on the touch screen to select the RADIO mode. (You can also press repeatedly the ⏻ / MOD button to select the RADIO .)
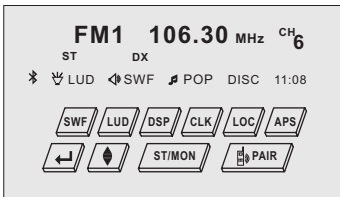
the following information will appears on the display :

```
FM1  106.30 MHz  CH6
ST      DX
⊛ ♨ LUD ◁SWF ♪ POP  DISC  11:08
[↑] [1] [2] [3] [⊄X] [MOD]
[↓] [4] [5] [6] [BND] [↵]
```

↵ Touch it to select the other item .

```
FM1  106.30 MHz  CH6
ST      DX
⊛ ♨ LUD ◁SWF ♪ POP  DISC  11:08
[VOLUME-] [SEL] [VOLUME+] [⏏]
[↵] [CALL] [RECALL] [↵]
```

↵ Touch it to select the other item, it will display the following as below :

```
FM1  106.30 MHz  CH6
ST      DX
⊛ ♨ LUD ◁SWF ♪ POP  DISC  11:08
[SWF] [LUD] [DSP] [CLK] [LOC] [APS]
[↵] [◆] [ST/MON] [PAIR]
```

↵ Touch it to previous .

Selecting The Frequency Band

BND Touch the BND section on the touch screen repeatedly to select the band , screen band will show in turn :

（You can also press the BND on front panel repeatedly to select the band .）

FM1 → FM2 → FM3

AM2(MW2) ← AM1(MW1)

Start Searching For a Station

Manual Search

During Radio mode, press the ⩘ button (or touch the " ↑ " section briefly) to increase frequency by one step of channel spacing .

Press the ⩗ button (or touch the " ↓ " section) briefly to decrease frequency by one step of channel spacing .

Automatic Search

During Radio mode, press and hold (for about 2 seconds) the ⩘ / ⩗ button (or touch the ↑ / ↓ section long) to start search for a radio station automatically .

When an FM stereo broadcast is hard to receive

ST/MON Touch the ST/MON section on touch screen (or press ST/MO button on the remote) to select the MONO or STEREO mode .

（When Stereo mode is activated, the ST symbol will appear .）

Radio Operation

To tune in strong-singnal FM Station only (LO/DX function)

LOC 👆 Touch the LOC section on the touch screen (or press LO/DX button on the remote) to select the LOCAL or DX mode .

（You can choose between the LOCAL and DX(DISTANCE) mode for local or long-distance traffic news .）

Storing Stations In Memory

Setting Memory

Press the ▶❙/CH 1-6 button repeatedly on the front panel to preset stations at radio mode .（Or touch the screen the 1-6 sections）

FM1   106.30 MHz   CH6
ST   DX
❊ ☡LUD ◁SWF ♪POP DISC 11:08
[↑][1][2][3][◁×][MOD]
[↓][4][5][6][BND][↪]
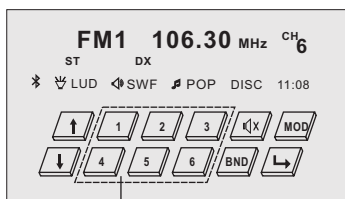
Touch to preset station

With this system, a total of 30 stations can be stored in the memory of six buttons. Each band stores up to six preset stations. The stations might be FM1, FM2, FM3, AM1(MW1), and AM2(MW2) band.
The operation is as below :
-Store in Memory
   Touch and keep the 1-6 sections (or press and hold the ▶❙/CH 1-6) for about 2 seconds, the current listening station will be stored into the number location .
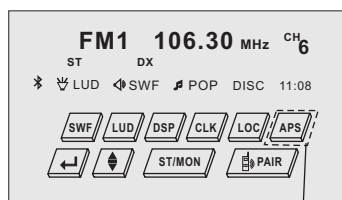-Retrieve a preset station
 Touch the 1-6 sections briefly (or press the ▶❙/CH1-6 button repeatedly) to retrieve a station which had been stored in the memory in advance the chose number is shown on display .

Automatic Memory Storing & Program Scanning

↪ 👆 Touch it to select the other item, it will display the following as below :

FM1   106.30 MHz   CH6
ST   DX
❊ ☡LUD ◁SWF ♪POP DISC 11:08
[SWF][LUD][DSP][CLK][LOC][APS]
[↪][↕][ST/MON][📼PAIR]

Touch to select

Automatic Preset Setup

APS 👆 In Radio Mode, Touch and keep APS section on the touch screen (or swing and hold the SEL knob in direction of APS/DISP) for about 2 seconds to active automatic station storage. The radio searches within the current frequency band, e.g. FM1, for the stronger signal level until the search cycle has finished . The six strongest stations are then allocated to the corresponding storage locations . Then the station of the first storage location is set .
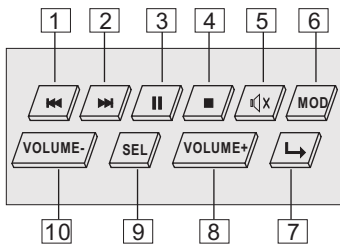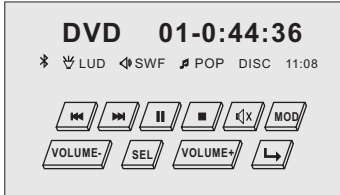
Scan Function

APS 👆 In Radio mode, briefly touch the APS section on the touch screen (or swing the SEL knob briefly in the APS/DISP direction) , the radio briefly plays all the preset stations of the frequency band .
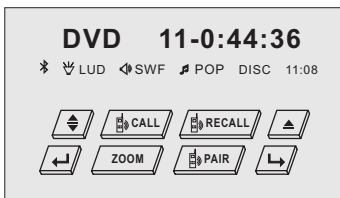
DISC Operation

Basic Operation

During the DISC playback, use the finger touch the touch screen , it display will following as bellow :
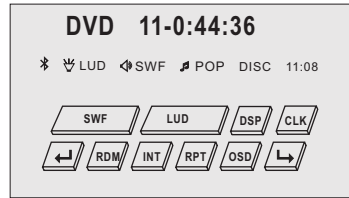
DVD   01-0:44:36
✳ ♨LUD ◁SWF ♪POP DISC 11:08

| ◄◄ | ►►| | II | ■ | ◁x | MOD |
| VOLUME- | | SEL | VOLUME+ | | ↵ |

```
 1    2    3    4    5    6
```

| ◄◄ | ►►| | II | ■ | ◁x | MOD |
| VOLUME- | | SEL | VOLUME+ | | ↵ |

```
10        9    8    7
```

1.Previous   7.To next page
2.Next   8.Volume+(adjustment+)
3.Pause   9.Select
4.Stop   10.Volume-(adjustment-)
5.Mute
6.Mode

↵ Touch it to select the other item, it will display the following as below: (when the parking brake is applied)
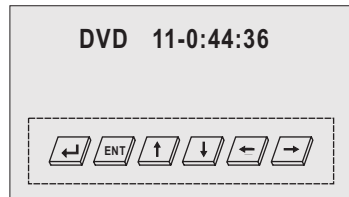
DVD   11-0:44:36
✳ ♨LUD ◁SWF ♪POP DISC 11:08

| ⬍ | CALL | RECALL | ⏏ |
| ↵ | ZOOM | PAIR | ↵ |

↵ Touch it to select the other item .

DVD   11-0:44:36
✳ ♨LUD ◁SWF ♪POP DISC 11:08

| SWF | LUD | DSP | CLK |
| ↵ | RDM | INT | RPT | OSD | ↵ |

↵ Touch it to select the other item .

DVD   11-0:44:36
✳ ♨LUD ◁SWF ♪POP DISC 11:08

| SUBTITLE | AUDIO | SET | ☎ |
| ↵ | GOTO | TITLE | ↵ |

↵ Touch it to select the other item .

DVD   11-0:44:36

| ↵ | ENT | ↑ | ↓ | ← | → |

Above these operation buttons for DVD setup.

↵ Touch it for previous .

DVD   01-0:44:36
✳ ♨LUD ◁SWF ♪POP DISC 11:08

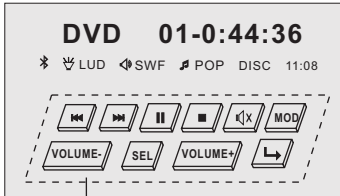| ◄◄ | ►►| | II | ■ | ◁x | MOD |
| VOLUME- | | SEL | VOLUME+ | | ↵ |
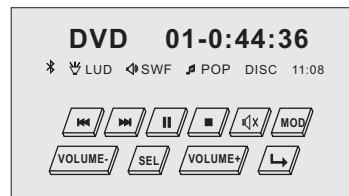
DISC Operation

Switching the DVD mode

 Touch the MOD section on the touch screen (or press MOD button) to select the DISC mode, it display like following :

Function setup
(different the source the display is different)

Stopping Play

 Touch the screen the ■ range (or press the ■ button on remote control .) To stop the unit playback. Touch the ▶ll section or press ▶ll button on front panel to start play.

Pause (still picture)

 Touch the " ll " section on touch screen during playback will stop play temporary, touch it again to return the normal playback .

Rapid Forward/Rapid Reverse

 During DISC playback, Touch and hold (for about 2 seconds)the ▶▶l / l◀◀ section on the touch screen (or press the ∧ / ∨ button on front panel and hold for a more than 2 seconds) the speed of rapid forward/reverse changes according to the disc as follow:

DVD/VCD/CD/MP3:

Normal Playback 2x ➔ 4x ➔ 8x ➔ 16x

Skipping Track

 During DISC playback, Touch the ▶▶l / l◀◀ section on the touch screen to skip to next/back one track. (You can also press the ∧ / ∨ button to skip to next/back track.)

Note :

1. In DVD mode, touch the ◀◀ section continually twice to back one track . (Press the ∨ button continually twice to back one track .)
2. For some VCD2.0 disc (PBC-playback control), above these buttons may be unavailable .

Zoom Function

 Repeatedly touch the section of the ZOOM, the displaying rate can be 2x, 3x, 4x, 1/2, 1/3, 1/4 .

Use the direction keys (▲ / ▼ / ▶ /◀ on remote control or ↑ / ↓ / ← /→ on touch screen) to move the enlarged picture . Note: During the JPEG disc playback , touch the screen of "ZOOM" range , the "zoom 100%" word will display, then you can touch longer (more than 2's) the ▶▶l / ◀◀ section on touch screen (or press the ▶▶ /◀◀ buttons on remote control) to zoom in/zoom out the picture. In zoomed mode, use the direction keys to move the enlarged picture .

Loud Function

 Touch the LUD section on the touch screen to switch the Lound ON or OFF.

Subwoofer Function

 Use your finger touch the SWF section on the screen to turn on the Subwoofer function, touch it again to cancel function .

DISC Operation

Selecting The Play Modes
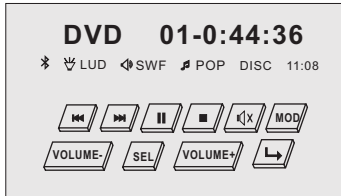
During the Disc playback, touch the touch screen, it will display the following as below :

```
DVD    01-0:44:36
✻ ᳝LUD ◁SWF ♪POP  DISC  11:08
⏮  ⏭  ❙❙  ■  ◁✗  MOD
VOLUME-  SEL  VOLUME+  ↵
```

Touch the ↵ section to select .

```
DVD   11-0:44:36
✻ ᳝LUD ◁SWF ♪POP  DISC  11:08
SWF    LUD    DSP  CLK
↵  RDM  INT  RPT  OSD  ↵
```

1). Repeat Function

FOR DVD :

RPT   Touch the screen the RPT section (or press longer RPT on remote control) to select REPEAT mode as follow :

┌ CHAPTER REPEAT ON → TITLE REPEAT ON ┐
└──────── REPEAT ALL ◄────────┘

FOR VCD/CD/MP3 :

RPT   Touch the screen the RPT section (or press longer RPT on remote control) to select REPEAT mode as follow :

┌ REPEAT ONE ──────► REPEAT ALL ┐
└──────── REPEAT OFF ◄────────┘

1. Continuously repeat at the current chapter/track, when selected REP-ONE mode .
2. Select REP-ALL mode to continuously repeat all chapter/track on the current disc .

2). RDM(RANDOM) Function

RDM   During DISC playback, Touch the RDM section (press the 4/RDM button longer on remote control to play in random. Each playing, the order is different . (depend on the disc used for VCD). Touch it again to cancel this function .

3). INT Function

FOR CD :

INT   Touch the screen the INT section (or long press the 3/INT button on the remote) to play the previous 6 seconds part of each track/chapter on disc.(touch it again to cancel)

FOR VCD :

INT   Touch the screen the INT section (or long press the 3/INT button on the remote).it display will following menu as below :

(touch it again to cancel this mode .)

```
SELECT DIGEST TYPE:
TRACK DIGEST
DISC INTERVAL
TRACK INTERVAL
```
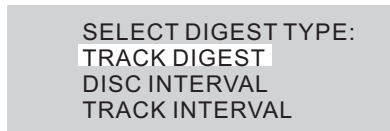
Use the UP, DOWN, LEFT and RIGHT arrows on the remote to select the item, and then press ENTER to confirm .

FOR DVD :

INT   Touch the screen the INT section (or long press the 3/INT button on the remote). it display will following menu as below :
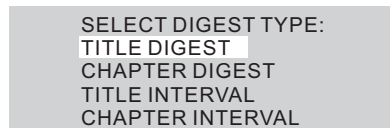
(touch it again to cancel this mode .)

```
SELECT DIGEST TYPE:
TITLE DIGEST
CHAPTER DIGEST
TITLE INTERVAL
CHAPTER INTERVAL
```

Use the UP, DOWN, LEFT and RIGHT arrows on the remote to select the item, and then press ENTER to confirm .
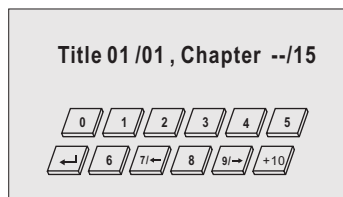
NOTE :
The 3/INT button is not available.

DISC Operation

DISC Search (GOTO)

```
DVD   11-0:44:36

  SWF   POP   DISC     11:08

SUBTITLE    AUDIO     SET
    GOTO       TITLE
```

GOTO Touch the GOTO section , it display will
      following as below :

```
Title 01 /01 , Chapter  --/15

  0    1    2    3    4    5
      6   7/   8   9/  +10
```

FOR DVD :

GOTO Touch the screen the GOTO range
      (or press GOTO on the remote).
      Twice, the screen will display the
      following message :

```
Title 01/01  Time -:--:--
   0:10:36
```
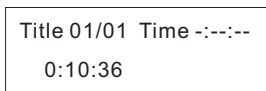
You can select the item you want to
watch through TIME setting by using
numberic buttons . (E.x. 0:10:36)

FOR VCD (With PBC OFF):

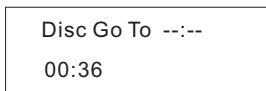GOTO Touch the screen the GOTO range
      (or press GOTO on the remote).
      Once, the screen will display the
      following message :

```
Disc Go To  --:--
   00:36
```

Use the numberic buttons to input the
time directly (E.x. : 00:36)

Note:
Touch and hold the 7/ / 9/   section on
the touch screen , you can select the
title or chapter of DVD . (Only for the
DVD with title /chapter.)

AUX Operation

To connect analogue replay devices.
Use this jack to replay sound of other
replay equipment such as DVD players,
computers, etc. Via the loudspeakers.

AUX Socket

1). Please connect the external device
with stereo jack plug the Aux in socket .

2). Touch the MOD section on screen
or press the MOD button to select the
AUX IN connection. It will display the
following as below :

```
AUX  IN

   LUD   SWF   POP  DISC  11:08

 CALL    RECALL    X    MOD
 VOLUME-    SEL   VOLUME+
```
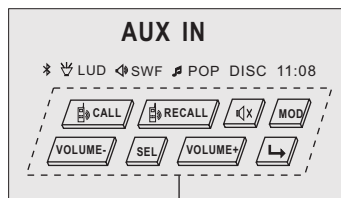
Touch to select

3). You now hear the sound from the
external device played back through
the loudspeakers .

4). Touch the volume+/- sections on
touch screen or press the VOL+/- on
the remote to adjust the volume level.

DISC Operation

ON-SCREEN DISPLAY FUNCTION

During playback, touch the screen the OSD section (or press the OSD on the remote), it will display the following as below :

1. DVD:
A.Touch or Press **OSD** for first time:

```
TITLE ELAPSED

T 01/01  C 01/38    0:02:06
```

Title Number, Total Title Number, Chapter Number, Total Chapter Number of this Title of the disc currently being played will be shown on the screen, along with the elapsed time.
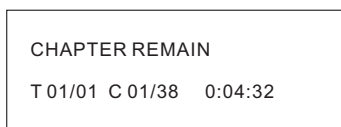
B.Touch or Press **OSD** for second time:

```
TITLE REMAIN

T 01/01  C 01/38    3:24:36
```

C.Touch or Press **OSD** for hird time:

```
CHAPTER ELAPSED

T 01/01  C 01/38    0:02:56
```

D.Touch or Press **OSD** for fourth time:

```
CHAPTER REMAIN

T 01/01  C 01/38    0:04:32
```

E. Touch or Press **OSD** for fifth time: The message on the screen will be cleared.

2.Example for VCD/SVCD/CD:
A.Touch or Press **OSD** for first time:

```
SINGLE ELAPSED

TRACK 01/16          0:00:56
```

B.Touch or Press **OSD** for second time:

```
SINGLE REMAIN

TRACK 01/16          0:05:10
```

C.Touch or Press **OSD** for hird time:

```
TOTAL ELAPSED

TRACK 01/16          0:31:36
```

D.Touch or Press **OSD** for fourth time:

```
TOTAL REMAIN

TRACK 01/16          0:36:26
```

E.Touch or Press **OSD** for the fifth time: The message on the screen will be cleared for SVCD and VCD.

NOTE:
For CD and MP3,the message will always display on the screen.
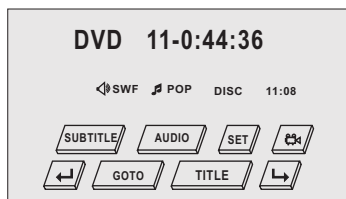
3.Example for MP3:
Each time **OSD** is pressed or touch , the message displayed on screen changes as follows:

```
┌ SINGLE  ELAPSED ──► SINGLE  REMAIN ┐
│                                    │
└──────────────◄─────────────────────┘
```

DISC Special Functions

DVD/VCD Special Function

```
DVD  11-0:44:36

◁)SWF  ♪ POP   DISC   11:08

SUBTITLE   AUDIO   SET   📹
↵   GOTO   TITLE   ↦
```

1. Multi-subtitle Language Function (for DVD Only)

SUBTITLE

☞ During DVD playback. Touch the SUBTITLE section on touch screen(or press the SUBTITLE on the remote) . Each time the button is pressed or touch, number of the subtitle language changes in sequential order.

Notes:
- The language number is different according to the disc.
- Some discs only contain one subtitle language.
- When no different subtitle language are recorded, ⊘ will be displayed at screen left top corner.

2. Multi-Audio Language Function

AUDIO

For DVD:
☞ During DVD playback , touch the AUDIO section on touch screen (or press the AUDIO on the remote .) Each time the button is pressed or touch , number of the audio soundtrack language changes on sequential order.

Notes:
- The language number is different according to the disc.
- Some disc only contain one language soundtrack
- When no different language soundtrack are recorded ⊘ will be display at screen left top corner.

For VCD/CD:
during playback, touch the **AUDIO** section of the touch screen or Press **AUDIO** on the remote . It is possible to switch the sound between monaural and stereo sound.

```
┌ MONO LEFT → MONO RIGHT → MIX-MONO ┐
└────────── STEREO ──────────┘
```

3. Multi-Angle Function (for DVD Only)

📹
☞ During DVD playback, touch the 📹 section or Press ANGLE button on the remote . Each time the button is pressed or touch,number of the angle changes in sequential order.

Notes:
- The angle number is different according to the disc.
- The function only work for disc having scenes recorded at different angles.
- When no different angle are recorded, ⊘ will be displayed at screen left top corner.

4. Title Menu Function

TITLE
☞ **For DVD:**
If the DVD has multiple titles recorded on the disc. It can select preferred title from the title menu to start playback.
- During DVD playback, Touch the **TITLE** section or press TITLE button on the remote .The title menu is display.
- touch the cursor button shown in TV screen, select preferred title by the cursor button and confirmed by touch ENT button .
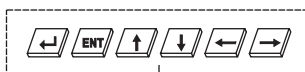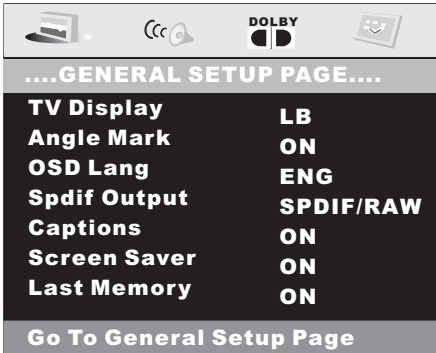
```
↵  ENT  ↑  ↓  ←  →
```
Touch to select

For VCD:
Press **TITLE/PBC** button on the remote control while the disc is playing, you can switch between "PBC on"and "PBC off" mode.
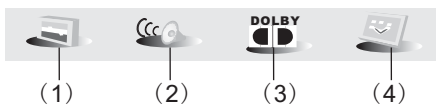
Setup

USING THE MENU

....GENERAL SETUP PAGE....

TV Display	LB
Angle Mark	ON
OSD Lang	ENG
Spdif Output	SPDIF/RAW
Captions	ON
Screen Saver	ON
Last Memory	ON

Go To General Setup Page

1. Touch the SET section of DVD setup on touch screen (or press the SETUP on the remote .)
2.The SETUP menu is displayed.
3.Select the preferred item by touch the ⬆/⬇/⬅/➡ range on the screen
or by using the ▶ /◄ /▼ / ▲ buttons .
4.Touch the ENT section on screen or Press ENTER button on remote to confirm .

The Following Buttons For Entering
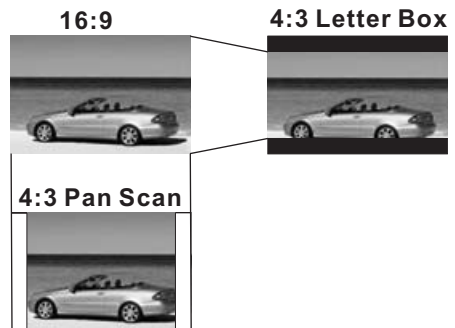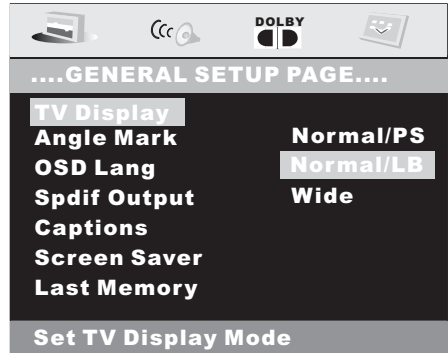The Selection .

Previous Enter Up Down Left Right
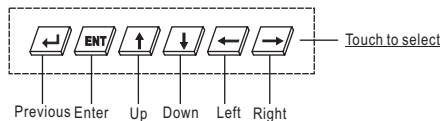
The buttons of the left and right are for selection of setting type .
The buttons of the up and down are for selection of the setting program .

Overview Of The Main Menu

（1）   （2）   （3）   （4）

(1).General Settings
(2).Speaker Settings
(3).DOLBY Digital Settings
(4).Preference Settings

GENERAL SETUP
TV Setting

....GENERAL SETUP PAGE....

TV Display	Normal/PS
Angle Mark	Normal/LB
OSD Lang	Wide
Spdif Output	
Captions	
Screen Saver	
Last Memory	

Set TV Display Mode

16:9   **4:3 Letter Box**

4:3 Pan Scan

1.TV DISPLAY SETUP

This is to select the appropriate TV aspect (4:3 or 16:9) according to the connected TV set.
Normal/PS (For 4:3 TV)
Played back in the PAN & SCAN style. (If connected to wide-screen TV, the left and right edges are cut off.)
Normal/LB (For 4:3 TV)
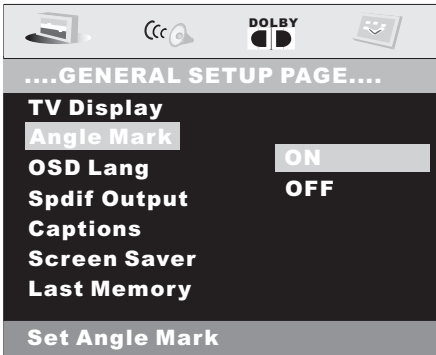Played back in LETTER BOX style. (If connected to wide-screen TV, black bands appear at top and bottom of the screen.)
Wide (For 16:9 TV)
Select when a wide-screen TV set is connected.

Setup

GENERAL SETUP

....GENERAL SETUP PAGE....

TV Display
Angle Mark
OSD Lang   ON
Spdif Output   OFF
Captions
Screen Saver
Last Memory

Set Angle Mark

....GENERAL SETUP PAGE....

TV Display
Angle Mark
OSD Lang   SPDIF/OFF
Spdif Output   SPDIF/RAW
Captions   SPDIF/PCM
Screen Saver
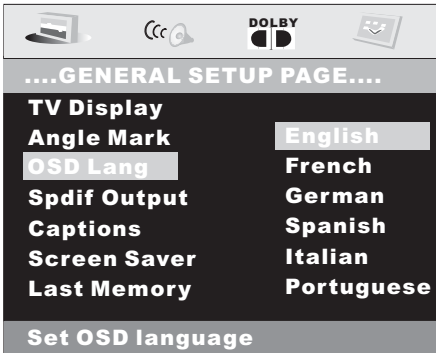Last Memory

Setup SPDIF

2.ANGLE MARK DISPLAY SETUP

If it is set to ON, when the multi-angle
DVD disc is playing, 🎦 (the angle
mark) will appears on the screen; if is
set to OFF, the mark will not appear.
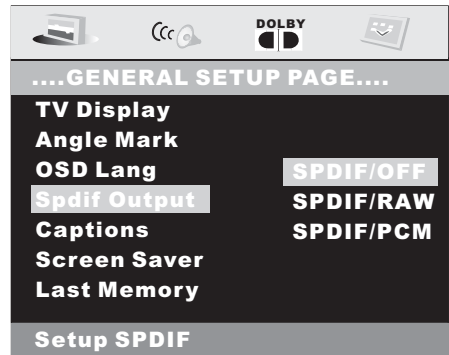
4.SPDIF OUTPUT

This is to activate the audio output
from SPDIF OFF mode to SPDIF/RAW
mode to SPDIF/PCM mode.

LANGUAGE DISPLAYING

....GENERAL SETUP PAGE....

TV Display
Angle Mark
OSD Lang   English
Spdif Output   French
Captions   German
Screen Saver   Spanish
Last Memory   Italian
                  Portuguese

Set OSD language

SUBTITLES HIDING

....GENERAL SETUP PAGE....

TV Display
Angle Mark
OSD Lang   ON
Spdif Output   OFF
Captions
Screen Saver
Last Memory

Closed Caption

3.OSD LANG TYPE SETUP

Touch the ↑ / ↓ section on the touch
screen or press the ▲ / ▼ button on
the remote to select the preferred
OSD language , then touch the ENT
section to confirm .
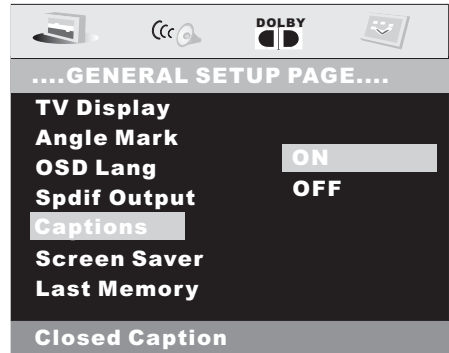
5.CAPTIONS SETUP

Activate the CAPTIONS feature by
selecting ON. And release this feat-
ure by selecting OFF.

Setup

GENERAL SETUP
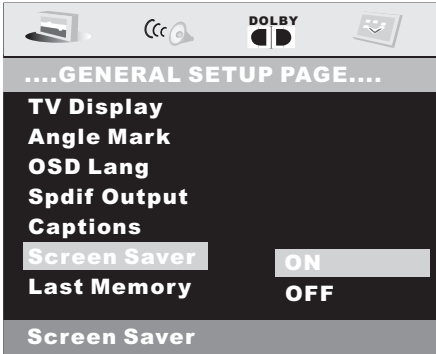
6.SCR SAVER SETUP
Select the SCR SAVER output ON/OFF.

SPEAKER SETUP
.....Speaker Setup Page.....

This is to activate the audio output from DOLBY AC3 5.1 DOWNMIX to 2 channel mode. Select the preferred SPEAKER connection by using the cursor buttons. Select the LT/RT to activate the Dolby surround compatible output.
Select the STEREO to activate simple stereo mode.

DOLBY DIGITAL SETUP
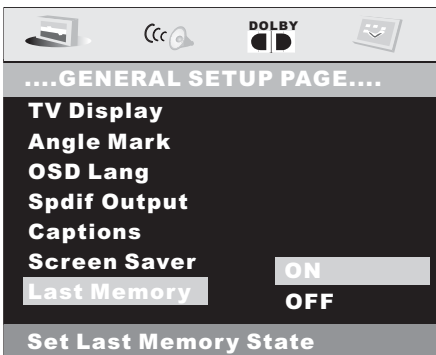
7.LAST MEMORY SETUP
Select the LAST MEMORY output ON/OFF.
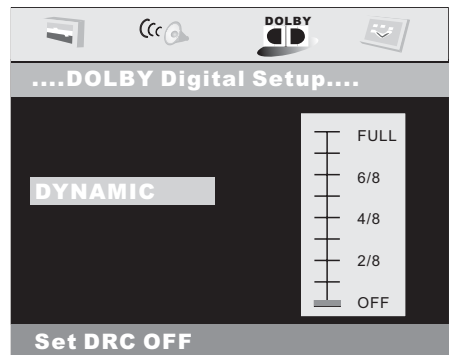
DYNAMIC RANGE CONTROL
Select DRC and adjust the dynamic range of a Doby Digital encoded program. There are 8 steps between full compression and off compression.

Setup

....Preference Page....	
TV Type	
Audio	
Subtitle	PAL
Disc Menu	AUTO
Parental	NTSC
Password	
Default	
Set TV Standard	

....Preference Page....	
TV Type	English
Audio	French
Subtitle	German
Disc Menu	Spanish
Parental	Italian
Password	Portuguese
Default	Off
Preferred Subtitle Language	

1.TV TYPE SETUP

This player can play discs recorded
in either PAL or NTSC format.Select
NTSC format, when you connected to
NTSC TV.Select PAL format, when
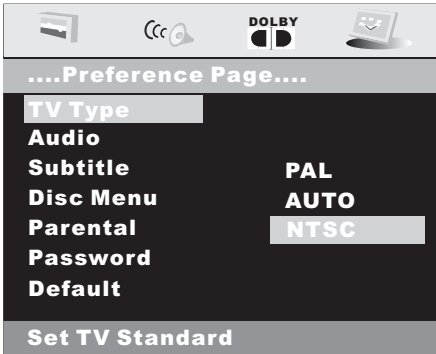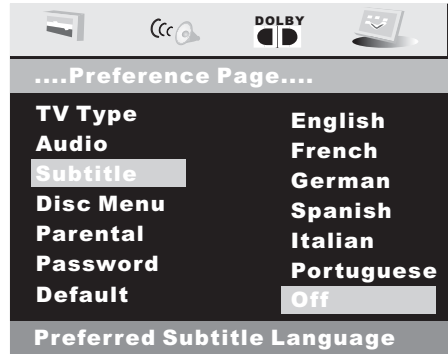you connected to PAL TV.Select AUTO
format, the player TV output format
will according to the DVD disc format..

3.SUBTITLE LANGUAGE SETUP

Select the preferred SUBTITLE
language by using the cursor buttons.

....Preference Page....	
TV Type	
Audio	English
Subtitle	French
Disc Menu	German
Parental	Spanish
Password	Italian
Default	Portuguese
Preferred Audio Language	

....Preference Page....	
TV Type	
Audio	English
Subtitle	French
Disc Menu	German
Parental	Spanish
Password	Italian
Default	Portuguese
Preferred Menu Language	
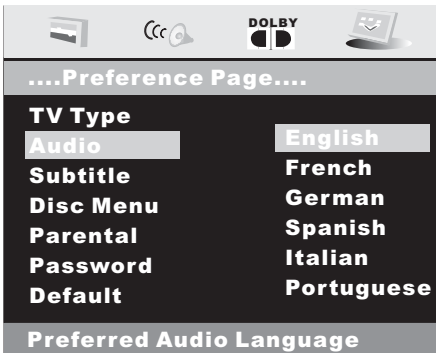
2.AUDIO LANGUAGE SETUP

Select the preferred AUDIO sound-
track by using the cursor buttons.
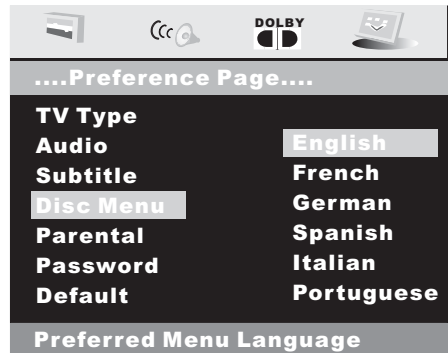
4.DISC MENU LANGUAGE SETUP

Select the preferred DISC MENU
language by using the cursor
buttons.

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Setup

Age control

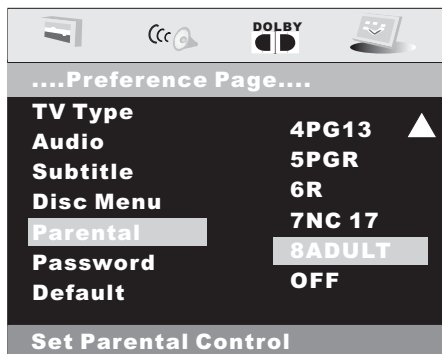|		DOLBY	
....Preference Page....			
TV Type		4PG13 ▲	
Audio		5PGR	
Subtitle		6R	
Disc Menu		7NC 17	
Parental		8ADULT	
Password		OFF	
Default			
Set Parental Control			

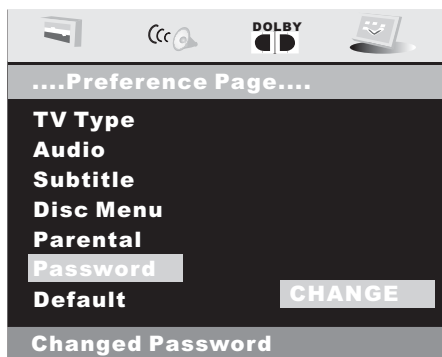|		DOLBY	
....Preference Page....			
TV Type			
Audio			
Subtitle			
Disc Menu			
Parental			
Password			
Default		RESET	
Load Factory Setting			

5.PARENTAL

Select suitable parental guidance by the cursor buttons and conformed by pressing ENTER button.

7.DEFAULTS

Select reset to become factory initial setting.

DEFAULTS TABLE

		DOLBY	
....Preference Page....			
TV Type			
Audio			
Subtitle			
Disc Menu			
Parental			
Password			
Default		CHANGE	
Changed Password			

6.PASSWORD

Select the change and press ENTER button. Type the old password (The initial factory code is **1379**) and key in 4 characters password now you want to use, and retype again to confirm key in correctly.

|		
	TV DISPLAY	NORMAL/LB
	ANGLE MARK	ON
GENERAL SETUP	OSD LANGUAGE	ENGLISH
	SPDIF OUPUT	SPDIF/RAM
	CAPTIONS	ON
	SCR SAVER	ON
	LAST MEMORY	ON
SPEAKER SETUP	DOWNMIX	STEREO
DOLBY DIGITAL	DYNAMIC	OFF
	TV TYPE	AUTO
	AUDIO	ENGLISH
	SUBTITLE	OFF
PREFERENCES	DISC MENU	ENGLISH
	PARENTAL	8 ADULT
	PASSWORD	1379

Bluetooth Operation

Bluetooth Car Kit
User Manual

1. "Pair" To Your Bluetooth Phone

Prior to using the Car Kit for the fist time, you must pair it with a Bluetooth-enabled mobile handset.
The following steps describes pairing the instruction for a typical Bluetooth-enabled mobile handset.

- Touch the touch screen , the touch operation menu will display.
- Touch the ⏏ section to select the item, it will display following as below :

```
DVD    11-0:44:36
 ❋  LUD  SWF  POP  DISC  11:08

 [⇕]  [CALL]  [RECALL]  [⏏]
 [↵]  [ZOOM]  [PAIR]  [↳]
```
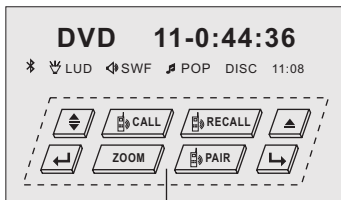
Touch to select

1). Place the Car Kit and mobile handset in 3 meters apart.

2). Put the Car Kit in pairing mode.

a. Press the POWER button to turn ON, the ❋ ICON will flash on the TFT .

b. Touch the [PAIR] section on touch screen (or Press and hold the "PAIR/ ☎ " button on front panel) until the word "BLUETOOTH PAIRING " display, it's now ready for pairing.

3). Set your bluetooth phone to "discover" the Car Kit .
Following your phone's instruction guide for details, active your mobile handset's Bluetooth function, the handset will search for accessible Bluetooth devices.

4). Your phone will find this Car Kit .
Select this Car Kit from the list.

5). Enter passkey **"8888"**, then press "**OK**" to pair the Car Kit and the handset, the word "**PAIR OK**" , will display in the TFT .

6). Select the "**CONNECT**" from the list on the phone, if you connect successfully , the ❋ ICON remains solid on the screen , then you can operate the function of blue-tooth about the unite .

Important:

- If the pairing can not be completed within approximately 2 minutes , whiles the pairing mode is activated, and you will need to reattempt pairing (See steps 2-5 above) .

- After pairing is completed, if the ❋ ICON is stilling flash on the TFT , please follow the steps to to reattempt pairing through your handset until the ❋ ICON remains solid on the screen.

2. Using The Bluetooth Car Kit.

Once connecting is complete, you may access the following function. Some of the below mentioned functions only accessible for handset supported with hands-free profile.

Make a call

Touch the " [CALL] " section on the touch screen (or press and hold the " PAIR/ ☎ " button on front panel or remote control) , the word "DIAL NUMBERS" will display on the TFT . then you can touch the number section on screen (or dial the number on the remote) and then touch the " 📞 " section (or press briefly the "PAIR/ ☎ " button on the front panel .).

- When you dials the wrong number, touch and hold the " 8/ ← " section (or press the " ◄ " button on the remote) to delete it.

Bluetooth Operation

Touch the " 🕾 **CALL** " section on the screen, it will display like the following :

DIAL NUMBERS

| 1 | 2 | 3 | 4 | 5 | 6 |

| ↵ | 7 | 8/← | 9/* | 0/# | 🕾 |

<u>Touch to next</u>

DIAL NUMBERS

🕾 **ACCEPT**   🕾 **REJECT**

VOLUME- VOLUME+ 🔇X ↵
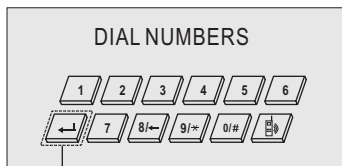
Note: " ✳ " and " # " serves as the " ✳ " and " # " button on your mobile handset .

Answer a call

After you hear the ring tone (the incoming telephone number will display on the TFT LCD) .
Touch the " 🕾 **ACCEPT** "section on the touch screen (or press the "PAIR/ ☎ "button briefly on front panel) to listen .

● During talking, if you want to use your phone to listen, touch the " 🕾 **ACCEPT** " section (or press the "PAIR/ ☎ " button on the front panel .)

End/Reject a call

In Bluetooth menu, touch the " 🕾 **REJECT** " section on screen (or press the " ☏ " button briefly on the front panel or on the remote the TFT LCD display "CALL HOOKED/CALL EJECTED" .

Redial last number

In Bluetooth menu, touch the " 🕾 **RECALL** " and hold for about 2 seconds (or press and hold the " ☏" button(approximately 2 seconds) on the front panel or on the remote the "DIAL LAST CALL/ DIAL OUT NOW " will display on the TFT LCD.

Adjust the Volume

During conversation in progress, tune the Volume switch until you reach the desired volume level.

Play MP3 music

In Bluetooth menu, touch the MOD section on the touch screen (or press MOD to select the "BT MUSIC", you can play the MP3 from your mobile handset.

BT MUSIC

🔵 ♨ LUD 🔊 SWF ♪ POP DISC 11:08

⏮ ⏭ ⏯ ⏹ 🔇X MOD

VOLUME- SEL VOLUME+ ↵
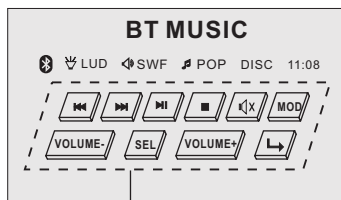
<u>Touch to select</u>

Note:
● please make sure it support the Bluetooth **A2DP** profile.

Note:

● Before using the function of the Bluetooth about the unit , please check your phone's instruction guide or contact phone manufacture if you are not sure if your phone supports the hands-free Bluetooth function .

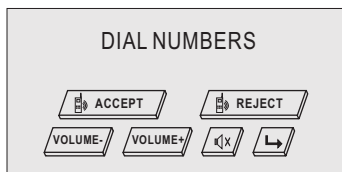● When operating the function of bluetooth about the unit , you need make your call-phone and the unit successfully for one time. Afterwards, you only need to take on the power and the function of blue-tooth will work in three minutes automatically if you want to operate the function of blue-tooth .

● If you want not to use the function of the Blue-tooth about the unit , you can select the Bluetooth OFF .
(The method to see the page 16.)

Other Main Operation

USB Operation (17)

Following the diagram below, connect your USB device to the front panel USB port . If it is properly connected, the device will be mounted and start playing automatically.

USB port

(USB connect line)
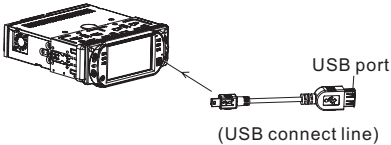
you can also select the desired item of the USB device . The buttons on the remote control, on the device, have the same functions as the touch buttons of this touch screen have .

In USB Playback mode

Use the UP, DOWN, RIGHT or LEFT buttons to navigate to and select files to play, and press ENTER to begin playback (or viewing, in the case of JPEG files). To skip to the next or last track, touch or press the ▶▶ or ◀◀ . Press the ▶▶ or ◀◀ buttons for Fast Forward or Fast Reverse playback. **REPEAT** play modes are also available by repeatedly pushing **REPEAT** until the desired mode is found.

Changing From USB to DISC Playback Modes

If you are in USB Playback mode and wish to begin playback of a disc already in the player, touch the ■ range on the touch screen or press the STOP on the remote once. Then touch GOTO range on the screen or press the GOTO on the remote and the player will switch to DVD/VCD/CD/MP3 Playback mode.

Changing From DISC to USB Playback Modes

If the disc present in the player is an MP3 disc, touch ■ section on screen or press the STOP on remote once then touch or press the GOTO to USB playback.

If the disc present in the player is an DVD or VCD or CD disc, touch ■ on the screen or press STOP twice on the remote then touch GOTO section on the screen or press the GOTO button on the remote to USB playback.

Important Note:

To prevent damage to the USB device, do not remove or disconnect it during playback. it is also a good practice to remove the USB drive during disc playback.

TV Operation

Switching to TV mode

1. Connect the TV antenna to the TV.IN (from Ant) jack on the back of the unit.
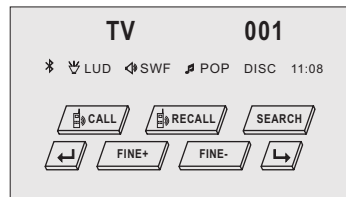
 2. Touch the MOD section on the touch screen (or press the mode button on the remote to select the TV mode.

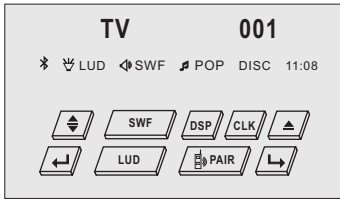The message will display in the monitor as follow :

 Touch it to select the other item .

 Touch it to select the other item .

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Other Main Operation

```
    TV          001
* ♥LUD ◁SWF ♪POP  DISC 11:08

 ⬍    SWF   DSP  CLK  ⏏
 ↵    LUD   📻PAIR  ↦
```

↦ Touch it to select the other item .

```
    TV          001
* ♥LUD ◁SWF ♪POP  DISC 11:08

 0  1  2  3  4  5
 ↵  6  7  8  9  SKIP
```
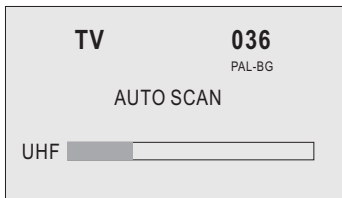
↵ Touch it for previous .

Auto searching TV channels

SEARCH Touch the "search" section on the touch screen (or press the Search button on the remote to star search channel automatically.

It will display the following as below:

```
    TV          036
                PAL-BG
       AUTO SCAN

UHF ▓▓▓▓▓▓░░░░░░░░
```

Selecting channel

↑ Touch " ↑ " section on screen (or Press the " ▲" button on remote) to choose the channel upward

↓ Touch " ↓ " section on screen (or Press the " ▼ " button on remote) to choose the channel downward

- The numeric button (0-9) allow you to select the corresponding channel directly.

Note:
In TV mode, the +10 button is not available.

Fine Tuning

FINE+
FINE- Touch the "fine+/fine- " section on the touch screen (or press ▶ / ◀ button on the remote) to fine tune the current channel .

Channel ADD/DEL

SKIP In TV mode ,after search channel automatically, when you want delete the no sign channel, touch the SKIP section on the touch screen (or press the SKIP button on the remote ,the screen display SKIP),the channel will be deleted. Also, you can touch or press numeric button to select channel, then press SKIP to add channel (the screen display SAVE).

Dub system

Briefly Touch the SEL section on touch screen (or press SEL knob on panel) to select the TV standard by repeatedly touch SEL section.
you can use the VOL+/- to select among of the "PAL-BG, PAL-DK, PAL-I, PAL-M" , "PAL-N", "NTSC", "SECAM-BG" , "SECAM-DK ."
It will display following as below :

```
    TV: PAL-BG
* ♥LUD ◁SWF ♪POP    11:08

 ↑   ↓   SKIP  ◁x  MOD
VOLUME-  SEL  VOLUME+  ↦
```
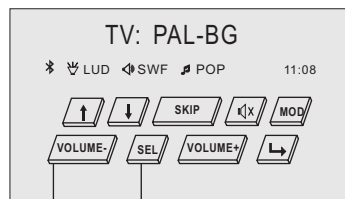
Touch to select

Touch to adjust

Other Main Operation

MP3/WMA/JPEG/MPEG4 DISC PLAY

1.When inserting an MP3/WMA/JPEG/MPEG4 disc.
Ex: When MP3 file is detected.

④ ⑤ ⑥

③ — 00:56   04:07   Repeat one

② — 003/112   ▶

Mp3----K---P--
① Mp3----woman -1
Mp3----new -ton
....

①.Current track(file)(highlighted bar)
②.Current track (file) number/total number of tracks(files) in the current folder.
③.Elapsed playing time of the current track(not available for JPEG disc)
④.total playing time.(not available for JPEG disc)
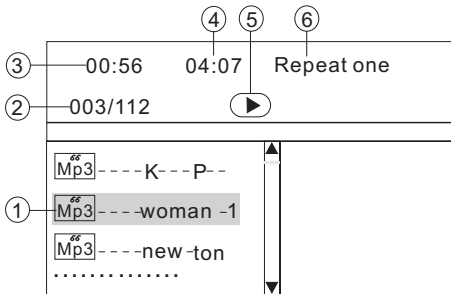⑤.Operation mode icon. ► (Play), ■ (stop),Ⅱ(pause),▶▶(forward) ◀◀(reverse).
⑥.Selected playback mode

Touch the screen, it will display the following as below :
（when the parking brake is applied .）

MP3 01-0:44:36

◁ SWF ♪ POP   DISC   11:08

|◀◀| |▶▶| |Ⅱ| |■| |◁x| |MOD|
|VOLUME-| |SEL| |VOLUME+| |↵|

Touch repeatedly ➡

MP3 01-0:44:36

|↵| |ENT| |↑| |↓| |←| |→|
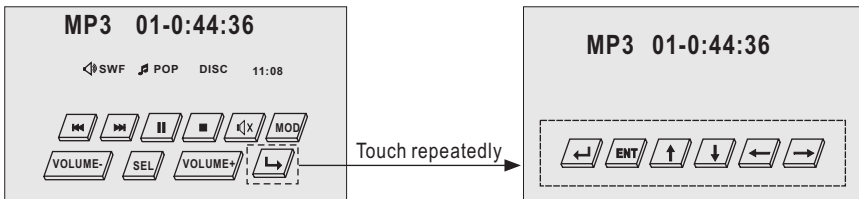
Touch the ↑ / ↓ / ← / → sections on touch screen (or Use ▲/ ▼/ ▶/ ◀ on remote control) to select the item or folder, then touch the ENT section (or press ENTER button on remote) to confirm.

Touch the RPT on the touch screen (or Pressing REPEAT button on the remote) repeatedly can select two kinds of repeat play mode.

REP-ONE:
   Play the same song over and over again.

REP ALL:
   Play all songs in the discover and over again.
   In the playback, touch the ▶▶ or ◀◀ section to skip an item ahead or back.
   In the playback, touch and hold the ▶▶ / ◀◀ sections on touch screen for about 2 seconds to rapid forward/reverse .
   (You can also press the ∧ / ∨ button on the front panel and keep more than 2 seconds or short press ▶▶ /◀◀ on the remote control to rapid forward/reverse.)

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Specification

Supply Voltage:	12V DC (11V-15V)		
Current Consumption:	Less than10 A		
Signal System:	Compositive video 1.0Vp-p 75 Ω		
Discs Played:	(1)DVD-VIDEO Disc		
	5"(12 cm) single-sided, single-layer		
	5"(12 cm) single-sided, double-layer		
	(2)Compact Disc (CD-DA, VIDEO CD)		
	5"(12cm) disc		
Audio Signal Output:	2ch&4ch line out		
Characteristics:	(1)Frequency Response	20 Hz - 20 KHz	
	(2)S/N Ratio	90 dB (JIS)	
	(3)Wow and Flutter	Below measurable limits	

RADIO Section:	For 3 Bands (Europe)	For 2 Bands (Europe)	For 2 Bands (U.S.A.)
	FM	FM	FM
Frequency Coverage:	87.5 to108 MHz	87.5 to108 MHz	87.5 to107.9 MHz
IF:	10.7 MHz	10.7 MHz	10.7 MHz
Sensitivity (S/N = 30 dB):	15 dBu	15 dBu	15dBu
	MW	MW	AM
Frequency Coverage:	522 to1620 KHz	522 to1620 KHz	530 to1710 KHz
IF:	450 KHz	450 KHz	450 KHz
Sensitivity (S/N = 20 dB):	40 dBu	40 dBu	40 dBu
	LW(Optional)		
Frequency Coverage:	144 to290 KHz		
IF:	450 KHz		
Sensitivity (S/N = 20 dB):	45 dBu		

TV Section :

TV System:	NTSC/PAL/SECAM
TV Sensitivity:	45dBμ V @CH25 in average

TFT Monitor:

Monitor Screen Size:	4.3 Inch Wide
Number of Pixels:	480 X 3(RGB) X 272 pixels
Color System:	NTSC/PAL

BLUETOOTH:

Bluetooth specification:	V1.2 Class 2
Bluetooth profile supported:	Headset, Handsfree and A2DP profiles
Range of frequency:	2.4GHz Spectrum

NOTE: Specifications and design are subject to modification, without notice, due to improvements in technology.

Trouble Shooting

Before going through the check list, check wiring connection. If any of the problems persist after check list has been made, consult your nearest service dealer.

SYMPTOM	CAUSE	SOLUTION
No power	The car ignition switch is not on	If the power supply is properly connected to the car accessory terminal,switch the ignition key to "ACC"
	The fuse is blown	Replace the fuse
Disc can not be loaded or ejected	Presence of disc inside the player.	Remove the disc in the player, then put a new one
	Inserting the disc in reverse direction	Insert the compact disc with the label facing upward
	The disc is extremely dirty or defective	Clean the disc or try to play a new one
	Temperature inside the car is too high	Cool off or until the ambient temperature return to normal
Television/video imageappears black-white	The color system is set incorrectly	Please switch to correct color system from menu
No television/video image appears	The unit is not connected to the parking brake detection switch	Make proper connection according to"wire connection"
	The parking brake is not engaged	For safety reasons no television /video images are displayed while the vehicle is moving. Engaging the parking brake will cause images to be displayed.
No color in picture	The disc format is not accordingto the TV-set used (PAL/NTSC)	Please the television mode of the choice accommodation
JPEG disc can not be played back	No JPEG files are recorded on the disc.	Change the disc
	JPEG files are not recorded in a compliant formant	Change the disc Record JPEG files using a compliant application
The operation keys do not work	The built-in microcomputer is not operating properly due to noise	Press the RESET button. Front panel is not properly fixed into its place
The radio does not work	The antenna cable is not connected	Insert the antenna cable firmly
	The signals are too weak	Select a station manually

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