

# **OWNER'S MANUAL**

# SD34MIP



COLORFUL LATTICE LCD SCREEN DISPLAY
FOLD DOWN DETACHABLE PANEL
CAR DVD/VCD/CD/MP3/MPEG-4 PLAYER WITH
USB PORT/I-POD AND AM/FM TUNER

www.lanzar.com

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# Thank you for buying this product.

Please read through these operation instruments so you will know how to operate your model properly. After reading please keep this booklet in safe place for future reference.

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# IMPORTANT SAFEGUARDS

- Be sure to connect the color coded leads according to the diagram.
   Incorrect connections may cause the unit to malfunction or damage
- Be sure to connect the speaker (-) leads to the speaker (-) terminal.
   Never connect the left and right channel speaker cables each other or to the vehicle body.

the vehicle's electrical system.

- Make sure all the connections are completely correct before turning on your unit.
- When replacing the fuse(s), the replacement must be of the same amperage as shown on the fuse holder.
- Do not block vents or radiator panels. Blocking them will cause heat to build up inside and may result in fire.
- 6. After completing the installation and beginning to play the unit(including replacing the battery), please remove the front panel at first, and then press RESET button on the base with pointed object (such as ball-point pen) to set the unit to initial status.

# About this manual

This unit features a number of sophisticated functions ensuring superior operation. All the functions have been designed for the easiest possible use, but many are not self-explanatory. This manual will help you understand the functions and operations of the unit. This manual main explains **remote control operation.** However, in addition to those functions related with DVD/VCD/CD/MP3/MEPG-4/USB operation that can only be operated by the remote control, there are also functions can be operated by the buttons provided for the main unit.

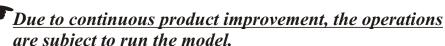
# **Simple Troubleshooting Guide**

The following checklist might help to solve the problems which you meet when using the unit. Please double check and make sure if the connection and the procedure of the operation is properly before using the checklist below.

roblem Cause/Solution	
No power.	<ul> <li>Check and make sure whether the fuse is blown, replace with the proper value if necessary.</li> </ul>
Some errors occur in the LCD or no function when pressing the button.	• Press <b>RESET</b> button.
Unable to receive stations.	Check and make sure whether the antenna is inserted or the antenna is properly connected, if not, insert the antenna or connect it properly.
Poor effect on receiving a station.	Antenna may not be the proper length. Make sure the antenna is fully extended; if broken, replace the antenna with a new one.
	<ul> <li>The antenna is poorly grounded, check and make sure the antenna is properly grounded at its mounting location.</li> </ul>
CDs cannot be loaded.	A CD is loaded in the mechanism.
Sound skips.	The CD is dirty or damaged.
No images.	The Video line from main unit to the TV is not connected properly.
Images skip.	<ul> <li>Improper setting of the color system. Set the color system to "PAL" or "NTSC" according to the connected television.</li> </ul>

Note

If any of the problem persist after check list had been made, consult your nearest service dealer. Never attempt to disassemble your unit by yourself.



Press ② SETUP button, the monitor shows the radio setup menu, you can press ② [▲] [▼][▶][◄] to select your desired item, then press ENTER on the remote control. Press ▲, ▶ or ◄ to select EXIT, then press ENTER to exit the setup.

#### ■ Note:

\* Rotate VOL and briefly press it on the head unit also performs the same function.

### **AREA**



Press ♠ or [▼] to select AREA, then press ENTER, the setting menu appears as follow: Press [♠] [▼] to select your desired item. You can select EUROPE or USA or FM ONLY to search the stations quickly by your current area.

### ■ Note:

\* Russian frequency not this item

### **8** STEREO



Press [▲] or [▼] to select STEREO, then press ENTER, the setting menu appears as follow:

Press [ $\blacktriangle$ ] [ $\blacktriangledown$ ] to turn STEREO on or off then press ENTER.

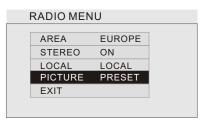
### **& LOCAL**



Press[ $\blacktriangle$ ] or [ $\blacktriangledown$ ] to select LOCAL, then press **ENTER**, the setting menu appears as follow:

Press [▲] [▼] to select your desired item. In this menu to search the LOCAL stations, when selected ON, the strong signal local stations can be received, when selected OFF, the week signal out-of-town stations may be received.

### **Picture**



Press [▲] or [▼] to select PICTURE, then press ENTER, the setting menu appears as follow:

Press [ A ] [ V ] to select your desired item. CAPTURED: the captured picture set for the wallpaper;

PRESET: the initial wallpaper

# **PRECAUTIONS**

This unit can play the following discs only:

Type of disc	Label on the disc	Recorded material	Size of disc
DVD	VIDEO	Sound and moving pictures	12cm
VCD	VIDEO CD DIGITAL VIDEO	Sound and moving pictures	12cm
CD	DISTE DIGITAL AUDIO	Sound only	12cm
MP3	DIGITAL AUDIO MP3	Sound only	12cm
MPEG-4	DIGITAL AUDIO MPEG-4	Sound and moving pictures	12cm
USB	USB	Sound and moving pictures	Version 2.0 and less
NOTE: The unit is compatible with VCD1.0/2.0/3.0 version and DVCD disc.			

 Do not attempt to modify the unit, modifying the unit may cause an accident.

 Stop the vehicle before carrying out any operation that could interfere with your driving.

- Do not work in extremely high or low temperature. Be sure the temperature inside the vehicle is between +60° C and -10° C before turning on your unit.
- To enjoy optimum sound and images while playing, handle the discs as follows:

Handle the disc by its edge to keep the disc clean, and do not touch the surface.

——Do not use your CDs with paste residue or ink attached.



——Do not use CDs with labels or stickers attached, which may leave a sticky residue while beginning to peel off. (Shown as the picture)



—Clean the discs with an optional cleaning cloth. Wipe each disc from the center out. (Shown as the picture)



# **Maintenance**

### **Replacing the Fuse**

Make sure the amperage matches the specified value when replacing the fuses. If the fuse is blown, check the power connection and replace with a new one. If the same problem occurs, it would be subjected to the malfunction. In such cases, please consult to the nearest service dealer.

### **A** Warning

Never use the fuse with the rated amperage more than that supplied to your unit, otherwise it will damage the unit.

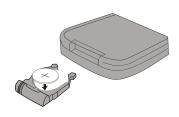
## **Replacing the Battery**

When the range of the operation of the card remote control becomes short or no functions while operating. Replace the lithium battery with a new button cell (CR2025). Make sure the battery polarity before replace.

Gently pull out the Battery Holder while pressing the Stopper.



Put the button-type battery with mark(+) upward into the Battery Holder.



Insert the Battery Holder into the Remote Control.



# Precautions on Using Lithium Battery

Always keep the lithium battery beyond children's reach. In case swallowed, see a doctor immediately.

Cleaning the battery with a dry cloth, to ensure its perfect connected.

Make sure the proper polarity when loading with the battery.

To prevent short circuit, do not use metal tweezer to clip the battery.

# **A** Warning

Improperhandle with the batter may lead to explosion.

It cannot be charged, disassembled or thrown into a fire.

# Scanning/Memorizing Stations Automatically

During radio status, you can press **4** AMS button on the remote control to scan each stored station 5 seconds respectively which stored in **2** Number Buttons (from 1 to 6). You can press the corresponding Number Buttons or AMS button when your desired station is charged. And it starts playing that station.

When press and hold **AMS** button, it will activate automatically memory storing function. The radio automatically selects a station and has it stored in any one of the Number Buttons from 1 to 6.

#### ■ Notes:

- \* Press **AMS** on the head unit also performs the same function.
- The unit can be stored up to 6 stations for each band.
- Regarding the function of Number Buttons, refer to Number Buttons for more information.

### **Number Buttons**

During radio mode, **Number Buttons from 1 to 6 20** can help you store your favorite station. You can follow the steps as below:

When receiving a station, press and hold any one of the Number Buttons until "CH i (i=1~6)" appears on the LCD, which indicates that station is already stored in the corresponding number button.

You can store up to 18 FM stations (6 each for FM1,FM2,FM3),up to 12AM stations (6 each for AM1/MW and AM2/LW).

### ■ Note:

\* This function is only operated by using remote control.

# **Selecting Station Directly**

Press 2 GOTO button, the monitor shows: FR:, input the number to receive the station of this frequencies.

#### ■ Note:

\* This function is only operated by using remote control.

### **Band Selector**

During radio status, repeatedly press **3 BAND** button to select bands in the following order:

$$FM1 \longrightarrow FM2 \longrightarrow FM3$$

$$MW2(AM2) \longleftarrow MW1(AM1) \longleftarrow$$

$$(For Two Bands)$$

$$FM1 \longrightarrow FM2 \longrightarrow FM3$$

$$LW \longleftarrow MW \longleftarrow$$

(For Three Bands)

#### ■ Note:

\* Press ® button on the head unit also performs the same function.

### **Manual/Automatic Tuning**

Manual Tuning: Repeatedly pressing ② ( ◀ or ▶ )button on the remote control continuously to select a station downward or upward respectively.

Automatic Tuning: Press **②** ( ◀ or ▶) button for more than 3 seconds, the radio automatically searches a station downward or upward respectively and plays when it finds a station.

### ■ Note:

\* Press ② button on the head unit also performs the same function.

## **Selecting the Station**

During radio mode, press **②** ▲ to select the upward station, press ▼ to select the downward station.

#### ■ Note:

\* First press AMS on the head unit, and then press ②button on the head unit also performs the same function.

# **DX/LOC Selector**

During radio status, press **SLOC** button on the remote control to select strong or weak station reception.

- 1 It is set to LOC mode when **SLOC** button is first pressed. "LO" appears on the display and only local station is available.
- 2 It is switched to DX mode when S LOC is pressed again. Both distance and local stations can be received.

### ■ Notes:

- \* The initial mode is DX mode.
- \* Press LOC on the head unit or set <u>LOCAL</u> in RADIO MENU also performs the same function.

### MO/ST Selector

During radio status, you can press **6** ST button on the remote control to select **Mono** mode or **Stereo** mode.

- 1 Stereo reception is charged when "ST" appears.
- 2 It is switched to **MONO** mode when "*MO*" appears.

### ■ Note:

\* To set <u>STEREO</u> in RADIO MENU also performs the same function.

## **On-screen display**

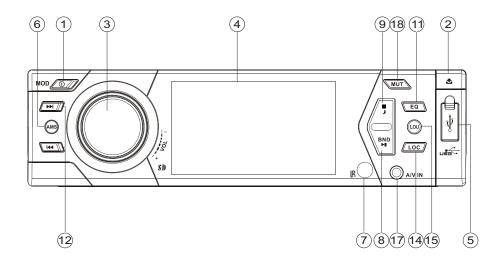
Briefly press **OSD** to show the RDS menu, press and hold it to display the current source information.

#### ■ Note:

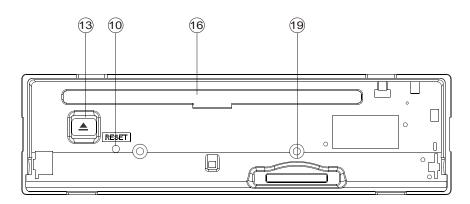
\* This function is operated by using the remote control.

# **Location of the Controls**

#### Front Panel



#### Base



(1) MOD/ 10 button

Press this button to turn on the unit, when the unit on, briefly press it to set mode, hold and press it to turn off.

- ② ▲ (REL) button

  Press to release the front panel.
- (3) VOL button

Rotate (VOL) button clockwise to increase the volume level; and rotate(VOL) button anticlockwise to decrease the volume level. Briefly press it to set the volume characteristics; press and hold it to show the system menu;rotate it to set the item.

- (4) LCD (LIQUID CRYSTAL DISPLAY)
  To display current status.
- (5) USB Socket
- (6) AMS button

During radio mode, briefly press it to adjust the storaged stations; press and hold it to memory stations automatically. First press it, then press > / \* to select stations.

During playback, press it to activate the repeat play function.

- 7 Infrared Sensor
- (S) BND/► (BAND/PAUSE,PLAY) button During radio mode, press it to select different bands. During playback, press it to play or pause play, press and hold to stop play.

- (10) RESET button
  Press to set the unit to initial status.
- (1) EQ button

  Briefly press it to select the different frequency automatically.
- During radio mode, press it to select the stations; during playback mode, press it to select tracks; during IPOD mode press it to select the previous or next 5 tracks
- ▲ EJECT buttonPress it to eject the disc.
- (4) LOC button

  During radio mode, press it to select the distant or local station.
- (5) LOUD(loudness)button

  Briefly press it to activate LOUD function.
- 16 Disc Loading Slot
- 17) A/V In
- (18) MUT button

  Press it to switch the audio between mobile phone and main unit.
- 19 SD Card Socket

#### **Tracks Selector**

Press ▲ to select the previous track, press ▼ to select the next one, then press ENTER to play.

Press **2 GOTO** to display: ---, input the numbers to play the desired track.

#### ■ Note:

\* Press ② button on the head unit also performs the same function.

### **Back to Root Directory**

During IPOD mode, press **4** Root to go back to the root directory.

## **Back to the Previous Directory**

During IPOD mode, press 5 3 to go back to the previous directory.

### **Video or Picture Mode**

During IPOD mode, press Video to select video or audio. Video and picture can be played at this time.

The unit and the remote control can not be operated in this mode, you can just operate IPOD to select video and picture.

### ■ Note:

- \* This function is operated by using remote control only.
- \* The IPOD TV should be set ON in this function.

### **Exit IPOD**

During IPOD mode, to take IPOD out, the main unit will switch to radio mode. During other mode, to take IPOD out, the main unit will keep the original mode.

# Before You Start

# **IPOD** play

During IPOD playback, connect the IPOD wire(5V) to the one in backside of main unit. The unit will play track in IPOD.

## **Playing the Previous/Next Track**

During IPOD playback, press **②** ★ to play the previous track, press **②** ★ to play the next track.

#### ■ Note:

\* This function is operated by using the remote control only.

# **Playing Track F.F/F.REW**

Press ♠ r to play the track fast forward or fast rewind. Press it again or press ENTER to resume to play normally.

#### ■ Note:

\* This function is operated by using the remote control only.

# **Repeat Playing**

During playback, press **® RPT** to track repeat, disc repeat, off. Press it again to cancel this function.

### ■ Note:

\* Pressing AMS on the head unit also performs the same function.

# **Playing Tracks in Random Order**

During IPOD playback, when pressing **PDM** button, *Shuffle off, Shuffle Track, Shuffle Album* will be activated.

### ■ Note:

\* This function is operated by using the remote control only.

### **Pause the Playback**

### ■ Note:

\* Pressing (8) on the head unit also performs the same function.

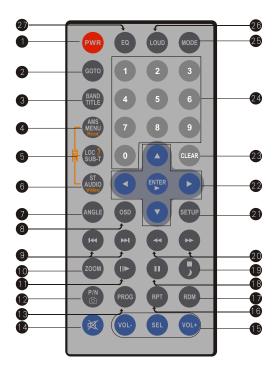
# **On-screen display**

During IPOD playback, hold and press **8 OSD** button to display the current source information.

#### ■ Note:

\* This function is operated by using the remote control.

# **Card Remote Control**



Tips:

For more information as to replacing battery, please refer to **Replacing the Battery** on page  $\underline{6}$ .

- PWR (turn on/off) button
- 2 GOTO(time,track) button
- 3 BAND/TITLE (band selection/ title menu) button
- AMS/MENU/Root (preset stations, memory automatically/menu/back to root directory) button
- **5** LOC/ <sup>3</sup> /SUB-T (long distant or local station in radio mode/ back to last level in IPOD mode/ subtitle display) button
- ST/AUDIO/Video (stereo or mono selection/language or audio switch/ video or audio switch in IPOD) button
- **7** ANGLE (play angle) button
- 8 OSD (current display) button Briefly press it to display the current information; press and hold it to display the current setup.
- ZOOM (briefly press it to zoom in or out/ hold and press it to adjust video display screen) button
- (slow play) button
- 13 PROG (program play) button
- Mute) button
- **(b)** VOL+/VOL-/SEL (volume adjust/sound characteristics setup) button

- **(**B) RPT (repeat play) button
- RDM (play at random) button
- (Play/pause) button
- / ) (Stop play/ To display mode switch) button
- (F.REW/F.F) button
- 2 SETUP (setup) button
- ② 
  √ 

  √ 

  √ 

  ✓/ENTER(Left/Right/Up/Down ENTER)
- **23** CLEAR (clear)button
- 24 0~9 (number) button
- MODE (mode switch) button
- 26 LOUD(loudness) button
- **2** EQ (equalizer) button

### **To Capture Picture**

During MP3/USB/SD mode, when to scan the picture, hold and press [P/N]/ button to capture the current picture, and set it to wallpaper

### ■ Note:

\* This function is operated by using remote control only.

#### **Exit an USB**

During USB mode, the main unit would switch to TUNER mode directly when exit the USB.

During other modes, the main unit will keep the previous mode when exit the USB.

#### Note:

Please fill the rubber installs after exiting USB.

#### **Exit a SD Card**

Push SD card to exit it.
During SD mode, the main unit would switch to TUNER mode directly when exit the SD.

During other modes, the main unit will keep the previous mode when exit the SD.

### **Number Buttons**

During playback, you can select any track directly by using **2** Number Buttons( 0~9). The selected track will be played automatically.

#### ■ Note:

\* This function is operated by using remote control only.

### **Setting the Playback Time**

During CD playback, first press **2 GOTO**. and TFT shows: disc go to:--:-, press your desired time of the playback by using number buttons. Secondly press GOTO button, track go to:--:-- appears on TFT, also input your desired numbers to play the current time of your selection.

During VCD mode, press 2 GOTO button to set the playing time, when the TFT display: track/disc time/track time/repeat/time *disp.* Press  $\mathfrak{D}[A][V]$  to select the options. press ENTER to set the status. Then press 24 NUMBER BUTTONS or **②** [▶][◀] to set the current status.

During MP3/USB/SD mode, press 2 GOTO first to display: ---/all track, input the numbers to play the desired track. Press 2 second: --:-- to adjust the playing time.

During MPEG-4 mode, press GOTO first to display: select:---, input the numbers to play the desired track. Press GOTO secondly: time-:--- to adjust the playing time.

### ■ Note:

\* This function is operated by using remote control only.

## MO/ST Selector

During VCD playing, repeatedly press 6 **AUDIO** button to select the mode as bellow:

Mono left → Mono right → Stereo

### Note:

\* This function is operated by using the remote control.

# **Program Playing**

During VCD/CD mode, press PROG, the TFT displays the program menu. Pressing NUMBER BUTTONS to select the track Number and then press **22** to move the cursor to **START**, press **ENTER** to start program playing; move the cursor to EXIT and press ENTER to exit the program playing. Move the cursor to **M** and press ENTER to the previous page; move the cursor to > and press ENTER to the next page. During this process, press ( ) or PROG to cancel the program playing.

#### ■ Note:

\* The function is only valid on remote control.

### Playing PBC (Menu)

During VCD status, first pressing **3TITLE**. PBC playback starts and the menu of entire disc appears on the monitor. And then you can select your favorite track by using 24 Number Buttons. When a track is playing, you can press **4** MENU button to return to the menu if you would like to end the track and select others. To cancel PBC playing. press **3**TITLE button again.

#### ■ Note:

- \* This function is operated by using the remote
- \* PBC playing confirms to version 2.0 of SVCD/ VCD disc only.

# **Specifications**

### General

Power Requirement 14.4V DC (11-16V allowable) Load Impedance  $4\Omega$ 

Max.Power Output 80W X 4

Tone Controls ±10dB

> Bass 100Hz Treble 10KHz

Dimensions Approx.192 x 178 x 50

mm (d/w/h)

Approx.169 X 182X53 Mounting

mm (d/w/h)Dimensions

Weight Approx.1.75kg

### **FM Tuner Section**

**Tuning Range** 87.5-108(MHz) (Optional) (Europe)

> 87.5-107.9(MHz) (U.S.A.)

65-74(MHz) (Russia)

10.7MHz

IF Range **Usable Sensitivity** 10dBuV

(-30dB)

Signal-to-noise Ratio 60dB

Stereo Separation 30dB (1KHz)

Frequency Response 30-15000Hz

### **AM Tuner Section**

Frequency Range 522-1620(KHz) (Optional) (Europe/Russia)

530-1710 (KHz)

(U.S.A.)

IF Range 450KHz

Usable Sensitivity 35dBuV

(-20dB)

### **CD Player Section**

VCD Signal System PAL/NTSC

Signal-to-noise Ratio 60dB

Separation 55dB(1KHz)

0.1% Distortion

# **DVD Player Section**

Number of channel 2 channels

Frequency Response 5Hz to 20,000Hz

Dynamic Range 98dB

Signal-to-Noise Ratio 60dB

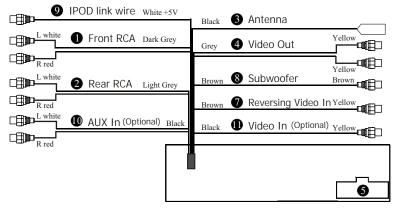
Wow and Flutter Less than

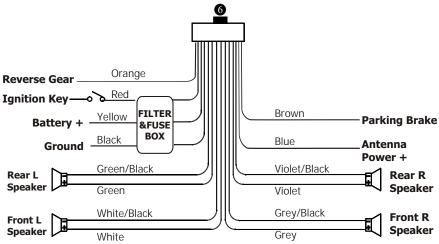
measurable limit

Note:

Due to continuous product improvement, specifications and design are subject to change without prior notice.

# **Wiring Connection**





Reversing Video In

Subwoofer

IPOD link wire

AUX In (Optional)

Video In (Optional)

- Front RCA
- 2 Rear RCA
- 3 Antenna
- 4 Video Out
- 6 Output Plug (Male)
- 6 Output Socket (Female)

# **Pause the Playback**

During playback, press button to pause the playback, Press it again to return to normal playback.

### ■ Note:

\* Briefly press (8) button on the head unit also performs the same function.

# Changing audio language (Multi-audio)

MPEG-4 can provide audio playback with different language. With discs featuring multi-audio recordings, repeatedly press **6 AUDIO** to switch between language and audio systems during playback.

Selection options switch as follows:

AUDIO 1 — AUDIO 2 — AUDIO 3......

### ■ Note:

- \* This function is operated by using the remote control.
- \* This function only operates with MPEG-4 featuring multi-audio recordings.
- \* The number in the "②" mark on a MPEG-4 package indicates the number of recorded languages/audio systems.

### **File Selector**

During MP3/MPEG-4/USB/SD stop mode, press ② to select file or file document. Press ENTER to open it.

### ■ Note:

\* This function is operated by using the remote control.

## **Eject a Disc**

First press ②, then press ③ rianlge button to eject a disc.

### ■ Notes:

\* This function can only be operated by the head unit.

# Slow motion playback

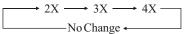


#### ■ Note:

\* This function is operated by using the remote control.

#### **Picture Sizes**

During VCD/MPEG-4 mode, press **10 ZOOM** to increase the picture in size. There are such sizes as following:

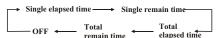


#### ■ Note:

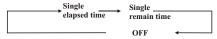
- \* This function is operated by using the remote
- \* To perform this function with the 22 button.

## **On-screen display**

During VCD/CD playback, briefly press **8 OSD**, the monitor shows:



OSD, the monitor shows:



Press and hold this button to display the current source information.

#### ■ Note:

\* This function is operated by using the remote control.

### **Playing Discs/USB/SD**

While playing discs, just insert a disc (with labeled side up) into the (Disc Loading Slot) (Shown as picture), the mechanism will automatically switch on. If a disc is loaded, briefly press MODE button to start the playing.

When playing USB, first unstop the rubber plug, then insert USB in USB socket, the mechanism will automatically play.
When playing SD Card, first press ②REL to release the front panel, then insert a SD card into the slot, the programs in the card will be played.

#### ■ Note:

\* Pressing **MOD** on the head unit also performs the same function.

### **Playing the Previous/Next Track**

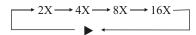
During VCD/CD playback, first press **②** ★ to return to the beginning of the current track, press **②** ★ again within 3 seconds to play previous track, press **③** ★ to play next track.

### ■ Note:

\* Briefly press 12 button on the head unit also performs the same function.

## Playing Track F.F/F.REW

Press ② ► or ◄ to play the track fast forward or fast rewind: Each pressing, will change as following:



#### ■ Note:

\* Press and hold ① button on the head unit also performs the same function.

### **System Button**

During VCD playback, press **P/N** button to select standard TV system as following:



#### Note

\* This function can be operated by selectiong the DVD MENU SETUP.

### **Repeat Playing**

During playback, press **6 RPT** to replay the current track. Press it again to cancel this function.

#### ■ Note:

- \* Pressing AMS on the head unit also performs the same function.
- \* The default setting is Disc Repeat.

# **Playing Tracks in Random Order**

During VCD/CD/MP3/MPEG-4/SD play-back, when press **© RDM** button, the unit plays any track at random under the directory which you select. Press **RDM** again to return to normally play.

#### ■ Note:

\* This function is operated by using the remote control only.

### Stop the playback

During MP3/MPEG-4/USB/SD mode, press 
to stop playing, press it again to return to the beginning of the current track.

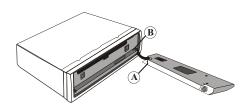
During VCD/CD mode, first pressing **3** to pause playing, press **3** button twice to stop playing completely, press PLAYbutton to start playing.

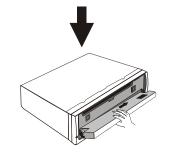
#### ■ Note:

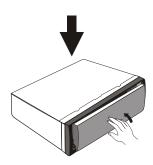
\* Press and hold (8) button on the head unit also performs the same function.

# **Install the Front Panel**

Put notch A (Shown as picture) onto shaft B. And then slightly press into the right side.



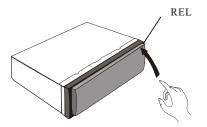




### ■ Note:

\* Never put any objects into the front panel.

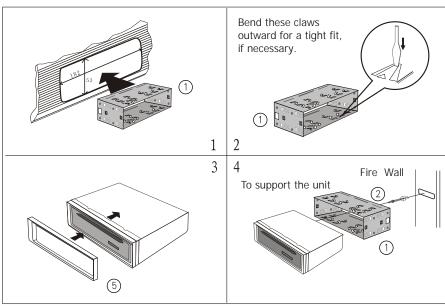
Press ② (REL) button in the upper right corner, and then the front panel will be folded down.



When the front panel was turned down to a position of 45°, hold and slide the front panel to left, and then pull it out.



# **Installation Method (): DIN Front-Mount**



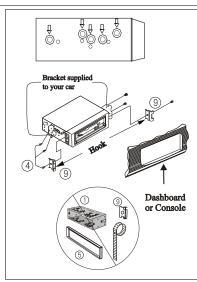
# **Installation Method 2**

Installation using the screw holes at the sides of the unit.

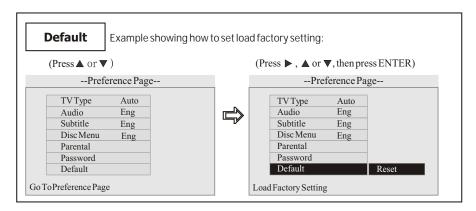
- 1. Remove the hooks on both sides.
- 2. Select a position where the screw holes of the mounting bracket supplied with the car and the screw holes of the main unit become aligned (are fitted), and tighten the screws (see ④ at 2 places on each side. And then fasten them to the car.

#### ■ NOTE:

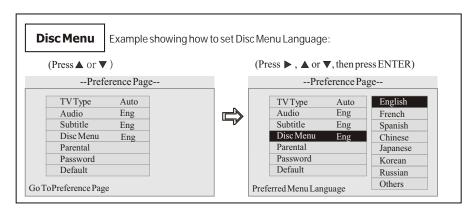
\* Outer Trim Frame (5) Hook (9) and Mounting Sleeve (1) are not used for installation method (2)

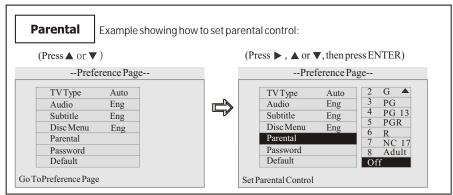


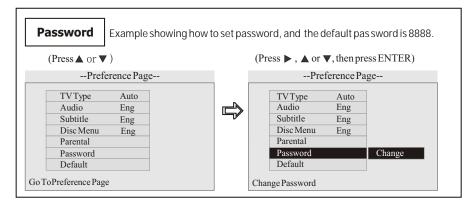
# ---Preferences page--



## ---Preferences page--



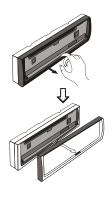




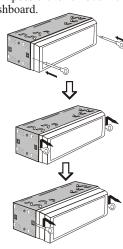
# **Detach the Unit**

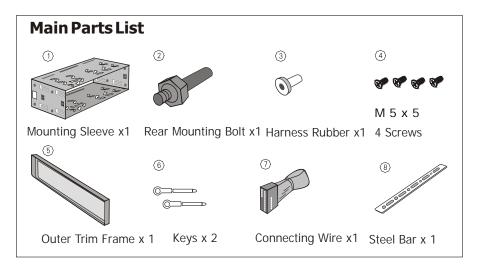
Detach the front panel before disassembling the unit. For more details regarding this section, refer to "Detach the Front Panel".

1. Take out the Outer Trim Frame after detaching the front panel.



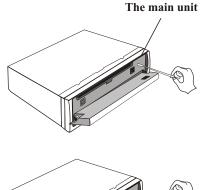
2. Insert the keys supplied to the unit at both sides of the unit (shown as illustrated) until they click. Pulling the keys makes it possible to remove the unit from the dashboard.





# **Cleaning the Connector**

If the connector between the main unit and the front panel is dirty, it may result in unit's abnormal working condition. To avoid such problems happening, please detach the front panel, and clean the connector with an alcohol swab. Gently clean and avoid damaging the connector.



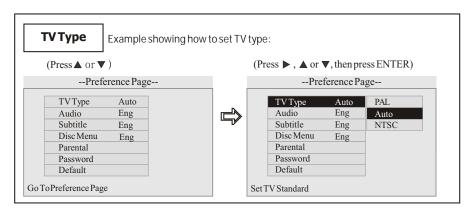
The backside of the front panel

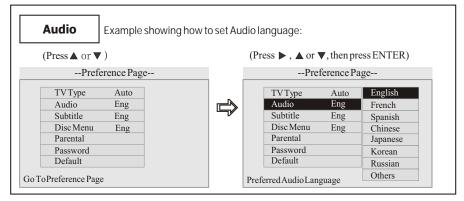
# ■ Notes:

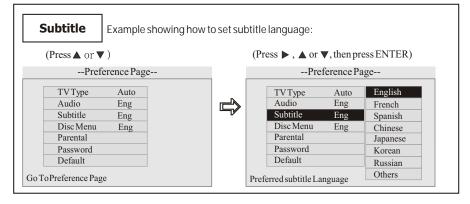
\* For safekeeping, always shut down the generator and take out the key from the ignition before cleaning.

Never keep your finger or any metal device touch the connector directly.

# ---Preference page---

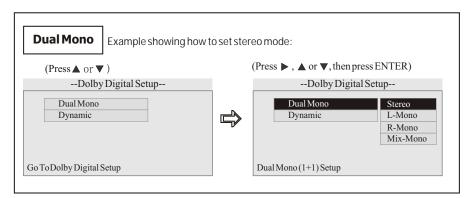


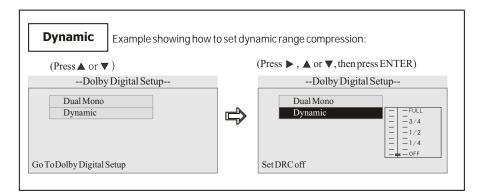




# Common Operations

## -- Dolby Digital Setup--





#### **Reset the Unit**

Operating the unit for the first time or after replacing the car battery, you must reset the unit.

Release the front panel at first, and then Press (i) **RESET** button on the base with a pointed object, (such as a ballpoint pen) to set the unit to initial status.

### ■ Note:

- \* When some errors occur on the display, you can also press **RESET** button to resume to normal, and it will erase the clock setting and some memorized functions.
- \* This function can only be operated by the head unit.

## **Turning the Unit On/Off**

Press **1 PWR** button to turn on the unit, press it again, the unit is still in the waiting status. When insert a disc, the unit will automatically start playing. Keep pressing it to turn off the unit completely.

### ■ Note:

During waiting status, briefly press PWR on the head unit to turn on the unit, press and hold it to turn off the unit.

### **Volume Control**

Press **SVOL+** button to increase the sound level and press **SVOL-** button to decrease the sound level.

### ■ Note:

\* Rotating **VOL** on the head unit also performs the same function.

## **Setting the Sound Characteristics**

Repeated pressing **SEL** button to select the desired mode in the following order:

- 1 After selecting the desired mode, you can adjust the current level by pressing **S** VOL buttons.
- 2 If you don't adjust **S VOL** buttons within 3 seconds after selecting the desired mode, the unit will automatically return to the current mode being displayed.

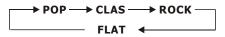
### ■ Note:

\* Pressing SEL and rotating VOL button on the head unit or set <u>AUDIO SETUP</u> in MAIN MENU also performs the same function.

## **EQ Setting**

While listening to the popular music, classic music or rock music, you can select the corresponding preset modes to adjust the sound quality perfectly by using ② EQ button.

Repeatedly pressing ② EQ button to choose the following modes in turn:



#### ■ Note:

\* Press and hold EQ on the head unit also performs the same function.

Witheout bluetooth, briefly press LOUD on the remote control to activate LOUD function. You can press this button to increase the low frequean improve sensitivity for your ears. And "LOUD ON" appears. Press it again to shut down this function, and "LOUD OFF" appears.

### ■ Note:

\* Without bluetooth, briefly press LOUD on the head unit or set <u>LOUDNESS</u> in MAIN MENU also performs the same function.

#### **Mute Function**

Press button to shut off the sound output and appears. Press it again to resume to previous volume level.

#### Note:

 Press MUT on the head unit performs the same function.

### **CLEAR**

Press **②** CLEAR to clear the mistake input.

### ■ Note:

\* This function is operated by using the remote control only.

#### **Force Disc Out**

During playback, when a disc was locked or can not eject, press MODE on the head unit to switch to the radio mode then hold and press the ≜ button 3 seconds,that disc can be forced out.

### **Night Mode**

Hold and press button to enter the night mode, press it again to switch to the normal mode. During night mode, to turn off the blue screen and weeken the button light.

#### ■ Note:

\* This function is operated by using the remote control only.

### **Mode Selector**

Press **MODE** button to select the different modes available.

### ■ Note:

\* Briefly press MOD on the head unit also performs the same function.

## **Display Mode**

**ZOOM** button to select 4:3 display mode, press and hold it again to display the previous one.

#### ■ Note:

\* To set this function by WIDE in MAIN MENU.

#### Infrared Sensor:

Receptor ⑦ on the head unit for the card remote commander.

### A/V In

You can input the audio or video frequency into the main unit to increase the volume through A/V In.

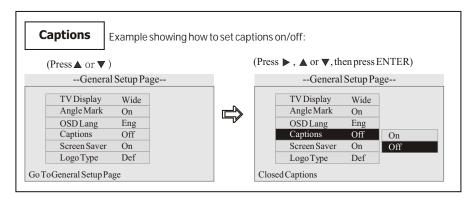
## Release the front panel

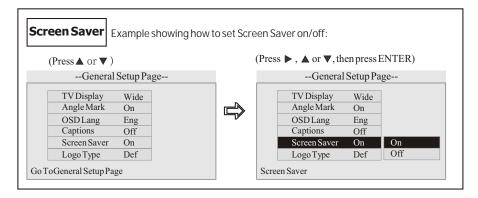
Press ② REL to release the front panel.

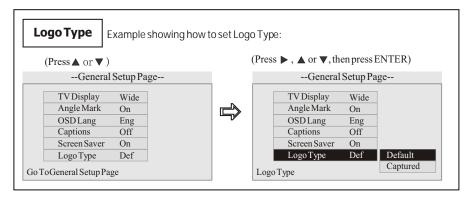
#### ■ Note:

\* This function is operated by the head unit only.

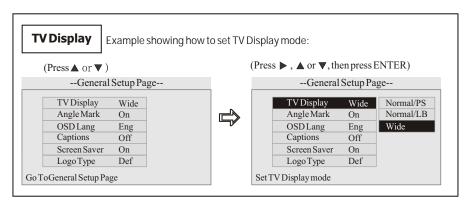
### --General Setup Page--

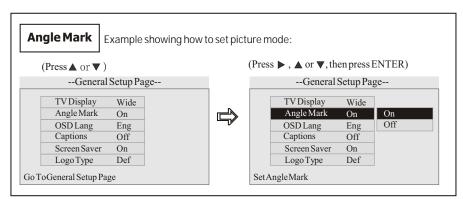


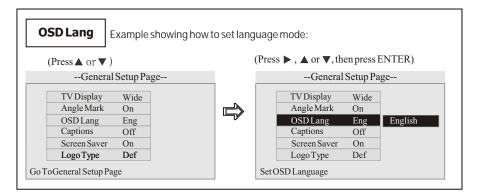




# --General Setup Page--

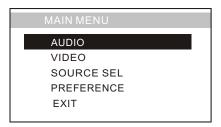






# **Set up Main Menu**

Press and hold **SETUP** on the remote control or **MENU** on the head unit, the setting picture appears as follow:



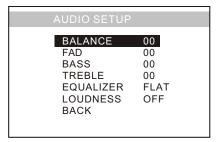
The main menu includes 5 selections above, press ▲or ▼ button to select the requisite item, then hit ENTER to set it; press ▲or ▼ button to reach EXIT, press ENTER to exit setting.

### ■ Note:

- \* Buttons of [▲] [▼] [►] [◄]/ENTER are on the remote control.
- \* Rotate and press VOL button on the head unit performs the same function.

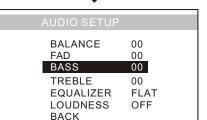
## 1.Audio Adjust

After Selecting AUDIO, press **ENTER** to enter the setting system:



You can adjust BALANCE, FAD, BASS TREBLE, EQUALIZER, LOUDNESS, press [◀] or BACK then press ENTER to go back to the previous menu.

For example, press [▲] [▼] to select BASS, the setting menu will appear as follow:



Press [A][V] to increase or decrease the size, and then press **ENTER**. Press [I] to go back to the previous menu.

#### ■ Note:

\* Adjusting the other items perform the same operation.

### **EQUALIZER**

Press ♠ ]or [▼] to select EQUALIZER, then press ENTER, the setting menu appears as follow:

AUDIO SETUP	
BALANCE FAD BASS TREBLE	00 00 00 00
EQUALIZER LOUDNESS BACK	FLAT OFF

Press [▲] [▼] to select your desired item, then press ENTER, press ◀ to go back to the previous menu.

### **UDDNESS**

Press[▲] or [▼] to select LOUDNESS, then press ENTER, the setting menu appears as follow:

AUDIO SETUP		
BALANCE FAD BASS TREBLE EQUALIZER LOUDNESS BACK	00 00 00 00 FLAT OFF	

Press [▲] [▼] to select your desired item, then press ENTER, press ◀ to go back to the previous menu.

# 2. Video Adjust

Selecting VIDEO in main menu, press **ENTER** to enter setting system.

VIDEO SETUP		
BRIGHT	30	
CONTRAST	30	
COLOR	30	
HUE	30	
WIDE	WIDE	
DEFAULT	STANDARD	
BACK		

The main menu includes items above.

Press ◀ or BACK and then press ENTER to go back to the previous menu.

## **∛ Image Adjust**

Adjusting the CONTRAST: press[▲] or [▼] to select CONTRAST, then press ENTER, the setting menu appears as follow:

VIDEO SETUP		
BRIGHT	30	
CONTRAST	30	
COLOR	30	
HUE	30	
WIDE	WIDE	
DEFAULT	STANDARD	
BACK		

Press  $[ \blacktriangle ]$   $[ \blacktriangledown ]$  to increase or decrease the size, and then press ENTER. Press  $[ \blacktriangledown ]$  to go back to the previous menu. Adjusting the other items perform the same operation.

# Changing audio language (Multi-audio)

DVDs can provide audio playback with different language. With DVDs featuring multi-audio recordings, you can press **6 AUDIO** to switch between language and audio systems during playback.

Selection options switch as follows:

AUDIO 1 — AUDIO 2 — AUDIO 3......

#### ■ Note:

- \* This function is operated by using the remote control.
- \* This function only operates with DVDs featuring multi-audio recordings.
- \* The number in the "③)" mark on a DVD's package indicates the number of recorded languages/audio systems.

# Changing the subtitle language (Multi-subtitle)

With DVDs featuring multi-subtitle recordings. You can press **SUB-T** to switch between subtitle languages during playback.

Selection options switch as follows:

Subtitles 1 — Subtitles 2 — ..... — Subtitles OFF

### ■ Note:

- \* This function is operated by using the remote control.
- \* This function only operates with DVDs featuring multi-subtitle recordings.
- \* The number in the "a" mark on a DVD's package indicates the number of recorded subtitle languages.

# **Selecting Different Menu/Title**

Under **DVD** playback mode, press **4** MENU or **3** TITLE to return to the root menu or the title menu, the monitor display all the chapters or all titles. You can press **2** and **2 Number Buttons** on the remote control to select different chapter or title.

#### ■ Note:

 This function is operated by using the remote control.

#### **SET UP MENU**

Press  $[ \triangle ][ \nabla ][ \nabla ]$  to move the cursor on "X" then press **ENTER** to exit the menu setup.

#### ■ Note:

- \* The selections are the preferred options that will be chosen if they are available on a disc. If the disc that is inserted does not have the preferred option then the discs own preference will be used.
- \* Regarding SETUP MENU, please refer to the following pages for more details.
- \* Some functions varies depending on the types of models or formats of the disc.

### **Number Buttons**

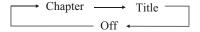
press **Q Number Buttons** to input the desired tracks, then it will be played automatically.

#### ■ Note:

\* This function is operated by using the remote control.

### **Repeat Playing**

Repeatedly repeatedly press **(6) RPT** on the remote control to replay as following:



### ■ Note:

- \* Press AMS on the head unit also performs the same function.
- \* The default setting is **DISC REPEAT**.

## **On-screen display**

During DVD playback, briefly press **SOSD**, the monitor shows:

ightharpoonup	Title elapsed tin	ne <del>→ Titl</del>	e remain time —
	off ←	Chapter remain time	Chapter elapsed time

Press and hold this button to display the current source information.

#### ■ Note:

\* This function is operated by using the remote control.

# **Setting the Playing Time**

During DVD mode, press ② GOTO button to set the playing time, when the TFT display: *title/chapter/audio/subtitle/angle*/title time/chapter time/repeat /time disp.
Press ②[▲][▼] to select the options, press ENTER to set the status.Then press ④NU-MBER BUTTONS or ② [▶][◄] to set the current status.

#### ■ Note:

\* This function is operated by using the remote control.

# Changing the viewing angle (Multi-angle)

With DVDs featuring multi-angle (scenes shot from multiple angles) recordings, you can press **ANGLE** to switch among viewing angles during playback.

Selection options switch as follows:

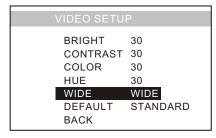
#### ANGLE 1 - ANGLE 2 - ANGLE 3 ......

#### ■ Note:

- \* This function is operated by using the remote control.
- \* This function is only operated by DVD with multi-angle recordings.
- \* This mark on a DVD package indicates it features multi-angles scenes,
  The number in the mark indicates the number of angles from which scenes were slot.
- \* If you press ANGLE during fast forward/fast reverse or pause, fast forward/fast reverse or pause is canceled and normal playback resumes but the viewing angle does not change.

### **WIDE**

Press[▲] or [▼] to select WIDE, then press **ENTER**, the setting menu appears as follow:



Press [▲] [▼] to select your desired item, then press ENTER, press ◀ to go back to the previous menu.

### **ĕ** Default

Adjusting the DEFAULT: press[▲] or [▼] to select DEFAULT, then press ENTER, the setting menu appears as follow:

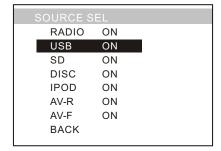
VIDEO SETU	Р
BRIGHT	30
CONTRAST	30
COLOR	30
HUE	30
WIDE	WIDE
DEFAULT	STANDARD
BACK	

The main menu includes selections above, after selecting any one of them, DEFAULT will switch to USER.

press  $\blacktriangle$  or  $\blacktriangledown$  button to adjust item, then press ENTER.

# 3. Source Setup

Selecting SOURCE SEL by pressing ▲ ▼ in main menu, press ENTER to enter setting system.



This menu can set up the above items by pressing [▲] and [▼] and ENTER. If you set one of them OFF, the function is invalid. For example, if one item set OFF pressing SOURCE button can not activate it. During playback mode, you can not set it OFF.

### **4.PREFERENCE SETUP**

Select PREFERENCE, then press ENTER.

PREFERENCE

CLOCK SYS 24 HOUR
CLOCK ADJ 00:00:00
KEY BEEP ON
REV POLA BATTERY
BACK

This menu can set up the above items by pressing [▲] and [▼] and ENTER.

Press ◀ or BACK, then press ENTER to go back to the previous menu.

# Clock System

PREFERENCE

CLOCK SYS 24 HOUR

CLOCK ADJ 00:00:00

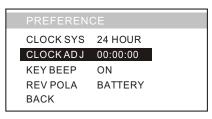
KEY BEEP ON

REV POLA BATTERY

BACK

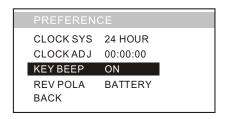
Setting CLOCK SYSTEM in this menu, according to the desired setting 12 HOUR or 24 HOUR.Press [▲] and [▼] and ENTER. Press ◀ to go back to the previous menu.

# **8** Clock Adjust



Setting CLOCK ADJ in this menu,Press [▲] and [▼] and ENTER.Press ◀ to go back to the previous menu.

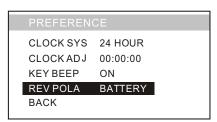
### **ĕ** KEY BEEP



Setting KEY BEEP ON or OFF in this menu, the default setting is ON. Press [▲] and [▼] and ENTER.

Press ◀ to go back to the previous menu.

### **8** REVERSE POLA



Setting reverse pola in this menu, The signal is +12V when you back a car, please set BATTERY; if the signal is 0V, please set GROUND.Press [▲] and [▼] and ENTER. Press ◀ to go back to the previous menu.

### **Basic operation of DVD**

Insert a DVD disc into the slot, the unit will automatically switch on, if a DVD disc is loaded, press MODE on the remote control to switch to DVD mode to start the playback.

#### ■ Note:

\* Pressing MOD button on the head unit also performs the same function.

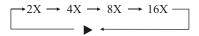
### **Playing the Previous/Next Track**

### ■ Note:

\* Briefly pressing ② button on the head unit also performs the same function.

### **Playing Track F.F/F.REW**

Press ♠ or ◄ to play the track fast forward or fast rewind: Each pressing will change as following:



### ■ Note:

\* Press and hold ① button on the head unit also performs the same function.

# Stop the playback

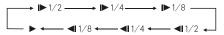
During DVD mode, first pressing 5 to pause playing, press 6 II to play, press 5 button twice to stop playing completely, press PLAYbutton to start playing.

#### Note:

\* Press and hold ® button on the head unit also performs the same function.

### Slow motion playback

Press • to slow forward or slow backward. There are such speeds each pressing decreases the speed until the minimum speed is reached.



#### ■ Note

\* This function is operated by using the remote control only.

### **System Button**

During DVD playback, press **P/N** button to select standard TV system as following:

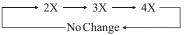


### ■ Note:

\* This function can be operated by selecting the DVD MENU SETUP.

## Increase the size of the picture

Briefly press **(1) ZOOM** to increase the picture in size. There are such sizes as following:



Press and hold it to display NORMAL(4:3), WIDE(16:9).

#### ■ Note:

- \* This function is operated by using the remote control.
- \* To remove the image by pressing 22 button.

## Pause the playback

During DVD mode, press II to switch pause and play mode, during stop mode, press it again to resume to the playback mode.

#### ■ Note:

\* Briefly press (8) button on the head unit also performs the same function.

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