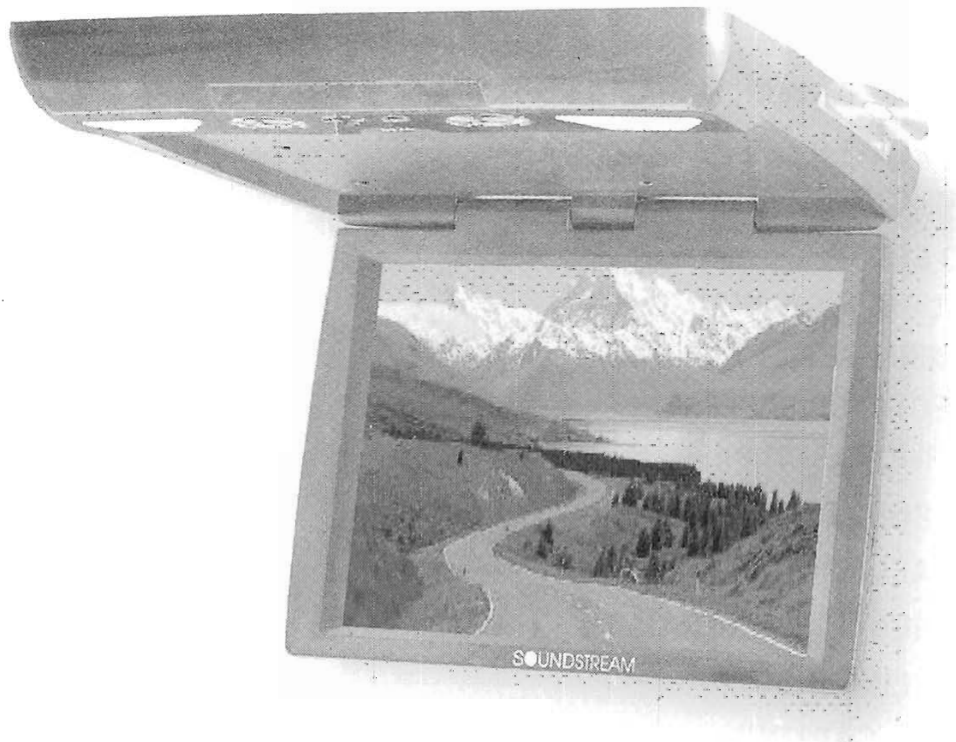


# INSTRUCTION MANUAL

**VCM-15D** *15" Combo Flip Down Monitor  
with DVD Player & TV Tuner*



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# 1. INTRODUCTION

## **THIS SET IS A FULL- FEATURED 15" TFT LCD DVD COMBO FOR MOBILE ENTERTAINMENT SYSTEM.**

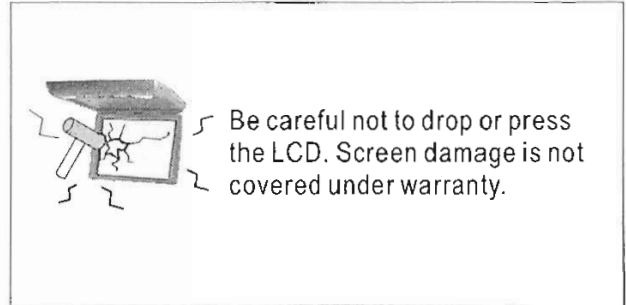
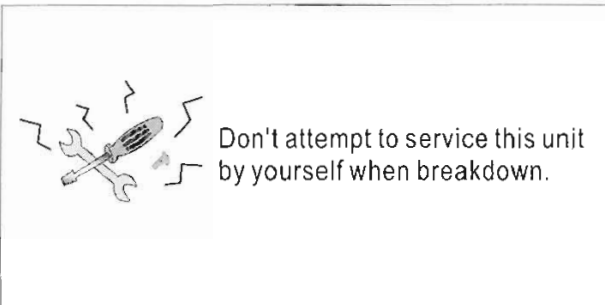
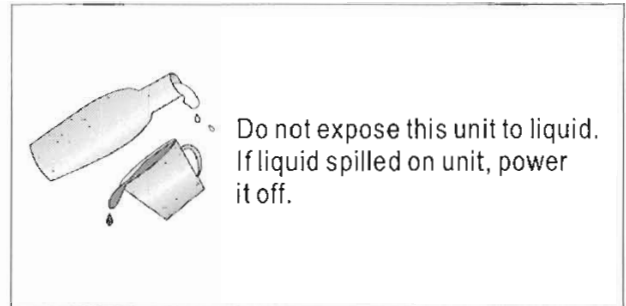
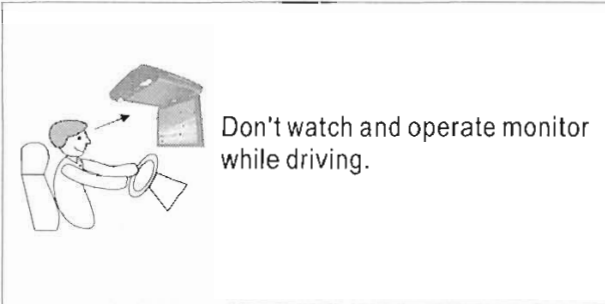
- 15" Flip down Monitor with DVD & TV Tuner
- Slim and Compact Design
- Easy Installation
- Playback System(DVD,DVD-R,VCD,SVCD,CD-DA,CD-R/RW,MP3)
- DVD Play Back Fast Forward/Reverse Speed(x2,x4,x8,x16,x32)
- Zoom Screen mode( x2, x3, x4,x1/2,x1/3,x1/4)
- NTSC/PAL Auto Selection
- On Screen Display(OSD) with Full Function Remote Control
- 2 Video/Audio(R/L) Inputs
- 1 Video/Audio(R/L) Output
- Aspect Ratio 4:3
- Built-in IR Transmitter for Wireless Headphone
- Dome Light with Switch Control
- Resolution : 1024 x 768 (XGA)
- Brightness : 350cd/m<sup>2</sup>
- Super Bright Light Reflecting Glossy Finish TFT/LCD
- Built-in Last Position Memory play back system
- Built-in FM Transmitter (88.0MHz ~ 92.0MHz : step by 100KHz)

### **※ DVD Section DVD/SVCD/VCD/CD/CDR/CDRW/MP-3/DVCD**

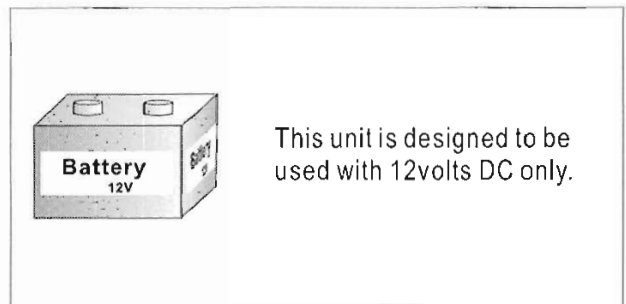
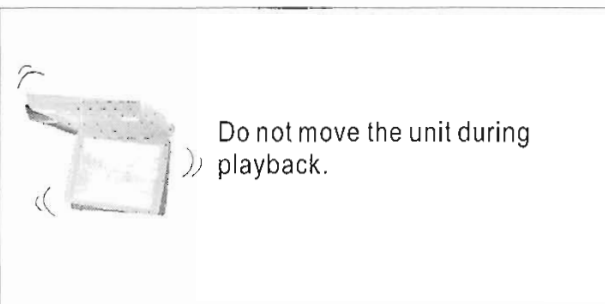
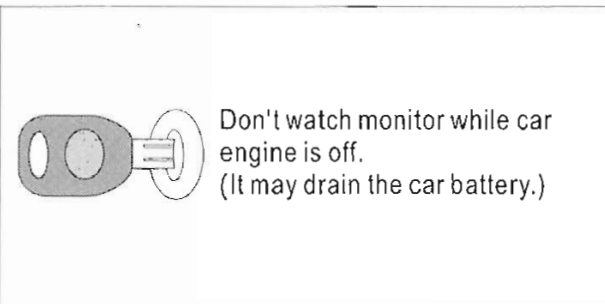
- Side Slot Loading Digital Anti-Shock DVD Player
- DVD (NTSC & PAL ) Selectable
- Dolby Pro-logic/DTS Compatible

## 2. SAFETY PRECAUTIONS

### WARNING

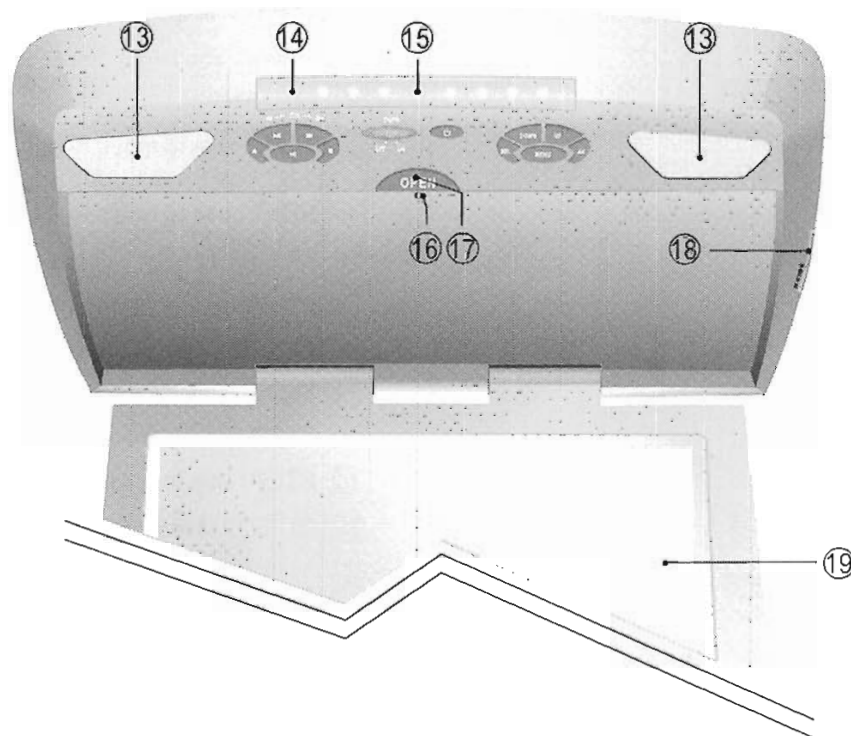
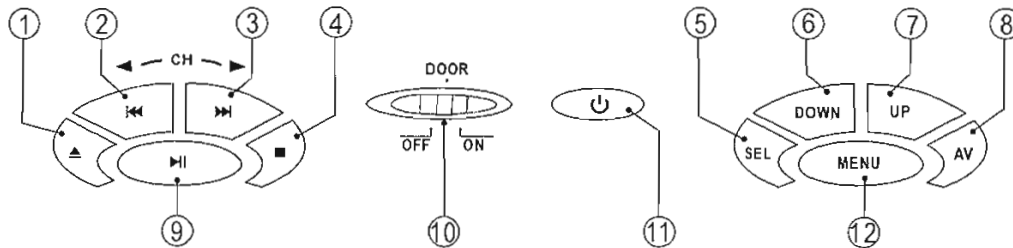


### CAUTION



### 3. NAMES & FUNCTION OF PARTS.

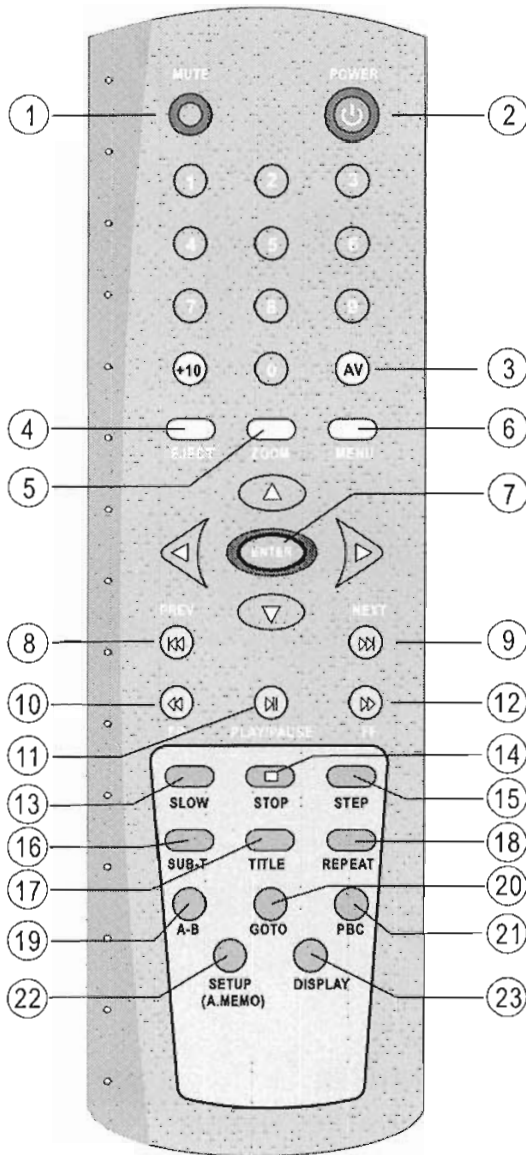
#### UNIT PART



- |                      |                         |
|----------------------|-------------------------|
| ① EJECT              | ⑪ POWER                 |
| ② DISC PREV/ CH DOWN | ⑫ MENU                  |
| ③ DISC NEXT/CH UP    | ⑬ DOME LIGHT            |
| ④ STOP               | ⑭ IR TRANSMITTER        |
| ⑤ SEL                | ⑮ REMOTE CONTROL SENSOR |
| ⑥ VOL/MENU DOWN      | ⑯ CLOSE SENSOR          |
| ⑦ VOL/MENU UP        | ⑰ MONITOR OPEN SWITCH   |
| ⑧ AV CHANGE SWITCH   | ⑱ DISC SLOT             |
| ⑨ PLAY/PAUSE         | ⑲ MONITOR               |
| ⑩ DOME LIGHT SWITCH  |                         |

### 3. NAMES & FUNCTION OF PARTS.

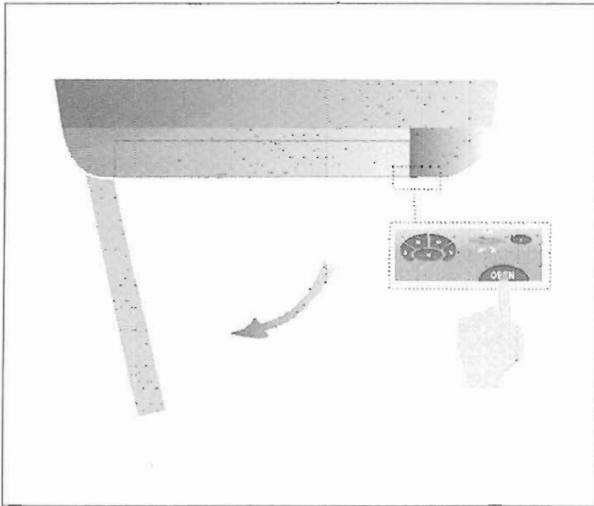
#### REMOTE CONTROL PART



- ① MUTE : turn on/off the sound
- ② POWER : turn on/off the player
- ③ AV : change input source
- ④ EJECT : open or close disc tray.
- ⑤ ZOOM : zoom in on picture
- ⑥ MENU : show the menu
- ⑦ ENTER(SEL) : use to select the menu item
- ⑧ PREV : use to move to the previous chapter of track
- ⑨ NEXT : use to move to the next chapter of track.
- ⑩ FR : use to play reverse silently
- ⑪ PLAY/PAUSE : play or pause the player
- ⑫ FF : use to play forward silently
- ⑬ SLOW : use to play slow silently
- ⑭ STOP : stop disc play
- ⑮ STEP : use to scan the scene during pause.
- ⑯ SUB-T : change the subtitle language to another language.
- ⑰ TITLE : display title of DVD disc on the screen
- ⑱ REPEAT : select an title, chapter or track you want to repeat
- ⑲ A-B : repeat the selected segment
- ⑳ GOTO : used to go to the chapter, track or song on the disc you want
- ㉑ PBC : playback control
- ㉒ SETUP : adjusting function DVD
- ㉓ DISPLAY : show information of playing state.

## 4. MONITOR OPERATION

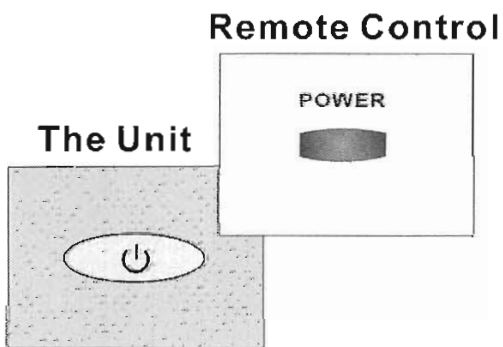
### THE MONITOR RELEASE



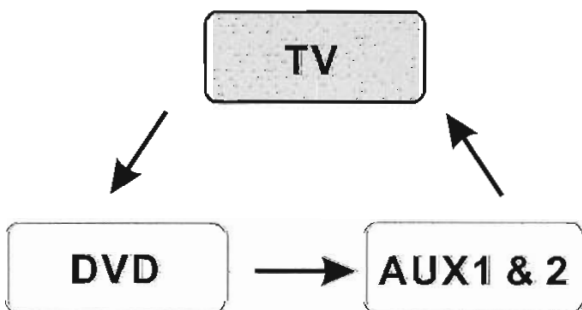
Push the OPEN button and lower the monitor to the desired level.

※ The monitor will automatically turn off when closed.

### POWER AND MODE SELECT



Press the POWER button to turn the power on. To turn off power, press the POWER button again.

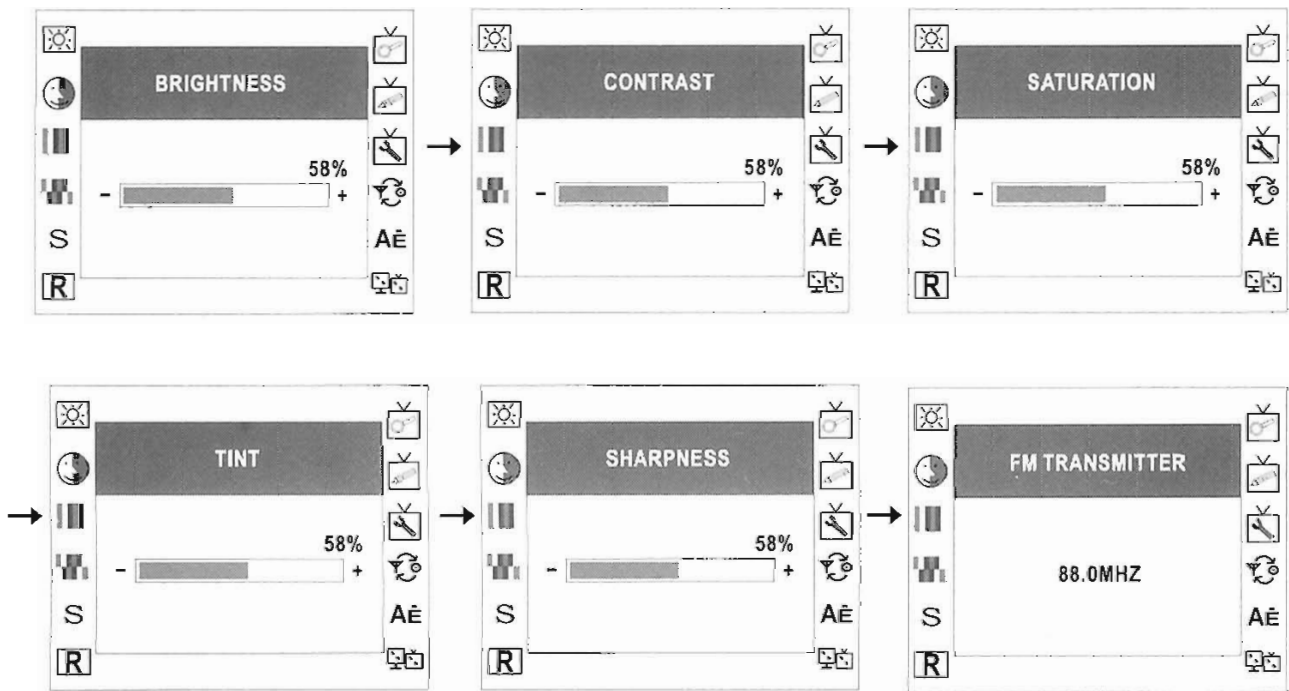


Press AV button to select the mode. Press the AV button till you get to the desired mode.

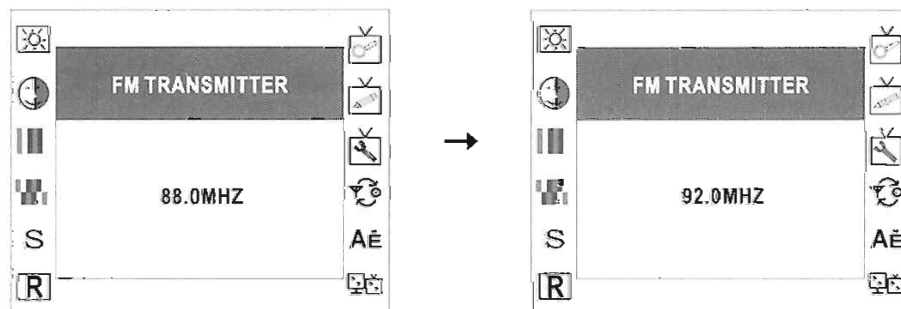
## 5. TV MODE

When pressing the MENU button on the remote control or monitor, the following menus will be displayed on the screen.

### BRIGHTNESS, CONTRAST, SATURATION, TINT, SHARPNESS, FM TRANSMITTER



1. Press ◀ ▶ button to move to the desired menu.  
(BRIGHTNESS, CONTRAST, SATURATION, TINT, SHARPNESS, FM TRANSMITTER)
2. Press "SEL" button to choose the item you desired.
3. Adjust MENU condition by pressing ◀ ▶ button.

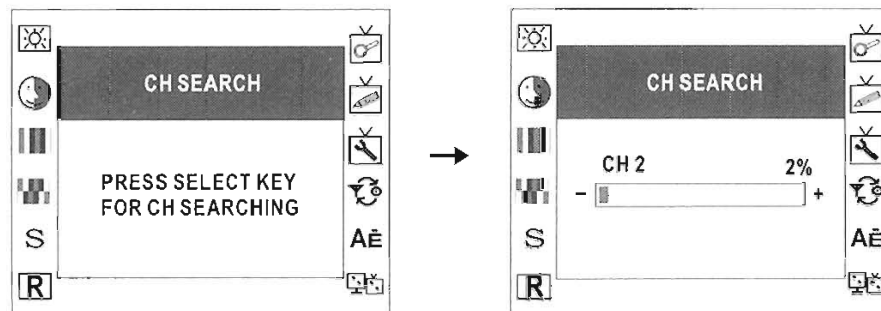




## 5. TV MODE

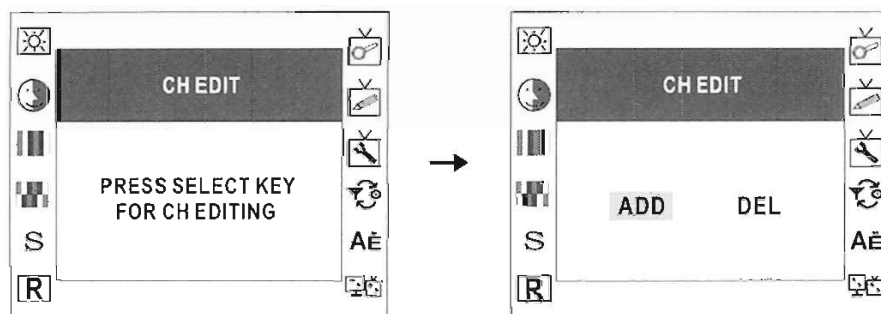
When pressing the MENU button on the remote control or monitor, the following menus will be displayed on the screen.

### CH SEARCH



1. Press ◀ ▶ button to move "CH SEARCH" menu.
2. If you press "SEL" button, the unit searches CH automatically.

### CH EDIT

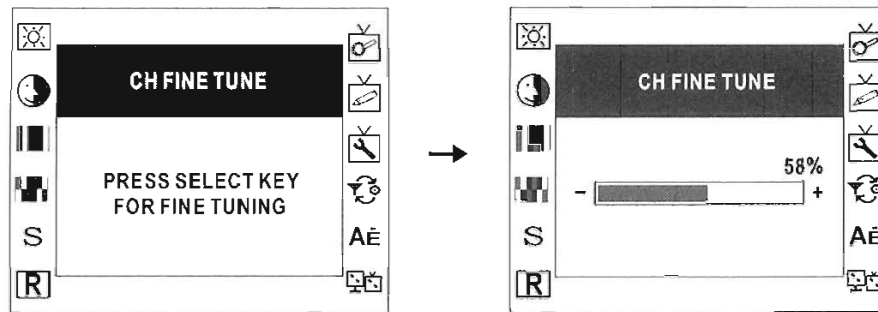


1. Press ◀ ▶ button to move "CH EDIT" menu.
2. If you press "SEL" button, "ADD", "DEL" buttons appear on the screen.
3. Use ◀ ▶ button to move "ADD" ↔ "DEL".

## 5. TV MODE

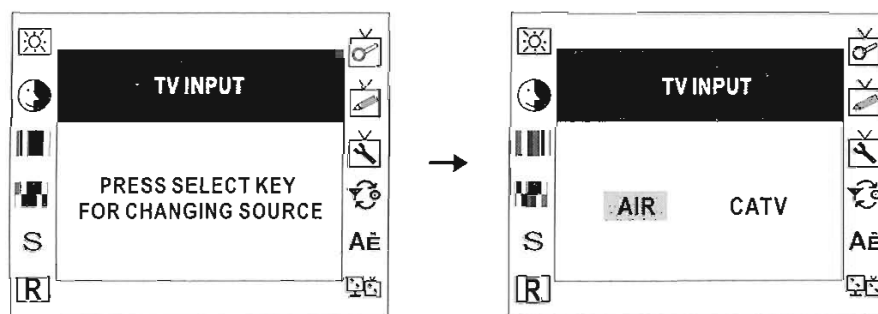
When pressing the MENU button on the remote control or monitor, the following menus will be displayed on the screen.

### CH FINE TUNE



1. Press ◀ ▶ button to move "CH FINE TUNE" menu.
2. If you press "SEL" button, you can see "CH FINE TUNE"'s condition.
3. Press ◀ ▶ button to adjust condition of "CH FINE TUNE"

### TV INPUT

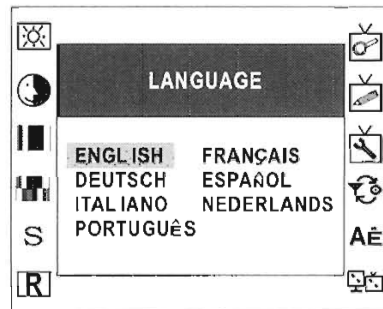


1. Press ◀ ▶ button to move "TV INPUT" menu.
2. If you press "SEL" button, "AIR", "CATV" buttons appear on the screen.
3. Use ◀ ▶ button to move "AIR" ↔ "CATV".

## 5. TV MODE

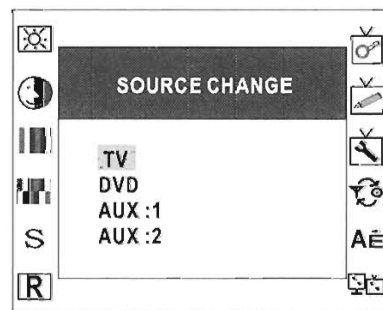
When pressing the MENU button on the remote control or monitor, the following menu will be displayed on the screen.

### LANGUAGE



1. Press ◀ ▶ button to move "LANGUAGE" menu.
2. If you press "SEL" button, you can see 7 languages.
3. Press ◀ ▶ button to move to language you want.
4. Press "SEL" button to select language you chosen.

### SOURCE CHANGE

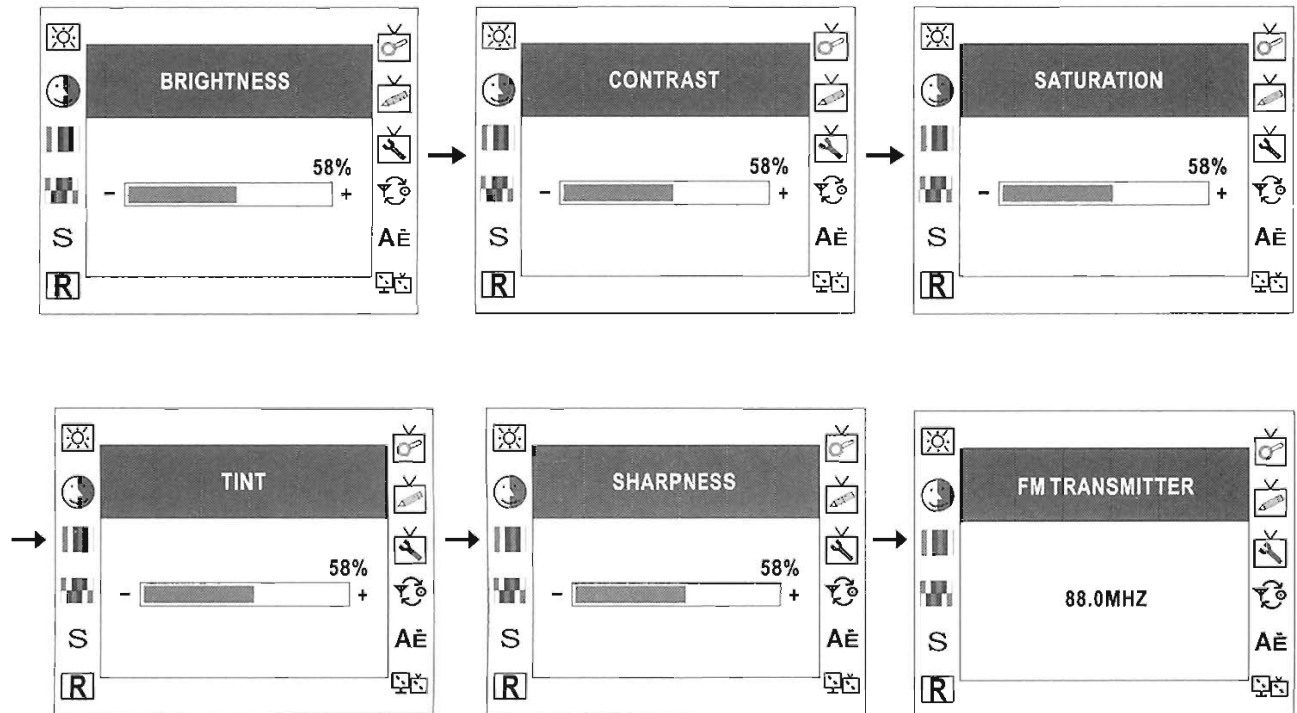


1. Press ◀ ▶ button to move "SOURCE CHANGE" menu.
2. If you press "SEL" button, you can change sources..
3. Use ◀ ▶ button to move "TV" ↔ "DVD" ↔ "AUX1" ↔ "AUX2"

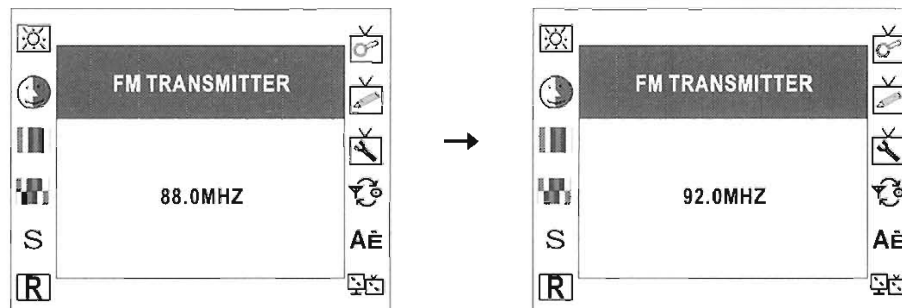
## 6. AV/DVD MODE

When pressing the MENU button on the remote control or monitor, the following menus will be displayed on the screen.

### BRIGHTNESS, CONTRAST, SATURATION, TINT, SHARPNESS, FM TRANSMITTER



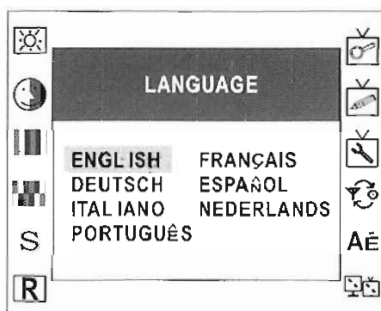
1. Press ◀ ▶ button to move the desired menu.  
(BRIGHTNESS, CONTRAST, SATURATION, TINT, SHARPNESS, FM TRANSMITTER)
2. Press "SEL" button to choose item you desired.
3. Adjust MENU condition by pressing ◀ ▶ button.



## 6. AV/DVD MODE

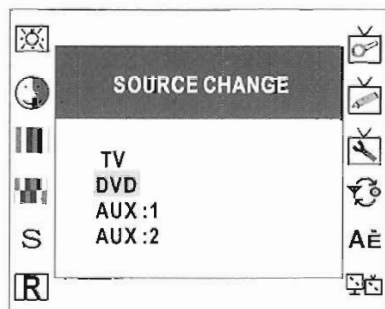
When pressing the MENU button on the remote control or monitor, the following menu will be displayed on the screen.

### LANGUAGE



1. Press ◀ ▶ button to move "LANGUAGE" menu.
2. If you press "SEL" button, you can see 7 languages.
3. Press ◀ ▶ button to move to language you want.
4. Press "SEL" button to select language you chosen.

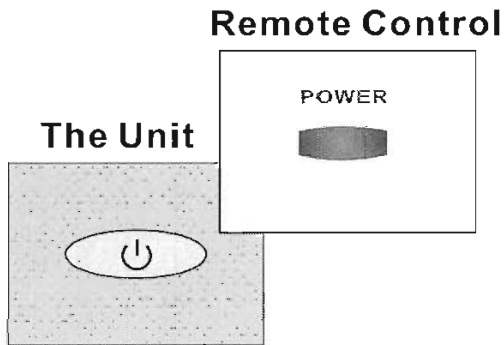
### SOURCE CHANGE



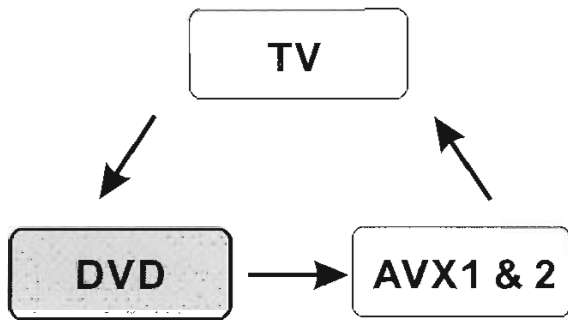
1. Press ◀ ▶ button to move "SOURCE CHANGE" menu.
2. If you press "SEL" button, you can change sources..
3. Use ◀ ▶ button to move "TV" ↔ "DVD" ↔ "AUX1" ↔ "AUX2"

## 7. DVD PLAYER OPERATION

### PLAYING THE DVD PLAYER

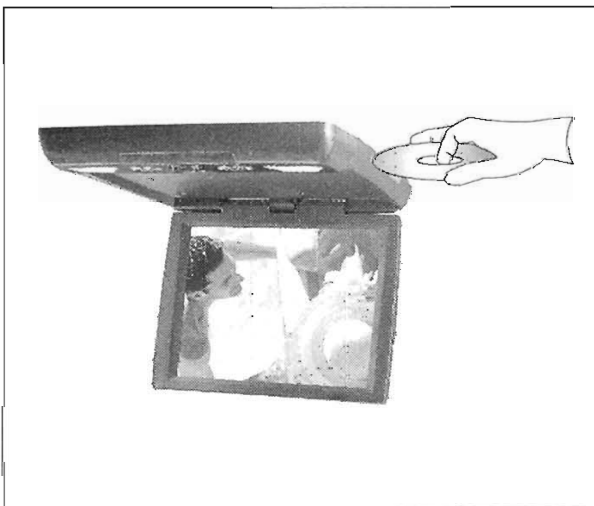


Press the POWER button to turn the power on.



Press the AV button to select the DVD mode. Press the AV button till you get to the desired mode.

### DISC INSERT

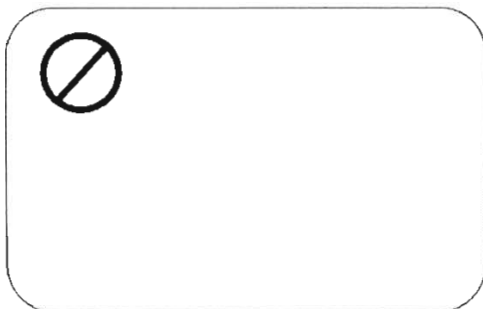


Insert the disc you want to play.

※ Most of DVD Titles will be played Automatically.

## 8. DVD SETUP

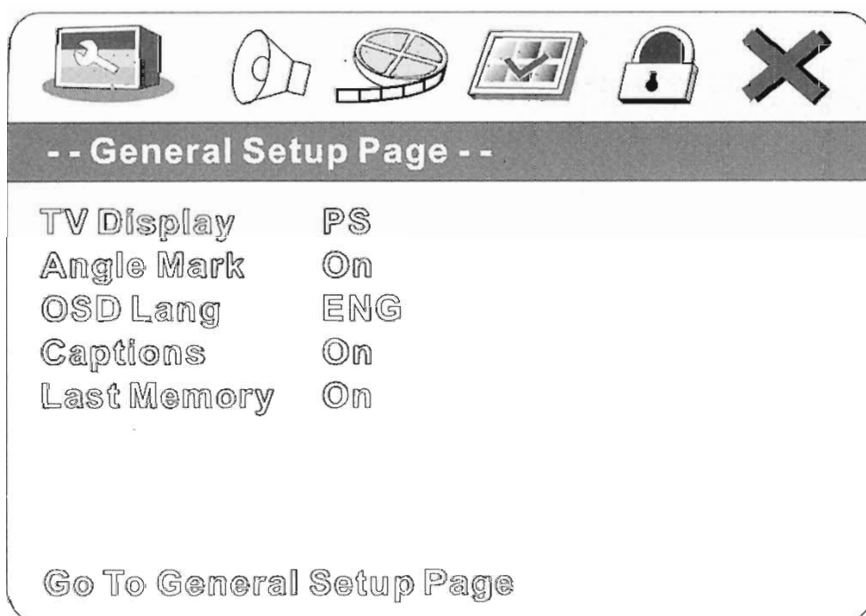
### SETUP MENU-MAIN PAGE



If this symbol appears on the screen, it means that an invalid button is pressed.

#### How to enter the SETUP mode

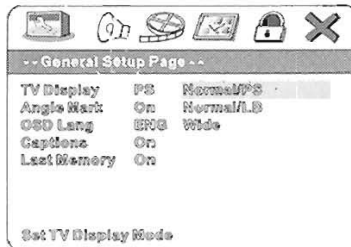
1. Press the STOP button when the disc plays.
2. Press the SETUP button to enter SETUP mode.
3. Press ◀ ▶ button to move to desired items.
4. Use the SEL button to select item you desired.



## 8. DVD SETUP

### GENERAL SETUP

#### 1. TV DISPLAY



You can choose a TV screen aspect ratio on TV DISPLAY mode. (Normal/PS, Normal/LB, Wide)

#### NORMAL / PS (4:3 PAN & SCAN)

If you want to watch the movie to fill the entire screen, select this item.

#### NORMAL / LB (4:3 LETTER BOX)

If you want to watch the movie in its original aspect ratio.

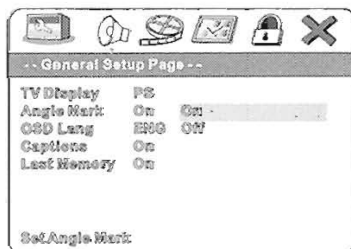
#### WIDE (16:9 WIDE SCREEN)

If your DVD player is connected to a wide screen TV, you can select this item.

(Only when the disc display aspect ratio is 16:9.)

※ This option is not available on all discs.

#### 2. ANGLE MARK



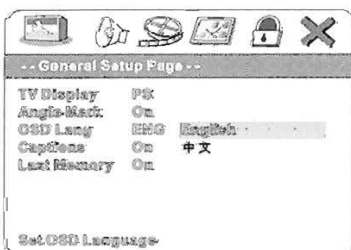
You can make the Angle Mark appear on scenes.

On : the screen show angle mark while disc play.

Off : no angle mark is shown on the screen.

※ This option is not available on all discs.

#### 3. OSD LANG



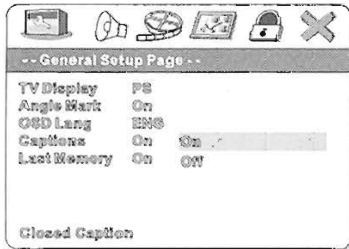
Use this option to set the display language.



# 8. DVD SETUP

## GENERAL SETUP

### 4. CAPTIONS

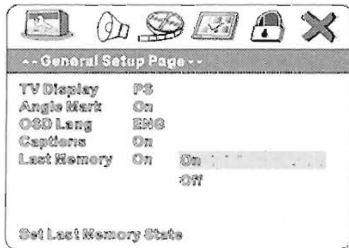


Adjust caption On/Off.

On : the captions are displayed on screen.

Off : the captions are not displayed on screen.

### 5. LAST MEMORY



Last memory restarts the DVD at the last played scene.

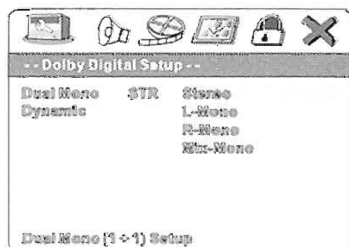
※ Last memory will not work if the disc is ejected from the DVD player.

## AUDIO SETUP

### 1. DOLBY DIGITAL SETUP

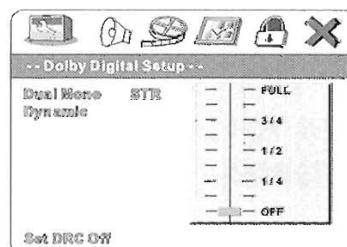


#### DUAL MONO



Use this function to set the input audio signal.

#### DYNAMIC

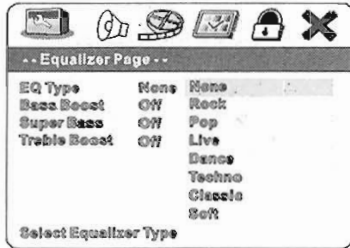
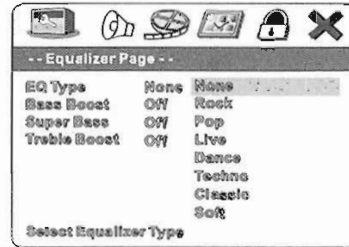


To change the setting from the factory using by this function.- Preset Off.

# 8. DVD SETUP

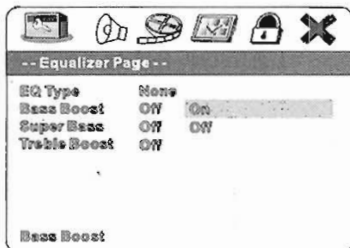
## AUDIO SETUP

### 2.EQUALIZER



#### EQ TYPE

3D stereophonic sound is produced on this position. Select the desired mode. (None, Rock, Pop, Live, Dance, Techno, Classic, Soft)



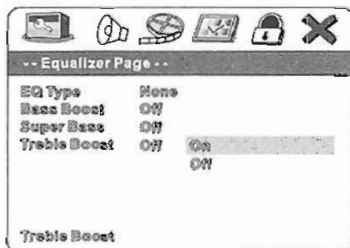
#### BASS BOOST

Increases low level bass frequencies.



#### SUPER BASS

Further increases low level bass frequencies.



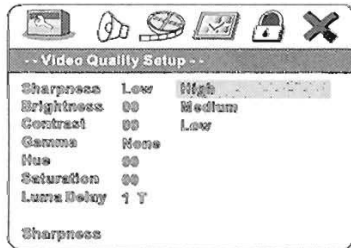
#### TREBLE BOOST

Increases high level frequencies.

# 8. DVD SETUP

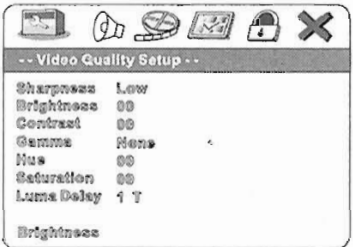
## VIDEO SETUP

### 1. QUALITY



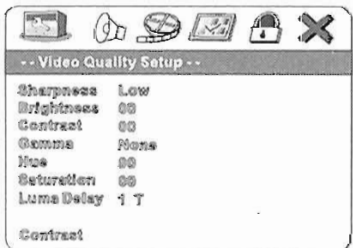
#### SHARPNESS

Move the desired mode by using ▲ / ▼ button and select it by pressing ENTER button.



#### BRIGHTNESS

Move the desired mode by using ◀ / ▶ button and select it by pressing ENTER button.



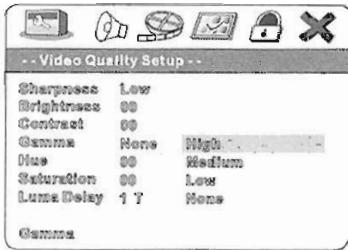
#### CONTRAST

Move the desired mode by using ◀ / ▶ button and select it by pressing ENTER button.

# 8. DVD SETUP

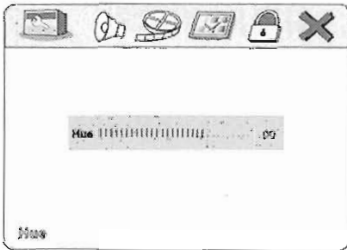
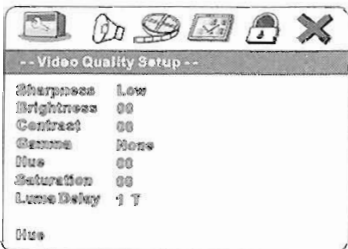
## VIDEO SETUP

### 1. QUALITY



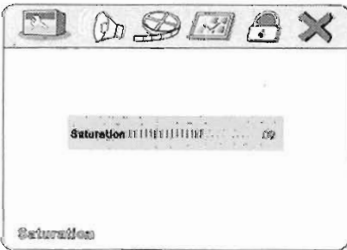
#### GAMMA

Move the desired mode by using ▲ / ▼ button and select it by pressing ENTER button.



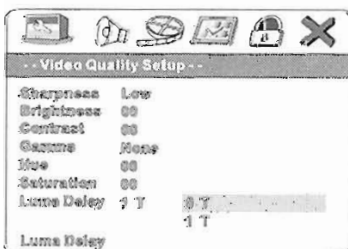
#### HUE

Move the desired mode by using ◀ / ▶ button and select it by pressing ENTER button.



#### SATURATION

Move the desired mode by using ◀ / ▶ button and select it by pressing ENTER button.

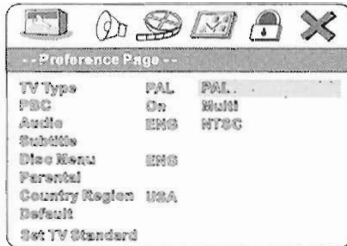


#### LUMA DELAY

Move the Luma Delay mode and select the preferred video image quality by pressing ENTER button.

# 8. DVD SETUP

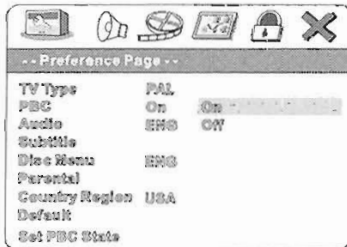
## PREFERENCE



### 1. TV TYPE

Select a proper mode as the system of the TV Type (Multi, NTSC, PAL)

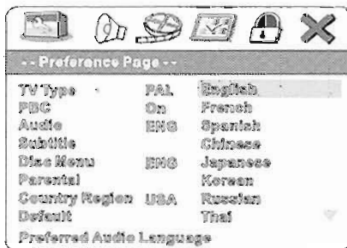
- (1) Press the SETUP button during stop mode.
- (2) Press the ◀/▶ buttons to move to Preference.
- (3) Press the ▲/▼ buttons to move to TV Type.
- (4) Press the ENTER button.
- (5) Press the ▲/▼ buttons to choose TV Type.



### 2. PBC (PLAY BACK CONTROL)

This is available only when a Video CD is loaded.

- (1) Press the SETUP button during stop mode.
- (2) Press the ◀/▶ buttons to move to Preference.
- (3) Press the ▲/▼ buttons to move to PBC.
- (4) Press the ENTER button.
- (5) Press the ▲/▼ buttons to select On/Off.

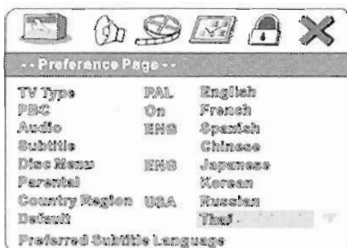


### 3. AUDIO

You can choose the subtitle language you desired by using the audio language menu.

If the playing disc has an available language, it will be played in that language.

- (1) Press the SETUP button during stop mode.
- (2) Press the ◀/▶ buttons to move to Preference.
- (3) Press the ▲/▼ buttons to move to Audio.
- (4) Press the ENTER button.
- (5) Press the ▲/▼ buttons to select desired audio language.



### 4. SUBTITLE

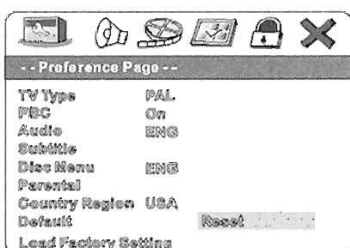
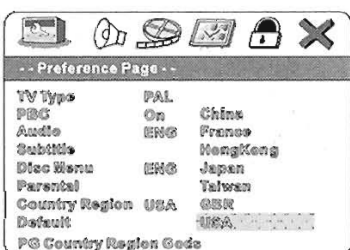
You can choose the subtitle language you desired by using the subtitle language menu.

If the playing disc has an available language, it will display subtitles in that language.

- (1) Press the SETUP button during stop mode.
- (2) Press the ◀/▶ buttons to move to Preference.
- (3) Press the ▲/▼ buttons to move to Subtitle.
- (4) Press the ENTER button.
- (5) Press the ▲/▼ buttons to select desired subtitle language.

## 8. DVD SETUP

### PREFERENCE



### 5. DISC MENU

Use this menu to select the language of disc menu that is displayed in.

- (1) Press the SETUP button during stop mode.
- (2) Press the ◀ / ▶ buttons to move to Preference.
- (3) Press the ▲ / ▼ buttons to move to Disc Menu.
- (4) Press the ENTER button.
- (5) Press the ▲ / ▼ buttons to select desired language.

### 6. PARENTAL

The Parental feature is a rating limit system, like movie ratings.

It works with DVD's that have been assigned a rating. This option lets you determine how your player will react to discs that contain movies that are rated. You decide which ratings require a password and which ones don't.

- (1) Press the SETUP button when stop mode.
- (2) Press the ◀ / ▶ buttons to move to Preference.
- (3) Press the ▲ / ▼ buttons to move to Parental.
- (4) Press the ENTER button.
- (5) Press the ▲ / ▼ buttons to select desired parental level..

### 7. COUNTRY REGION

Change the COUNTRY REGION by using this menu.

- (1) Press the SETUP button when stop mode.
- (2) Press the ◀ / ▶ buttons to move to Preference.
- (3) Press the ▲ / ▼ buttons to move to Country Region.
- (4) Press the ENTER button.
- (5) Press the ▲ / ▼ buttons to select desired Country Region.

### 8. DEFAULT

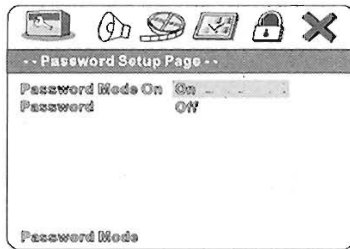
Reset all functions to the factory defaults by using this menu.

- (1) Press the SETUP button when stop mode.
- (2) Press the ◀ / ▶ buttons to move to Preference.
- (3) Press the ▲ / ▼ buttons to move to Default.
- (4) Press the ENTER button to select reset.

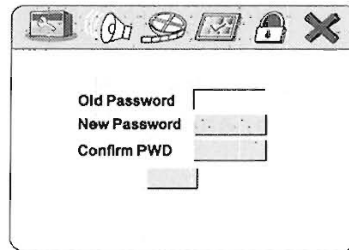
## 8. DVD SETUP

### PASSWORD SETUP

#### 1. PASSWORD MODE



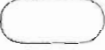
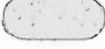







#### 2. PASSWORD CHANGE









- (1) Select "Password".
- (2) Enter your old password and new 6 digit password.
- (3) Re-enter new password for confirmation then press the ENTER button.

## 9. DVD FUNCTION






 <p><b>MUTE</b></p>	Press the MUTE button turns muting on and off.
 <p><b>EJECT</b></p>	Pressing eject will eject the disc from the player.
 <p><b>ZOOM</b></p>	Whenever you press ZOOM button, the picture size will be changed as follows. ( x2, x3, x4, x1/2, x1/3, x1/4 )
 <p><b>MENU</b></p>	MENU button displays various DVD menu. The content of it depends on the DVD.
  <p><b>PREV NEXT</b></p>	Move to the previous/next chapter from the current chapter.
  <p><b>FR FF</b></p>	Whenever you press FR/FF button, the play mode will be changed as follows. ( x2, x4, x8, x16, x32 reverse/forward search)
 <p><b>PLAY/PAUSE</b></p>	Press this button to play or pause a disc.



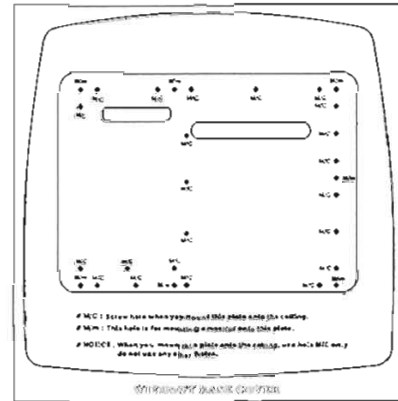
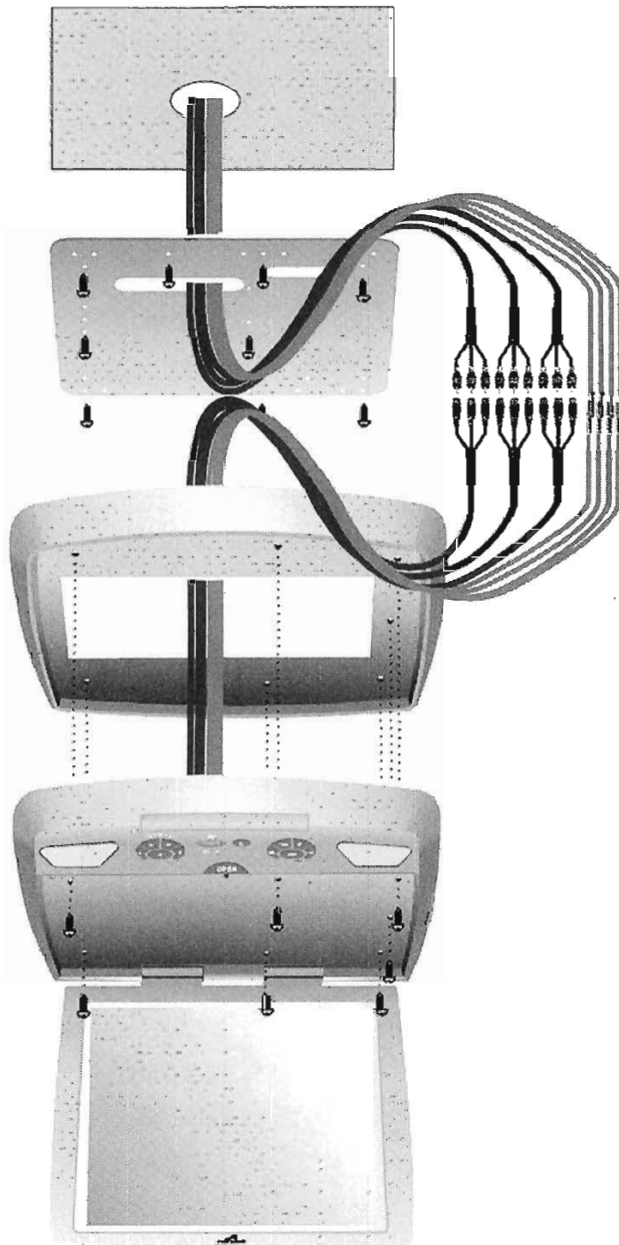
## 9. DVD FUNCTION

 <b>SLOW</b>	<p>It plays a disc in slow forward or slow reverse.          Slow forward : x2, x4, x8, x16 (press Slow button)          Slow reverse : x2, x4, x8, x16 (press Slow button again)</p>						
 <b>STOP</b>	<p>Press STOP button to stop disc.</p>						
 <b>STEP</b>	<p>Scan the scene during pause.</p>						
 <b>SUB-T</b>	<p>Press the SUB-T to select a sub-title language.</p>						
 <b>TITLE</b>	<p>Display the title menu of loaded DVD disc.</p>						
 <b>REPEAT</b>	<p>Press the repeat button to change the modes as follows.</p> <table border="1" data-bbox="456 1499 1414 1919"> <thead> <tr> <th data-bbox="456 1499 743 1541"><b>DVD</b></th> <th data-bbox="792 1499 1079 1541"><b>AUDIO</b></th> <th data-bbox="1128 1499 1414 1541"><b>MP3</b></th> </tr> </thead> <tbody> <tr> <td data-bbox="456 1541 743 1919">                     Chapter                      Title                      All                      (Repeat Off)                 </td> <td data-bbox="792 1541 1079 1919">                     Track                      All                      (Repeat Off)                 </td> <td data-bbox="1128 1541 1414 1919">                     Repeat One                      Repeat Folder                      Folder                      (repeat one time)                      Shuffle(all)                      Random                      Single                 </td> </tr> </tbody> </table>	<b>DVD</b>	<b>AUDIO</b>	<b>MP3</b>	Chapter Title All (Repeat Off)	Track All (Repeat Off)	Repeat One Repeat Folder Folder (repeat one time) Shuffle(all) Random Single
<b>DVD</b>	<b>AUDIO</b>	<b>MP3</b>					
Chapter Title All (Repeat Off)	Track All (Repeat Off)	Repeat One Repeat Folder Folder (repeat one time) Shuffle(all) Random Single					

## 9. DVD FUNCTION

 <b>A-B</b>	<p>Repeat the selected segment. It will be repeated automatically until canceled.</p>															
 <b>GOTO</b>	<p>You can control the menu while watching DVD. When you press this button, you can move to the menu you desired. (Title, Chapter, Audio Output, Subtitle)</p> <ul style="list-style-type: none"> <li>※ Angle : watch the different view angle</li> <li>TT Time : Total time</li> <li>CH Time : Chapter Time</li> <li>Repeat : set the repeat mode</li> <li>Time Display : watch the condition of display.</li> </ul>															
 <b>PBC</b>	<p><b>Play Back Control</b> function. By using this button, you can turn on/off the PBC function. And PBC is enabled automatically when it loaded.</p>															
 <b>SETUP (A.MEMO)</b>	<p>Adjust various DVD functions to your preference. (A.MEMO : it works on TV mode)</p>															
 <b>DISPLAY</b>	<p>Pressing the DISPLAY button changes the modes as follows.</p> <table border="1" data-bbox="441 1537 1416 1936"> <thead> <tr> <th data-bbox="441 1537 824 1621"><b>DVD</b></th> <th data-bbox="863 1537 1123 1621"><b>AUDIO</b></th> <th data-bbox="1162 1537 1416 1621"><b>VCD</b></th> </tr> </thead> <tbody> <tr> <td data-bbox="441 1621 824 1705">Title Remain(display title&amp;chapter)</td> <td data-bbox="863 1621 1123 1705">Single Elapsed</td> <td data-bbox="1162 1621 1416 1705">Single Elapsed (display time)</td> </tr> <tr> <td data-bbox="441 1705 824 1747">Chapter Elapsed(display left title)</td> <td data-bbox="863 1705 1123 1747">Single Remain</td> <td data-bbox="1162 1705 1416 1747">Single Remain (left display time)</td> </tr> <tr> <td data-bbox="441 1747 824 1831">Chapter Remain (display chapter elapsed)</td> <td data-bbox="863 1747 1123 1789">Total Elapsed</td> <td data-bbox="1162 1747 1416 1789">Single Remain (left display time)</td> </tr> <tr> <td data-bbox="441 1831 824 1936">Display Off(no sign)</td> <td data-bbox="863 1831 1123 1936">Total Remain</td> <td data-bbox="1162 1831 1416 1936">Display Off (no sign)</td> </tr> </tbody> </table>	<b>DVD</b>	<b>AUDIO</b>	<b>VCD</b>	Title Remain(display title&chapter)	Single Elapsed	Single Elapsed (display time)	Chapter Elapsed(display left title)	Single Remain	Single Remain (left display time)	Chapter Remain (display chapter elapsed)	Total Elapsed	Single Remain (left display time)	Display Off(no sign)	Total Remain	Display Off (no sign)
<b>DVD</b>	<b>AUDIO</b>	<b>VCD</b>														
Title Remain(display title&chapter)	Single Elapsed	Single Elapsed (display time)														
Chapter Elapsed(display left title)	Single Remain	Single Remain (left display time)														
Chapter Remain (display chapter elapsed)	Total Elapsed	Single Remain (left display time)														
Display Off(no sign)	Total Remain	Display Off (no sign)														

## 10. INSTALLATION

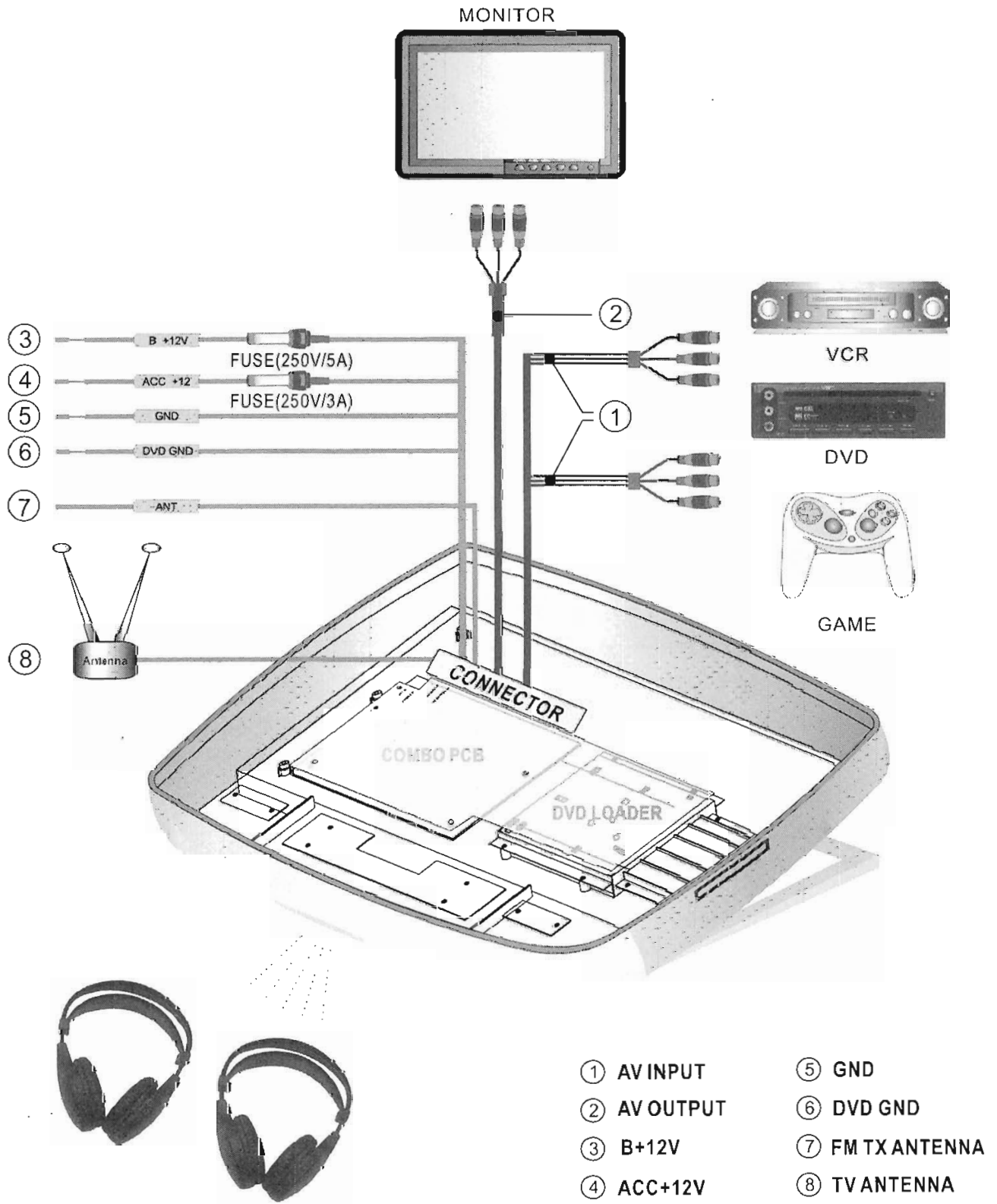


Installation instruction

1. Place the mounting plate with screws where you want to install
2. Connect each cable to proper positions.
3. Match the position of mounting bracket.
4. Match the position of the unit and tighten it with screws.

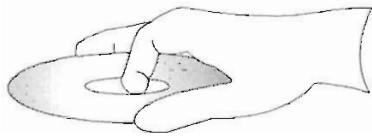
※ For easy installation, refer to installation instruction as above .

# 11. CONNECTION DIAGRAM



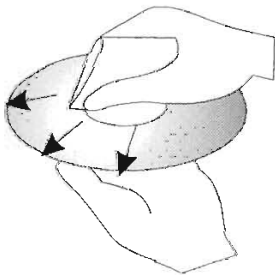
## 12. HANDLING DISC

### HOW TO HANDLE THE DISC



1. Be careful not to touch the disc surface.
2. Keep the disc surface clean and free of scratches.
3. Don't stick a label or glue-based note on either side of the disc.
4. Do not leave discs in direct sunlight.

### HOW TO CLEAN THE DISC



1. Wipe the disc with dry and soft cloth from center to edges.
2. Dirt or fingerprint on the disc may cause break in playback.
3. Do not use a scratched disc to avoid damaging your DVD player.

## 13. SPECIFICATIONS

<b>POWER</b>	DC 12V
<b>SCREEN FORMAT</b>	4 : 3
<b>RESOLUTION</b>	1024(RGB) X 768 Pixel
<b>BRIGHTNESS</b>	350 cd/m <sup>2</sup>
<b>SYSTEM</b>	NTSC/PAL AUTO SELECTION
<b>LCD PANEL</b>	15 inch
<b>A/V INPUT</b>	2 EA
<b>A/V OUTPUT</b>	1 EA
<b>IR TRANSMITTER</b>	YES
<b>TV TUNER</b>	YES
<b>FM TRANSMITTER</b>	88.0MHZ ~ 92.0MHZ (step by 100KHZ)
<b>DIMENSIONS</b>	435(W) X 435(H) X 50(D) mm