

INSTRUCTION MANUAL

000,0
3300 or 4400.

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/m²
- Super Bright Light Reflecting Glossy Finish TFT/LCD
- Built-in Last Position Memory play back system

※ 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



Don't watch and operate monitor while driving.



Do not expose this unit to liquid. If liquid spilled on unit, power it off.



Don't attempt to service this unit by yourself when breakdown.



Be careful not to drop or press the LCD. Screen damage is not covered under warranty.

CAUTION



Don't watch monitor while car engine is off. (It may drain the car battery.)



Avoid heat from direct sunshine when using this unit.

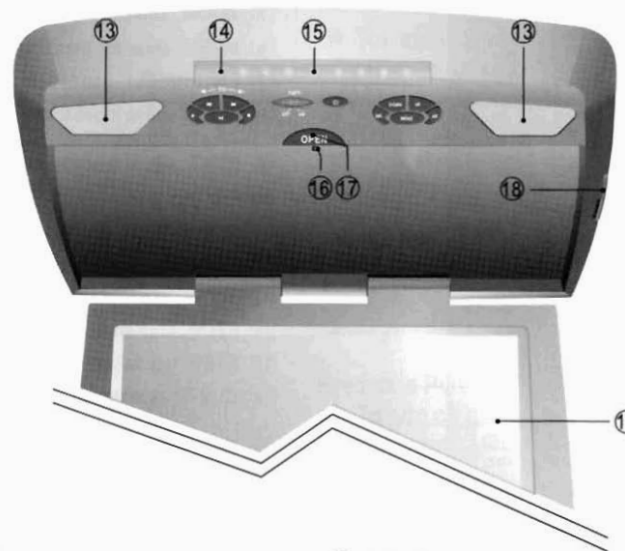
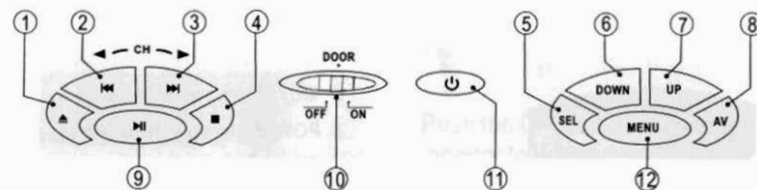
Do not move the unit during playback.



This unit is designed to be used with 12volts DC only.

3. NAMES & FUNCTION OF PARTS.

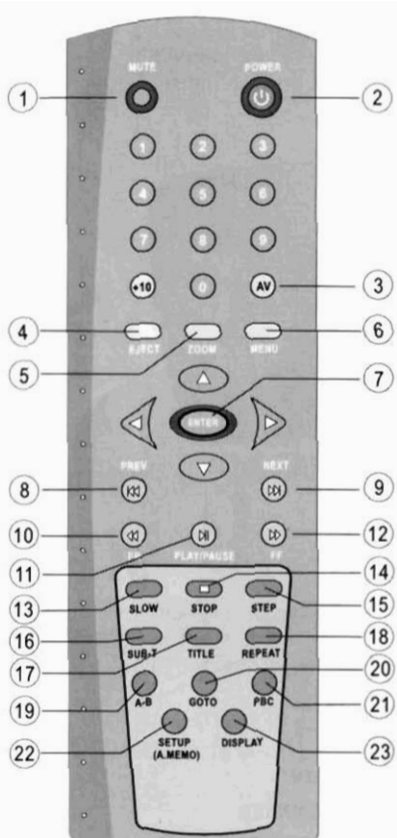
UNIT PART



- | | |
|----------------------|-------------------------|
| 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.

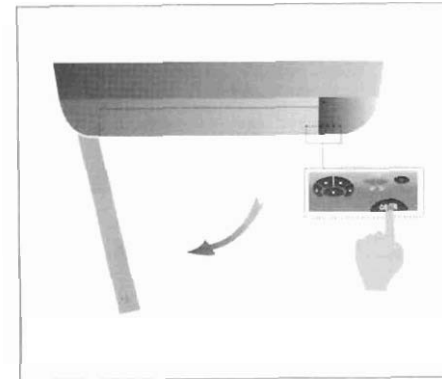
REMOTE CONTROL PART



- 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

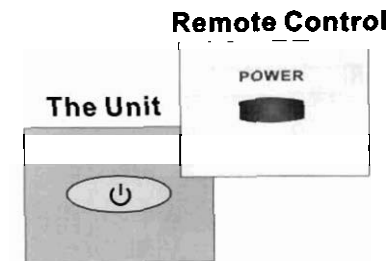
THE MONITOR RELEASE



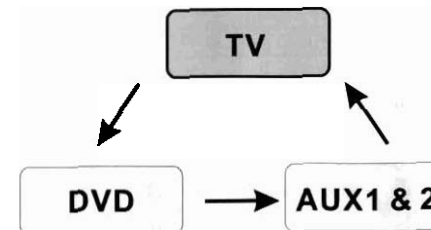
Push the OPEN button and lower the monitor to the desired level.

※ 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.

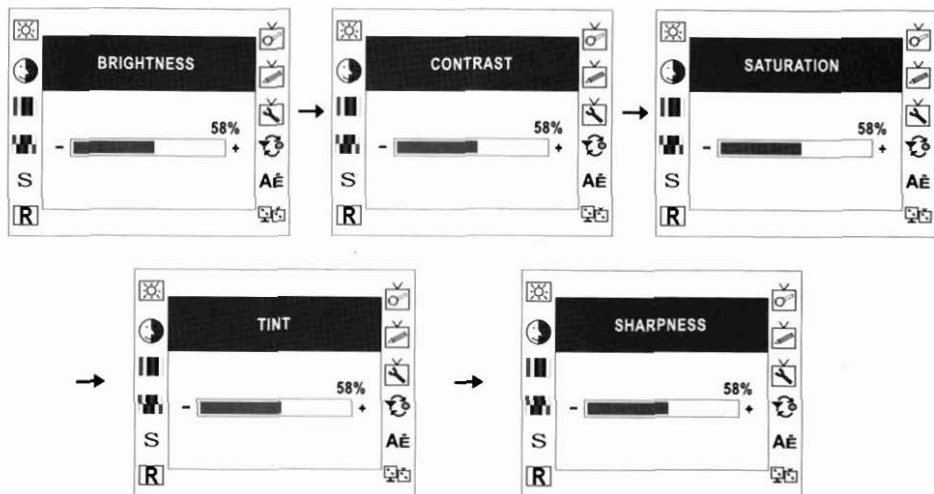


Press AV button to select the mode. Press the AV button till you get to the desired mode.

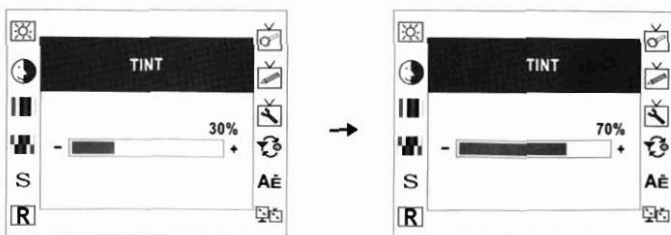
5. TV MODE

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



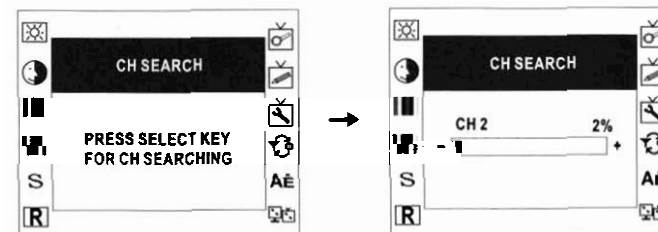
1. Press ◀ ▶ button to move to the desired menu.
(BRIGHTNESS, CONTRAST, SATURATION, TINT, SHARPNESS)
2. Press "SEL" button to choose the item you desired.
3. Adjust MENU condition by pressing ◀ ▶ button.



5. TV MODE

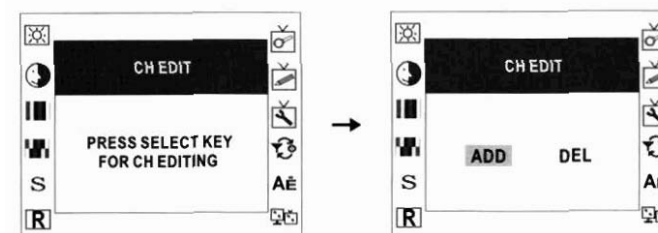
When pressing the MENU button on the remote control or monitor, the following menus will be displayed on the screen.

CH SEARCH



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

CH EDIT

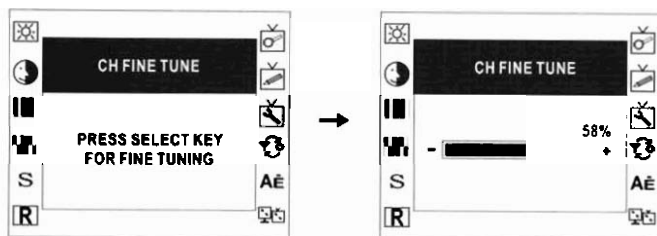


1. Press ◀ ▶ button to move "CH EDIT" menu.
2. If you press "SEL" button, "ADD", "DEL" buttons appear on the screen.
3. Use ◀ ▶ button to move "ADD" ↔ "DEL".

5. TV MODE

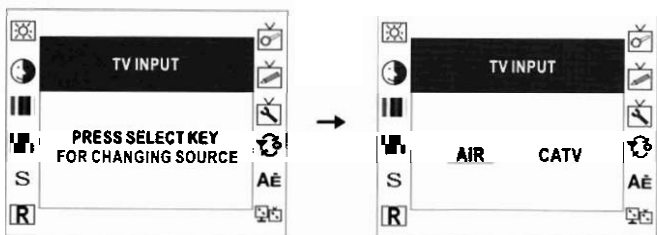
When pressing the MENU button on the remote control or monitor, the following menus will be displayed on the screen.

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

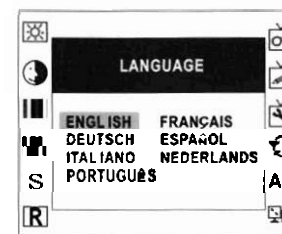


1. Press ◀ ▶ button to move "TV INPUT" menu.
2. If you press "SEL" button, "AIR", "CATV" buttons appear on the screen
3. Use ◀ ▶ button to move "AIR" ↔ "CATV".

5. TV MODE

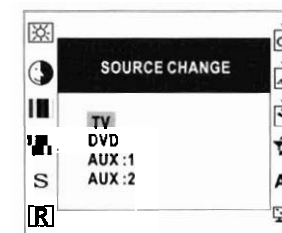
When pressing the MENU button on the remote control or monitor, the following menus will be displayed on the screen.

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

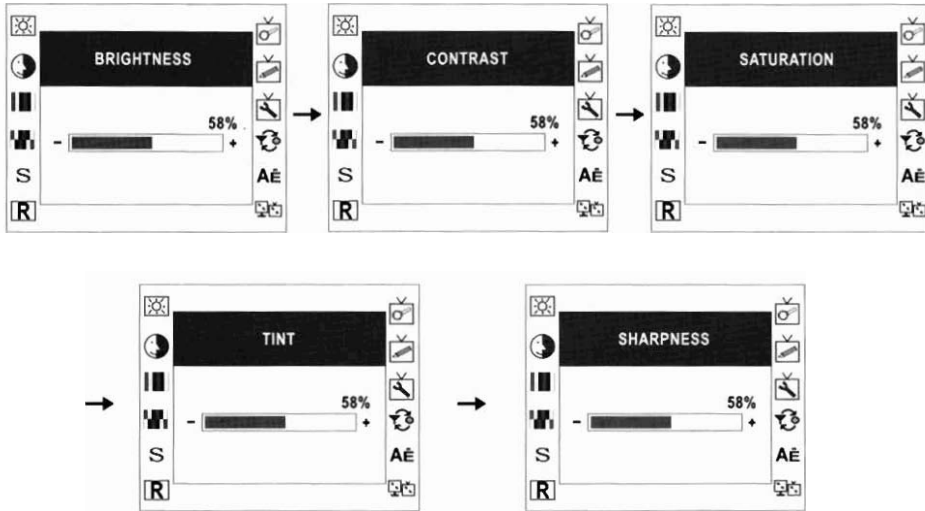


1. Press ◀ ▶ button to move "SOURCE CHANGE" menu.
2. If you press "SEL" button, you can change sources..
3. Use ◀ ▶ button to move "TV" ↔ "DVD" ↔ "AUX1" ↔ "AUX2"

6. AV/DVD MODE

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

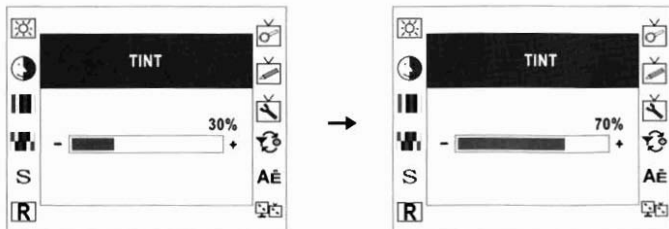
BRIGHTNESS, CONTRAST, SATURATION, TINT, SHARPNESS



1. Press ◀ ▶ button to move the desired menu.

(BRIGHTNESS, CONTRAST, SATURATION, TINT, SHARPNESS)

2. Press "SEL" button to choose item you desired.
3. Adjust MENU condition by pressing ◀ ▶ button.



6. AV/DVD MODE

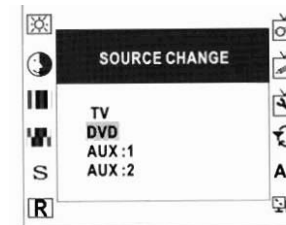
When pressing the MENU button on the remote control or monitor, the following menus will be displayed on the screen.

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.

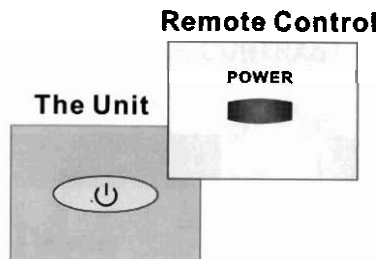
SOURCE CHANGE



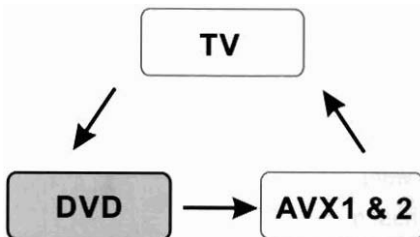
1. Press ◀ ▶ button to move "SOURCE CHANGE" menu.
2. If you press "SEL" button, you can change sources..
3. Use ◀ ▶ button to move "TV" ↔ "DVD" ↔ "AUX1" ↔ "AUX2"

7. DVD PLAYER OPERATION

PLAYING THE DVD PLAYER

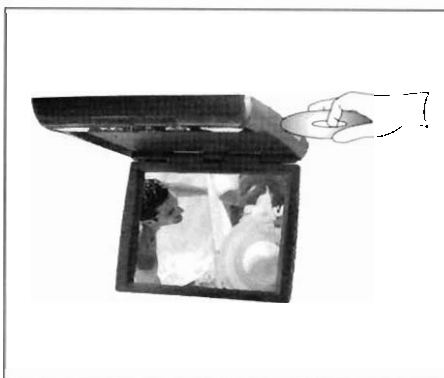


Press the POWER button to turn the power on.



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

DISC INSERT

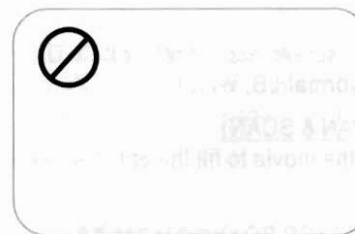


Insert the disc you want to play.

※ Most of DVD Titles will be played Automatically.

8. DVD SETUP

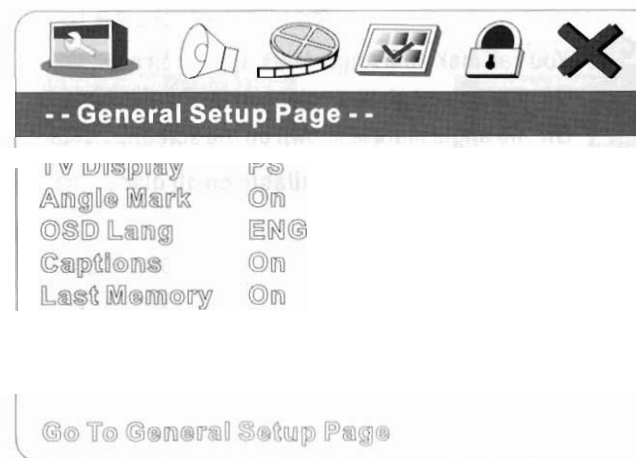
SETUP MENU-MAIN PAGE



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

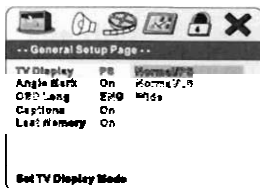
How to enter the SETUP mode

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.



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



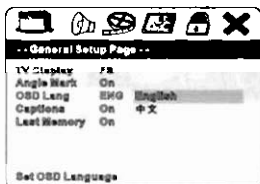
You can make the Angle Mark appear on scenes

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.

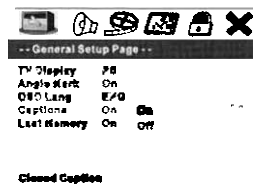
3. OSD LANG



Use this option to set the display language.

GENERAL SETUP

4. CAPTIONS

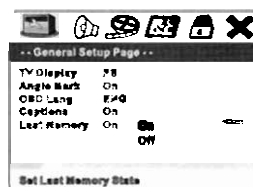


Adjust caption On/Off.

On : the captions are displayed on screen.

Off : the captions are not displayed on screen.

5. LAST MEMORY

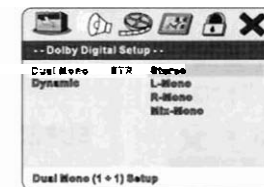
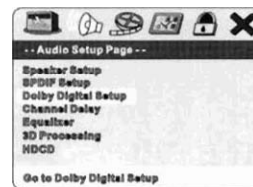


Last memory restarts the DVD at the last played scene.

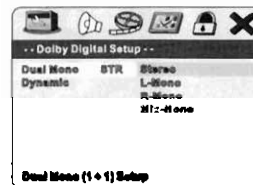
※ Last memory will not work if the disc is ejected from the DVD player.

AUDIO SETUP

1. DOLBY DIGITAL SETUP

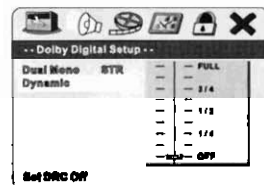


DUAL MONO



Use this function to set the input audio signal.

DYNAMIC

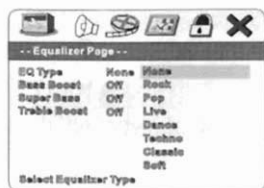


To change the setting from the factory using by this function.- Preset Off.

8. DVD SETUP

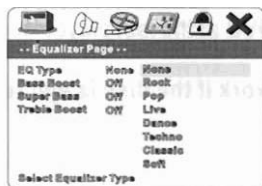
AUDIO SETUP

2.EQUALIZER



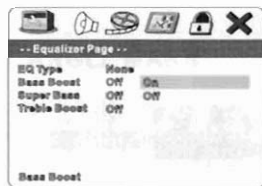
EQ TYPE

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



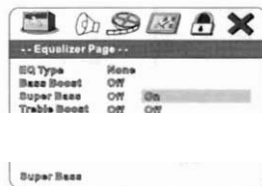
BASS BOOST

Increases low level bass frequencies.



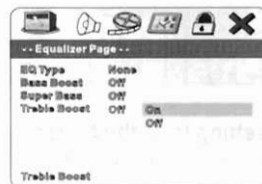
SUPER BASS

Further increases low level bass frequencies.



TREBLE BOOST

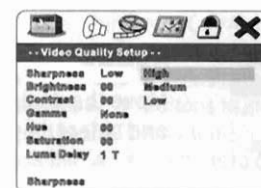
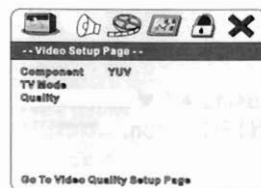
Increases high level frequencies



8. DVD SETUP

VIDEO SETUP

1.QUALITY



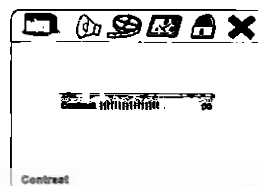
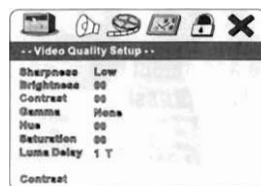
SHARPNESS

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

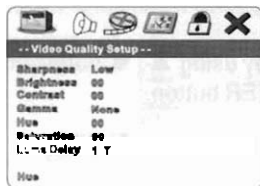
VIDEO SETUP

1. QUALITY



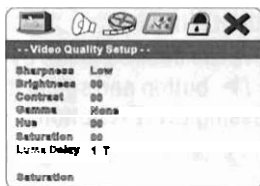
GAMMA

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



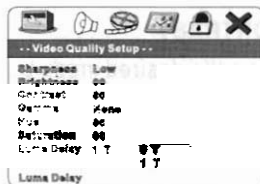
HUE

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.

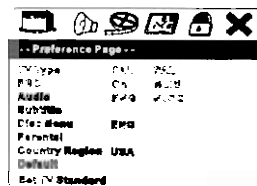


LUMA DELAY

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

8. DVD SETUP

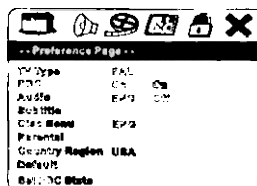
PREFERENCE



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

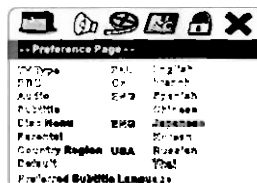


3. AUDIO

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

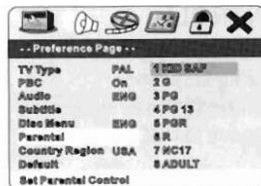
PREFERENCE



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.

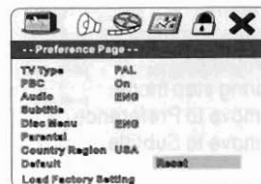
- (1) Press the SETUP button when stop mode.
- (2) Press the ◀ / ▶ buttons to move to Preference.
- (3) Press the ▲ / ▼ buttons to move to Parental.
- (4) Press the ENTER button.
- (5) Press the ▲ / ▼ buttons to select desired parental level..



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

MUTE



Press the MUTE button turns muting on and off.



EJECT

Pressing eject will eject the disc from the player.



ZOOM

Whenever you press ZOOM button, the picture size will be changed as follows. (x2, x3, x4, x1/2, x1/3, x1/4)



MENU

MENU button displays various DVD menu. The content of it depends on the DVD.



PREV



NEXT

Move to the previous/next chapter from the current chapter.



FR



FF

Whenever you press FR/FF button, the play mode will be changed as follows. (x2, x4, x8, x16, x32 reverse/forward search)



PLAY/PAUSE

Press this button to play or pause a disc.

9. DVD FUNCTION

SLOW

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)



STOP

Press STOP button to stop disc.



STEP

Scan the scene during pause.

Press the SUB-T to select a sub-title language.



TITLE

Display the title menu of loaded DVD disc



REPEAT

Press the repeat button to change the modes as follows.

DVD

Chapter

Title

All

(Repeat Off)

AUDIO

Track

All

(Repeat Off)

MP3

Repeat One
Repeat Folder

Folder
(repeat one time)

Shuffle(all)

Random
Single

9. DVD FUNCTION



A-B

Repeat the selected segment.
It will be repeated automatically until canceled.



GOTO

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)

※ Angle : watch the different view angle
TT Time : Total time
CH Time : Chapter Time
Repeat : set the repeat mode
Time Display : watch the condition of display.



PBC

Play Back Control function.
By using this button, you can turn on/off the PBC function.
And PBC is enabled automatically when it loaded.



SETUP
(A.MEMO)

Adjust various DVD functions to your preference.
(A.MEMO : it works on TV mode)

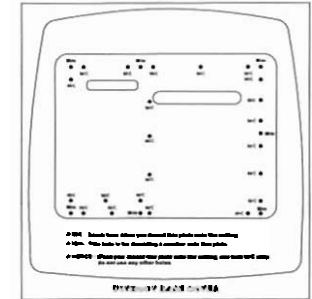
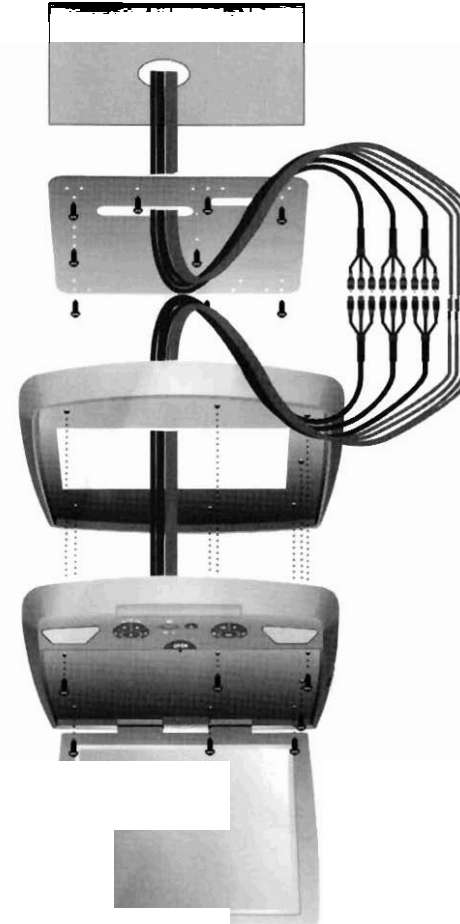


DISPLAY

Pressing the DISPLAY button changes the modes as follows.

DVD	AUDIO	VCD
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	Display Off (no sign)
Display Off(no sign)	Total Remain	

10. INSTALLATION

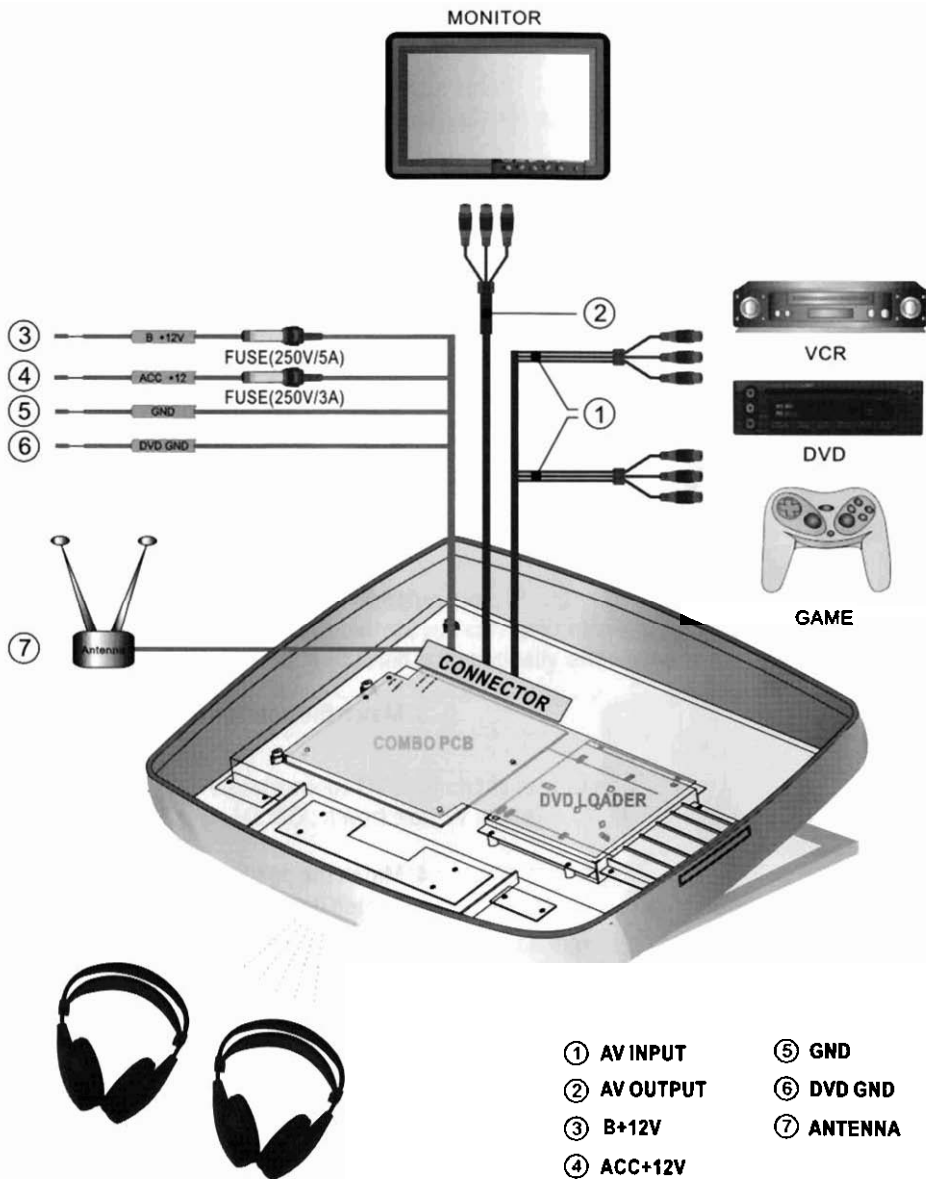


Installation instruction

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



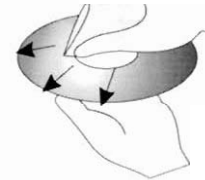
12. HANDLING DISC

HOW TO HANDLE THE DISC



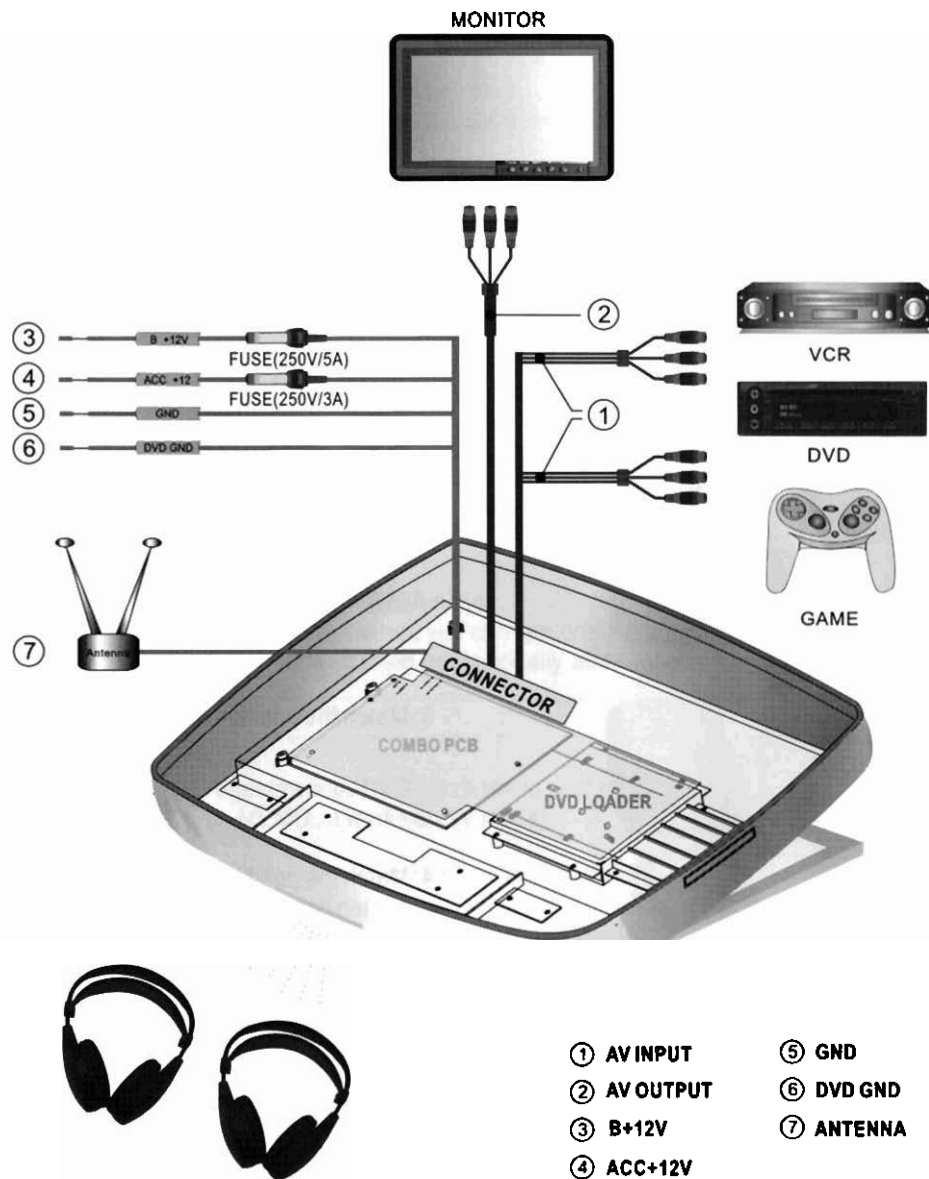
1. Be careful not to touch the disc surface.
2. Keep the disc surface clean and free of scratches.
3. Don't stick a label or glue-based note on either side of the disc.
4. Do not leave discs in direct sunlight.

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.

11. CONNECTION DIAGRAM



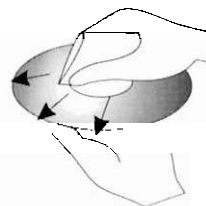
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end