

10.2" TFT LCD TV & DVD PLAYER



10.2" TFT LCD TV & DVD PLAYER

USER'S MANUAL

Please read the manual carefully before using



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to person.



CAUTION: TO PREVENT THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing, instruction in the literature accompanying the appliance).

CLASS 1 LASER PRODUCT



CAUTION Invisible laser radiation when open and interlock failed or defeated, avoid direct exposure to laser beam.



CAUTION Do not open any covers refer all servicing to Qualified personnel.



CAUTION Be sure to operate product correctly as instructed.



CAUTION The product should not be used near heat sources such as radiators, stoves and other objects that produce heat.



CAUTION This product should be operated only from the type of power source indicated on the manual.



CAUTION Do not move the player during playback.



WARNING To reduce the risk of fire or electrical shock, do not expose this appliance to rain or moisture.



WARNING Do not watch motion picture while driving.

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1. COMPATIBLE DISCS

Available disc types in the DVD player.

Type of playable discs	Marks of playable discs	information	Diameter	Playback Time
DVD		Video & Audio	12cm	Single Layer Dual Layer
VIDEO-CD		Video & Audio	12cm	74minutes
AUDIO-CD		Audio	12cm	74minutes

* VCD 2.0 works same as VCD1.1

10.2" TFT LCD TV & DVD PLAYER

2. HOW TO RECORD

CD-R, RW

MP3	File extension mp3 or disc by MP3
VCD	A disc is made in VCD format(Ver. 1.1, 2.0)
JPEG	File extension jpg or disc by JPG

DVD-R, RW, +R, +RW

This unit can play DVD-R/RW/+R/+RW discs recorded in DVD video format.

3. CAUTIONS ON HANDLING DISCS

1. HOW TO HANDLE



- ① Pick up the disc by pressing the center of the supporting piece when taking out a disc from the case.
- ② Be careful not to leave a fingerprint.
- ③ Do not make any scratches on the signal surface and keep it clean.
- ④ Do not attach paper or seals on the disc.

2. HOW TO CLEAN



- ① Fingerprints or dirt on the disc may reduce sound and picture quality or cause break in playback.
- ② Wipe the disc with dry and soft cloth from center to edges.
- ③ Do not use thinner, benzene or other volatile chemicals which might cause damage the disc.

3. DISC STORAGE



Do not keep under direct sunlight and humid places.



Keep in a cool ventilated area.



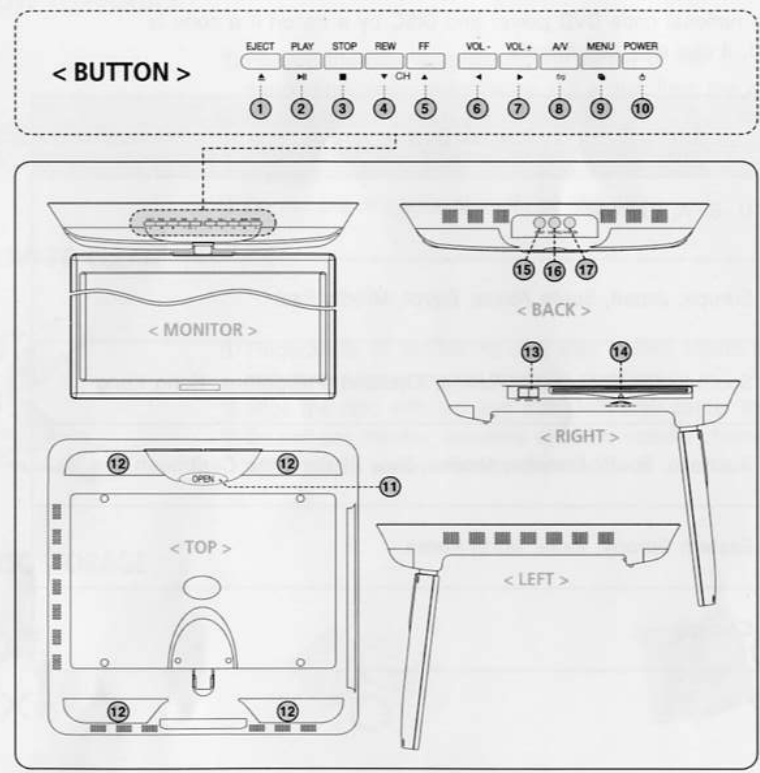
Keep in a clean protection jacket.

4. REGION CODE

There is national code DVD player and DISC by a nation if a code is matched, it can play use it code.

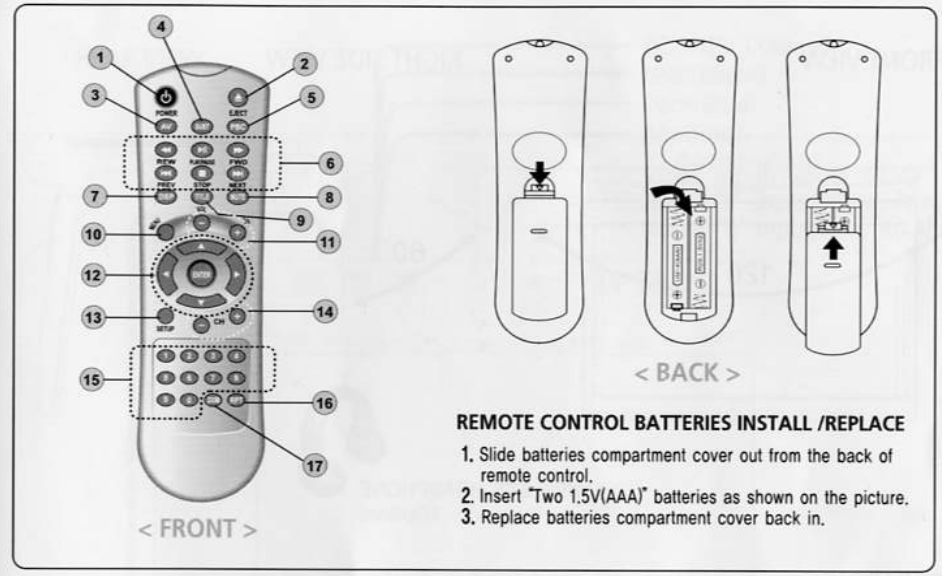
NO.	COUNTRY
1	U · S · A, Canada
2	Europe, Japan, South Africa, Egypt, Middle East
3	South Korea, Indonesia, Taiwan, Thailand, Philippines, Hong Kong
4	Australia, South America, Mexico, New Zealand the Caribbean Sea.
5	Eastern Europe, India, North Korea
6	China.

1. MONITOR



- 1 DISC EJECT
- 2 DISC PLAY
- 3 DISC STOP
- 4 DISC REW/CHANNEL DOWN
- 5 DISC FWD(FF)/CHANNEL UP
- 6 VOLUME/DOWN
- 7 VOLUME/UP
- 8 CHANGE INPUT SOURCE
- 9 MENU
- 10 POWER
- 11 MONITOR OPEN SWITCH
- 12 DOME LIGHT LAMP(4EA)
- 13 CONTROL SWITCH (OFF/DOOR/ON)
- 14 CD INPUT
- 15 VIDEO INPUT (Yellow, RCA)
- 16 AUDIO "L" INPUT(White,RCA)
- 17 AUDIO "R" INPUT(Red, RCA)

2. REMOTE CONTROL



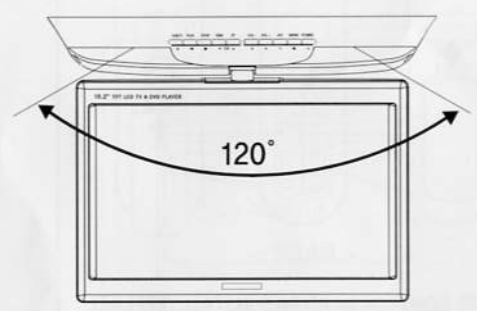
REMOTE CONTROL BATTERIES INSTALL /REPLACE

1. Slide batteries compartment cover out from the back of remote control.
2. Insert "Two 1.5V(AAA)" batteries as shown on the picture.
3. Replace batteries compartment cover back in.

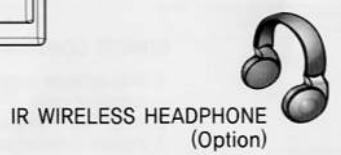
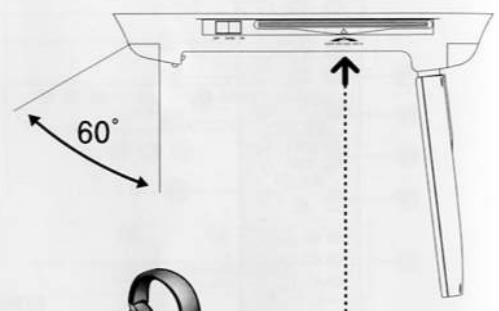
- 1 POWER : Turns on/off the player.
- 2 EJECT : Eject disc.
- 3 A/V : Changes input source (DVD-TV-AV).
- 4 SUBT : Changes the subtitle language to another available language or sets OFF.
- 5 PBC : Playback Control.
- 6 REW/FWD(FF) : Press for fast reverse or forward scanning during playback(x2, x4, x6, x8...).
- 7 PLAY/PAUSE : Play or Pause video and audio media.
- 8 PREV/NEXT : Select previous or next track, title, chapter or index. Select the beginning of current, track, title, chapter or index.
- 9 STOP : Stop video playback in DVD and VIDEO CD mode.
- 10 DSP : Show an information of playing state.
- 11 MUTE : Turn on/off the sound.
- 12 TITLE : Display title of DVD disc on the screen.
- 13 MENU : Adjusting function.
- 14 VOL +/- : Volume Up/Down, adjusting function.
- 15 ARROW BUTTONS : Use to move to the desired menu.
- 16 ENTER : Selects menu items and begins disc play.
- 17 SETUP : Adjusting function (DVD).
- 18 CH +/- : TV Channel Up/Down.
- 19 NUMERIC BUTTONS : Use when making a selection on menu screens.
- 20 RPT : Selects an title, chapter or track you want to repeat.
- 21 ZOOM : Zoom in on picture (x1.5, x2, x3, Off).

1. CONNECTION DIAGRAM

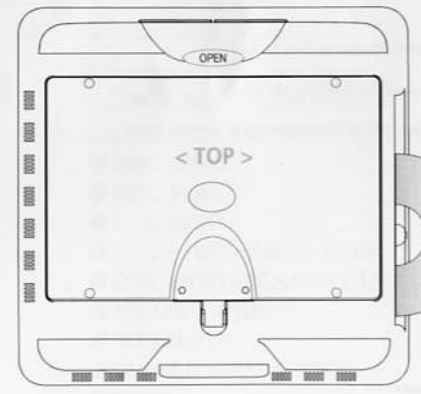
FRONT VIEW



RIGHT SIDE VIEW



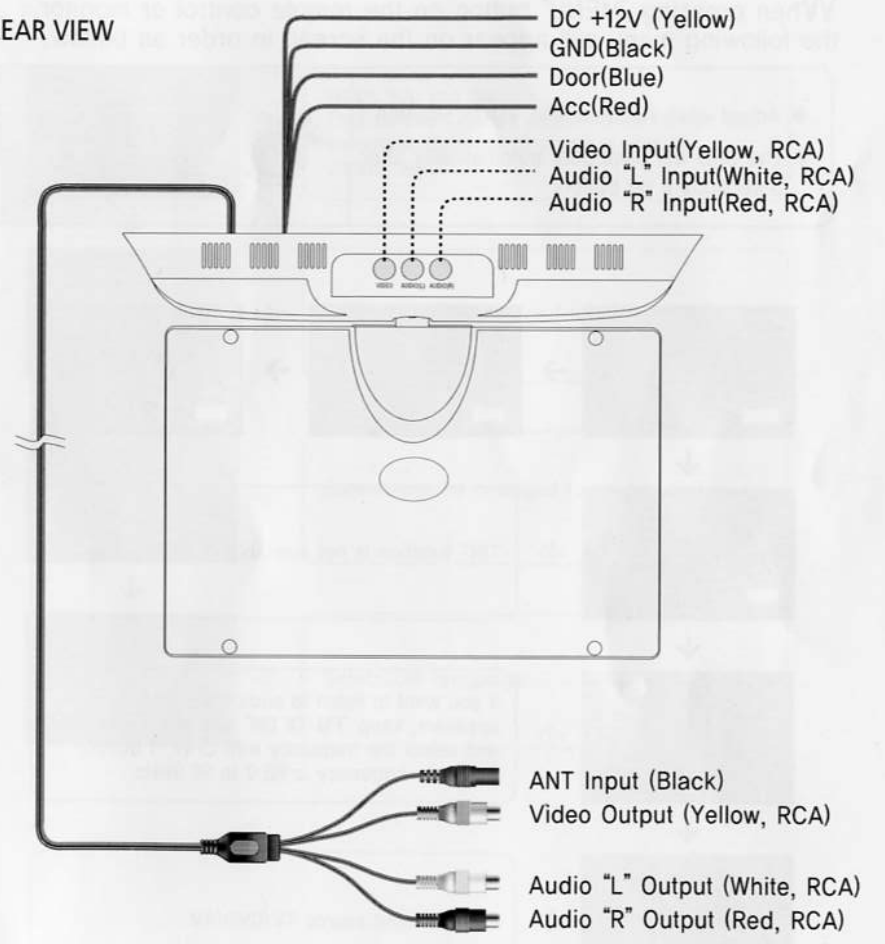
TOP VIEW



← DISC INPUT.....
(Labeled side facing up)

Signal Surface

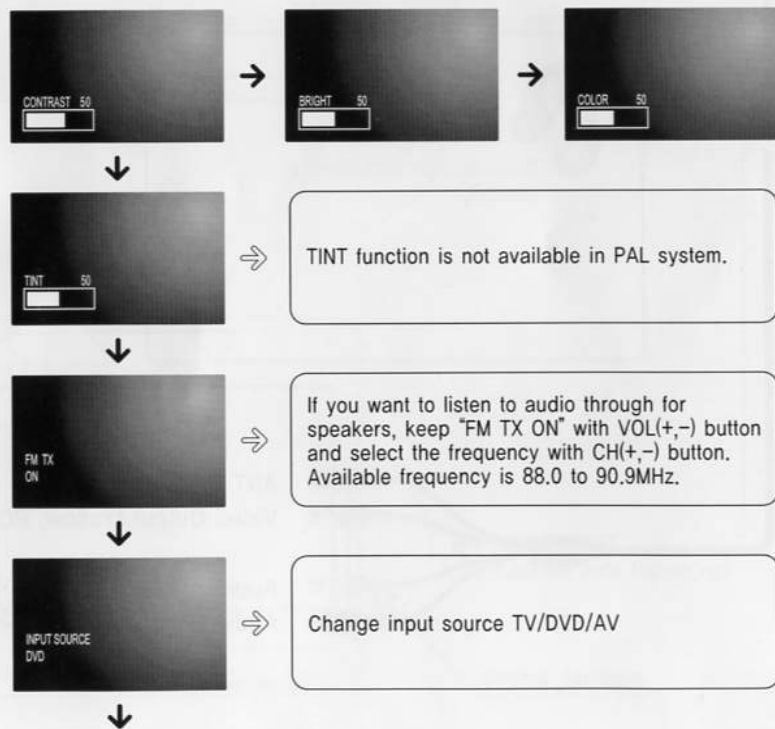
REAR VIEW



1. MONITOR (AV/DVD MODE)

When pressing "MENU" button on the remote control or monitor, the following menu will appear on the screen in order as bellow.

- ◆ Adjust each function with VOL(+,-)button.
- ◆ The OSD will disappear automatically after 5 seconds if no button.



When you put the ON. This function allows power to be turned on automatically when the power jack is connected.



Screen can be changed to left and right.

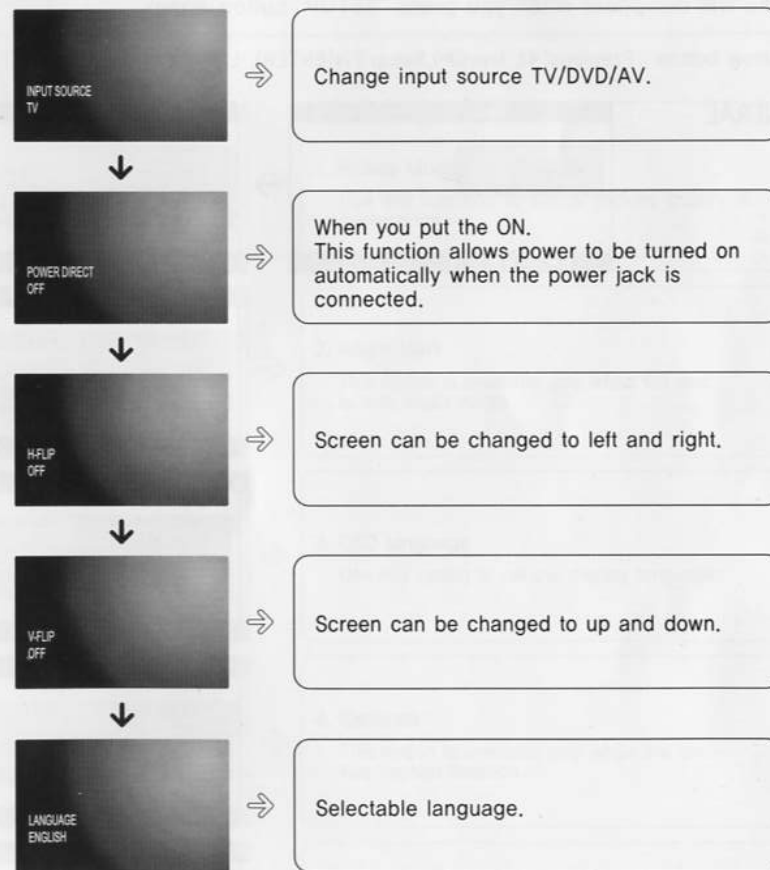
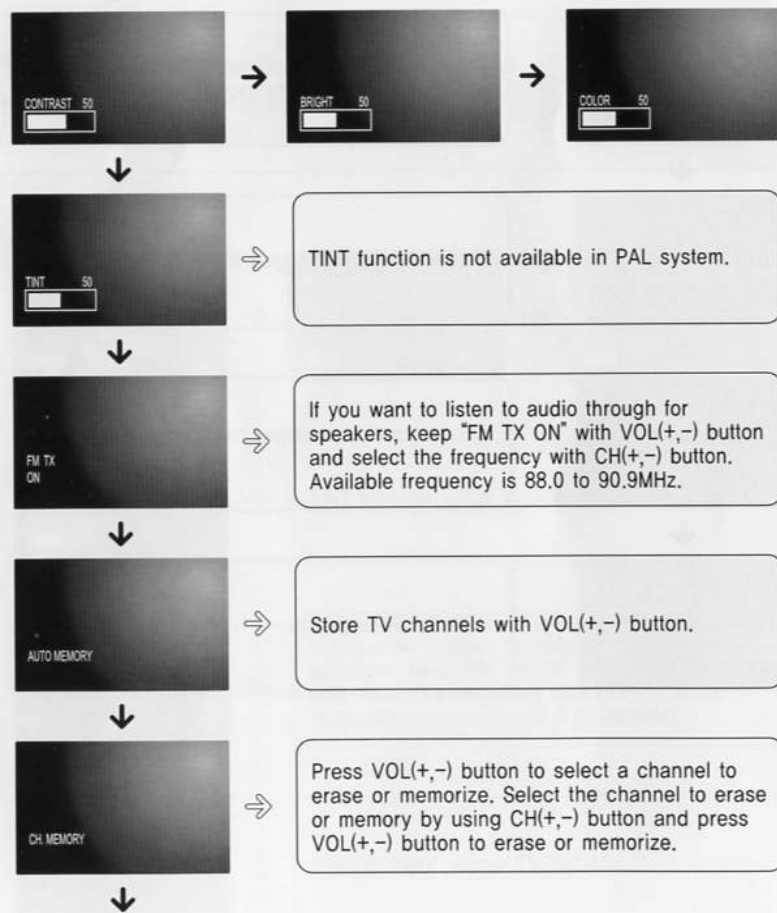


Screen can be changed to up and down.



Selectable language.

2. MONITOR (TV MODE)



1. DVD PLAYER(SETUP MENU)

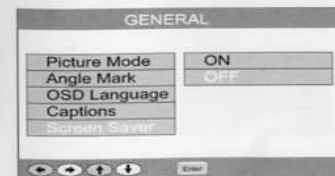
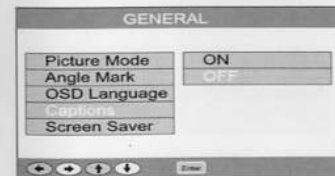
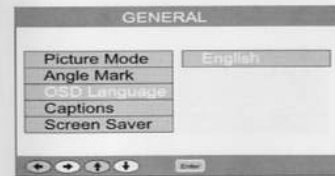
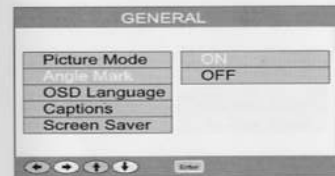
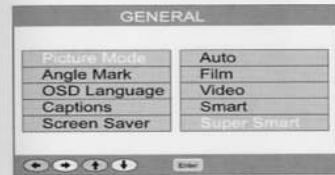
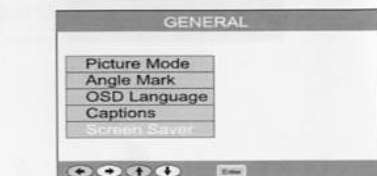
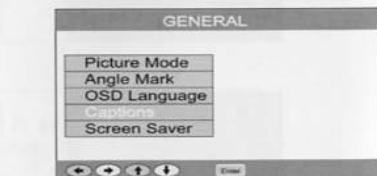
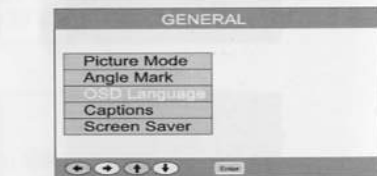
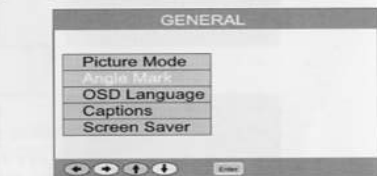
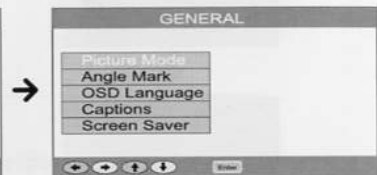
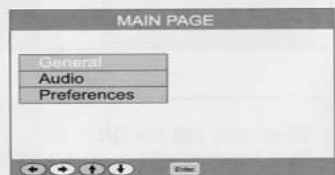
When pressing "SETUP" button on the remote control. The following menu will appear on the screen.

- ◆ Adjust each function with Arrow(◀,▶,ENTER,▲,▼) button.
- ◆ The menu will disappear when you press "SETUP" button again.



※ Hint of Arrow button : Previous(◀), Next(▶), Setup Fix(ENTER), List up(▲), List down(▼)

1. GENERAL



⇒ **1. Picture Mode.**
Use this function to adjust picture quality of preference.

⇒ **2. Angle Mark**
This option is available only when the disc is with angle marks.

⇒ **3. OSD language**
Use this option to set the display language.

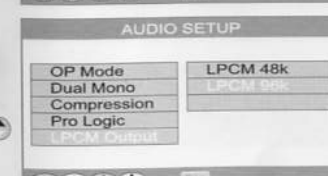
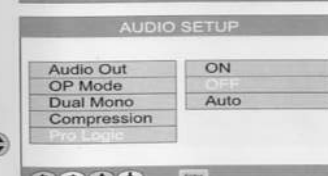
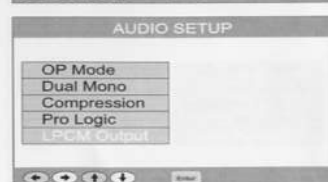
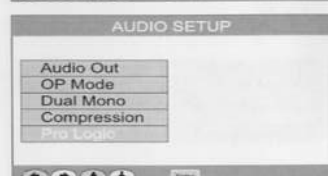
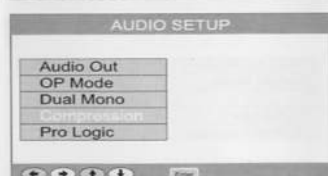
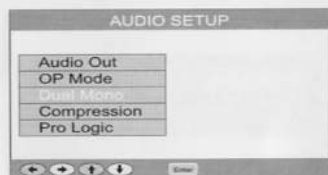
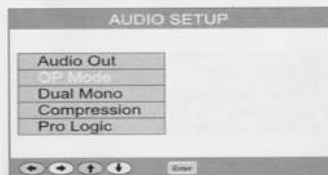
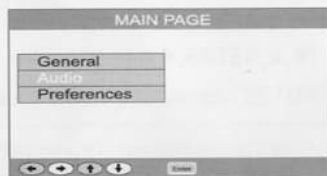
⇒ **4. Captions**
This option is available only when the disc has caption function.

⇒ **5. Screen Saver**
It is useful to prevent your screen from becoming damaged. A moving logo appears on the screen in 3 minutes after stop is pressed.

1. DVD PLAYER(SETUP MENU)

※ Hint of Arrow button : Previous(◀), Next(▶), Setup Fix(ENTER), List up(▲), List down(▼)

2. AUDIO



1. Audio out
 This function is useful when unit has coaxial output, jack.
 • Analog : Available.
 • SPDIF/RAW : Not Available.
 • SPDIF/PCM : Not Available.

2. OP Mode (Operational Mode)
 • Line out : Available.
 • RF Remod : NC

3. Dual Mono
 This is useful only when the input consists of two independent audio channels.
 • Stereo : Reproduce both channels as it is.
 • L-Mode : Reproduce left channel only.
 • R-Mode : Reproduce right channel only.
 • Mix-Mode : Mix both channels.

4. Compression
 It compresses the dynamic range of a disc's soundtrack. It is useful when you listen to audio(of the video) at lower volume without losing dialogue intelligibility.

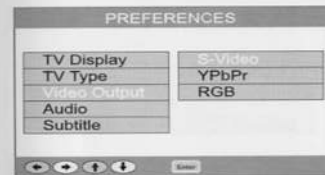
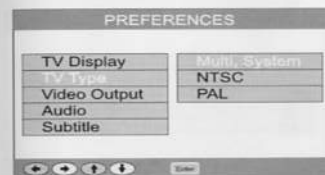
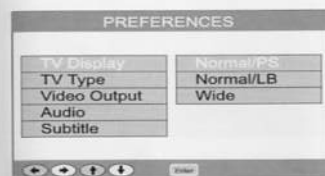
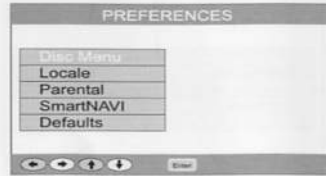
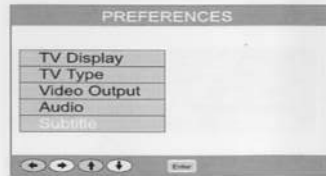
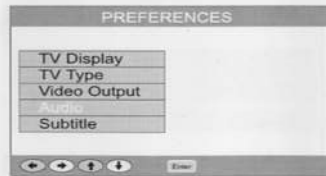
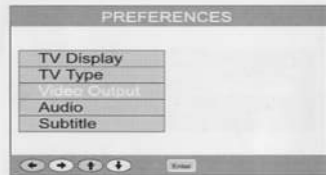
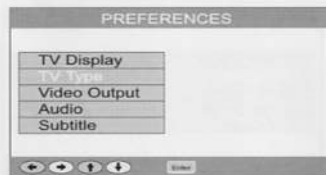
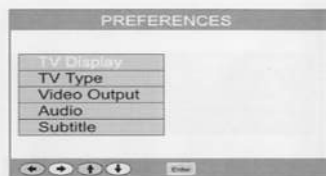
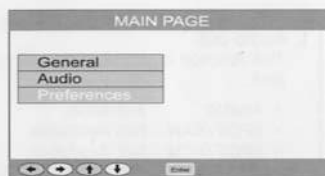
5. Pro Logic
 It is not available.

6. LPCM Output
 • LPCM 48K : LPCM OUTPUT 48K
 • LPCM 96K : LPCM OUTPUT 96K

1. DVD PLAYER(SETUP MENU)

※ Hint of Arrow button : Previous(◀), Next(▶), Setup Fix(ENTER), List up(▲), List down(▼)

3. PREFERENCES



1. TV Display
It is to select the aspect ratio of the playback picture. Screen for this unit is fixed as wide. Set wide only.
• NORMAL/PS : Pan and scan display. This function is useful when your screen is 4:3 type.
• NORMAL/LB : Letterbox display.

2. TV Type
Choose the color system.
• Multi System : Not available in this unit.
• NTSC : Available in U.S.A, Japan etc.
• PAL : Available in Europe, Asia and China etc.

3. Video Output
• S-Video : Available
• YPbPr : NC
• RGB : NC

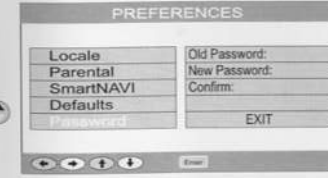
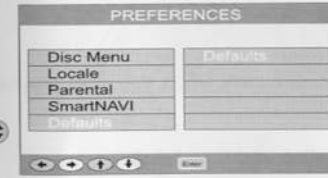
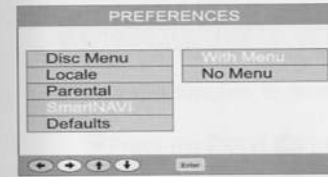
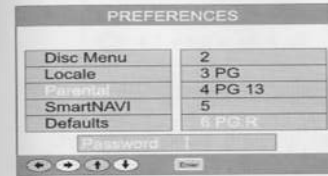
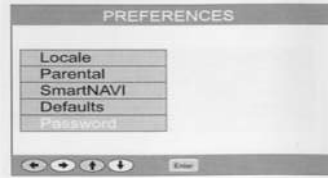
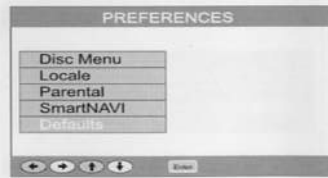
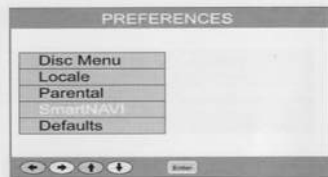
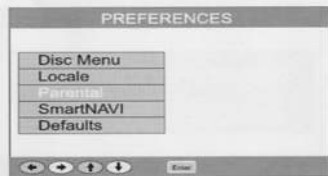
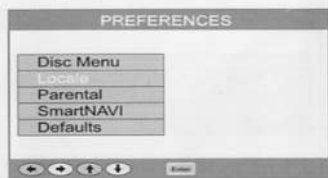
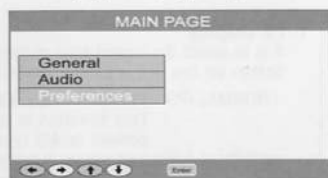
4. Audio
Use the audio language menu to select the subtitle language that you prefer. It is possible to change the audio sound track language. This function is useful only with discs on which multiple audio soundtrack languages are recorded.

5. Subtitle
Use the subtitle language menu to select the subtitle language that you prefer. This function is useful when the disc has a function of multiple subtitle languages.

6. Disc Menu
Use this function to select the language of disc menu that is displayed in.

1. DVD PLAYER(SETUP MENU)

* Hint of Arrow botton : Previous(◀), Next(▶), Setup Fix(ENTER), List up(▲), List down(▼)



7. Locale
The minor grades depends on the country. Use this option to set the minor grades according to your country. Select your country and it will be set automatically.

8. 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.

9. Smart NAVI
It shows you an information of MP3 disc during playing.

10. Default
Use this function to reset all functions to the factory defaults.

11. Password
Password change
 • Select "Password" sub item.
 • Enter your "Old password" and "New password" in 4 digits.
 • Re-enter new password for confirmation then press the "ENTER" button.
 • Normal password : 3308




◆ Do not forget the password.
◆ The setting cannot be changed without the correct password.

1. DVD PLAYER(BASIC OPERATION)







1. DVD/ VCD

HOW TO PLAY A DVD







- ① Press the POWER () button.
- ② Insert an DVD disc. Ensure that the labeled side facing up when placing it.

BASIC PLAYBACK CONTROLS

- PLAY/PAUSE () : Start playback or pause on a disc on playing (press it again to replay).
- STOP () : Stop playback.
- REW () : Press for fast backward searching.
- FWD(FF) () : Press for fast forward searching.
- PREV () : Skip to the previous chapter.
- NEXT () : Skip to the next chapter.

BASIC DISC MENU CONTROLS

Some DVD's has its own menu. Sometimes it is displayed automatically when you start playback

- TITLE () : Displays the top menu of a DVD disc.
- MENU () : Displays a DVD menu. This varies with the disc and may be the same as the top menu.
- ARROW () : Move the cursor on the screen.
- ENTER () : Selects the current menu option.





NOTE




- ◆ Do not move the DVD player during playback, doing so may damage the disc and the DVD player.
- ◆ When "⊘" appears on the TV screen while a button is pressed, it means that this function is not available on the disc you are playing.
- ◆ Depending on the DVD, some operations may be different or restricted. Refer to the jacket or case of disc you are playing.

FAST FORWARD/ REVERSE



Use this function to play the DISC contents in fast forward or fast reverse. when searching, audio will be muted on searching (except CD-DA).

DVD

 x2 • x4 • x6 • x8
 x2 • x4 • x6 • x8



- Press the REW () or FWD(FF) () button during playback.
- Press the PLAY/PAUSE () button to resume normal playback.

VCD

 x2 • x4 • x6 • x8 • x16
 x2 • x4 • x6 • x8 • x16

SKIP FORWARD/ REVERSE

Use this function to move to the next or previous chapter for DVD and CD-DA.

- Press the PREV () button to go to the previous chapter or track.
- Press the NEXT () button to go to the next chapter or track.



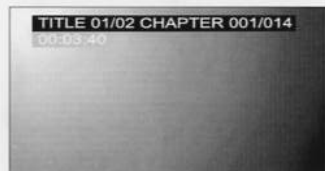
NOTE

- ◆ This function will not operate if there is only one chapter on the disc.

1. DVD PLAYER(BASIC OPERATION)

DISPLAY A PLAYBACK STATES

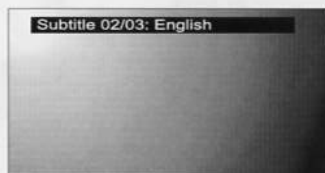
You can display the playback states on the screen as follows :
Title, Chapter number, Playing time, Disc.



- Press the DISPLAY () button during playback. Disc, Chapter (DVD), Track (CD-DA), Time information appears on screen.
- To turn off the OSD, press the DISPLAY () button.

SELECTING SUBTITLES

It is possible to change the subtitle language to a different language from the one selected at the initial settings. This operations works only with discs on which multiple subtitle languages are recorded.



- Press the SUBT () button during playback. The subtitle info banner appears. The default is Subtitle off. If no subtitles are recorded, the () icon will appear.
- Press the SUBT () button repeatedly until the desired subtitle language is displayed.
- To turn the subtitles off, press the SUBT () button until Subtitle off is displayed.



NOTE

- ◆ This function is depend on the disc. There are some DVDs that prevent selecting subtitle even if it supports multiple subtitles. In this case, the subtitle should be selected via the disc menu.

REPEATING A TITLE, CHAPTER(DVD), TRACK(CD-DA)

You can play the desired title, chapter, section repeatedly. Press the RPT () button during playback. When the Button is pressed, it will show the repeat mode as the following.

DVD
CHAPTER REPEAT ON ▷ TITLE REPEAT ON ▷ REPEAT OFF

- CHAPTER REPEAT ON
Repeats a chapter currently being played.
- TITLE REPEAT ON
Repeat a title currently being played.

CD-DA
REP-ONE ▷ REP-ALL ▷ REPEAT OFF

- REP-ONE
Repeat a track or song currently beding played.
- REP-ALL
Repeats the entire disc.
- REPEAT OFF
Resumes normal playback (stop to repeat).



NOTE




- ◆ The repeat mode may not operate for some types of disc.

1. DVD PLAYER(BASIC OPERATION)

2. MP3

HOW TO PLAY A MP3 FILE

SmartNAVI	
ROOT	ROOT
	01. MUSIC 1
	02. MUSIC 2
	03. MUSIC 3
	04. MUSIC 4
	05. MUSIC 5
	06. MUSIC 6

- Insert the MP3 disc. Make sure that the labeled side facing up.
- MP3 menu screen is displayed automatically depending on MP3 discs folder(directory) structure.
- Using the UP() or DOWN() button to find the desired folder.
- Press the ENTER () button to select. The TV screen shows the file lists under the folder.



NOTE



- ◆ Mp3 file must be formatted by ISO 9660 or JOLIET.
- ◆ The file name of MP3 can not use particular letters(\,/,;,:*,!,"',<,>,|...).
- ◆ You can not record copy protected MP3 file.
- ◆ You may not play certain MP3 disc depending on the recording condition.

3. JPEG

HOW TO SEE A JPEG FILE

When a JPEG file is loaded, the table of contents is displayed on the screen.

1. Select the picture

Select the picture that you want to see by pressing the UP() or DOWN() button. The selected item is displayed on the screen.

2. Image rotation

There are 4 modes to rotate a picture : Left, Right, Invert, Mirror

- UP () button : Invert
- DOWN () button : Mirror
- LEFT () button : Turn left
- RIGHT () button : Turn right

10.2" TFT LCD TV & DVD PLAYER

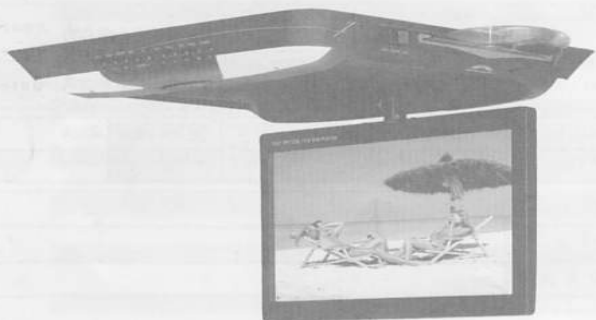
Power Source	DC 12V
Power Consumption	MAX3.0, 36W(Built-in dome light)
System	NTSC/PAL/MULTY
Operate Temperature	-5°C ~ +55°C
Storage Temperature	-20°C ~ +80°C
LCD Panel	10.2 Inch
Resolution	800(W)RGB×480(H) Pixels
Angle of Sight	L/R: ±60°, UP +50°, DOWN -60°
Video Out	1.0 Vp-p(75Ω)
Audio Out	2 Vrms(1KHz)
Supported Disc	DVD DISC VIDEO CD SUPER-VCD MP3
Dimension	11.38"(W)×11.14"(H)×1.80"(D)



WARRANTY

MODEL		MFG. NO.	
WARRANTY PERIOD	1 year		
OUTGOING	date	DATE OF PURCHASE	date
DEALER	SELLER SHOP	NAME	SELLER SHOP
	TEL.		TEL.
CUSTOMER	ADD.		
	TEL.		
	NAME		

Make sure every details in this form have been filled in. Free service will be provided during the warranty on the basis of this form.



10.2" TFT LCD TV & DVD PLAYER