32″ HD-LCD TV/DVD Combo with High Definition ATSC Tuner
FXM-3211C
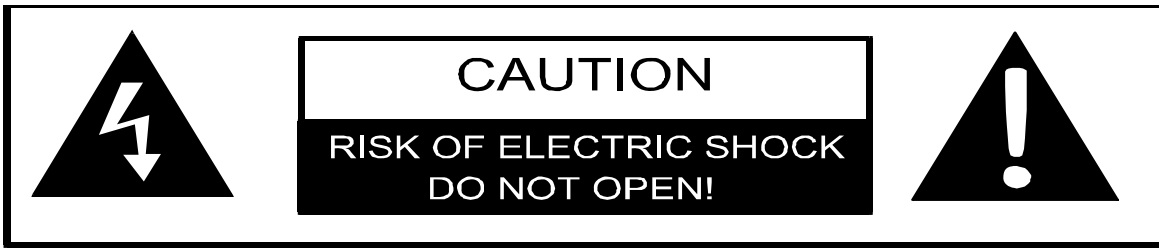
Polaroid

20060516

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Important Safety Instructions

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN!

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

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

 CAUTION: Laser radiation when open. Do not stare into beam.

CAUTION: USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

POWER SUPPLY:
Make sure the supplied power cord is connected to the TV/DVD Combo in the input marked "Power In". Plug the two-prong end of the power cord to an AC110-220V outlet. If you have difficulty inserting the plug, turn it over and reinsert it, if the unit will not the used for a long time, disconnect the plug from the outlet.

NOTE:
Before plugging the power cord into an AC outlet, make sure that all the connections have been made.

CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
Refer to service manual for servicing instructions.

Important Safety Instructions

Note:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use near water.
6. Clean only with dry cloth.

7. Do not block any ventilation openings. Maintain well ventilated conditions around the product. Do not put product on bed, sofa or anything that blocks ventilation.   Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

Note: Never touch the color TFT LCD screen with your hand.

Copyright Protection

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

Product Features

This product is designed with a moveable DVD Disc Tray. The Disc Tray can be installed in three different positions. The moveable Disc Tray offers you the flexibility to choose which direction to insert your DVD in order to maximize your space. The unit incorporates high-resolution LCD display, DVD player and TV receiver in one system.

Multiple Video Input Modes

TV mode
AV1 (Composite 1)
AV2 (Composite 2)
AV3 (Component 1)
AV4 (Component 2)
VGA
HDMI
DVD

High Quality Features

Movable DVD Disc Tray
The unit is designed with a movable DVD Disc Tray. The tray can be installed in three different positions; on top, on bottom, or on the side of the LCD. The movable DVD Disc Tray offers you the flexibility to choose which direction to insert your DVD in order to maximize your space.

TV Signal Input
Supports ATSC and NTSC signals so you can receive more TV programs.

TV Function
Auto program scan and manual program searching, provide you more convenience.

Channel Edit Function
Supports channel edit function, you can edit the channel for your preference.

Special Function
Supports V-CHIP, CCD and sleep timer setting functions.

USB and CARD PORTS
Designed with USB and SD/MS/MMC card port, can be connected to USB device or SD/MS/MMC Card.

High Resolution
Adopt an MPEG2 decoding format to achieve horizontal resolution more than 500 lines.

Superior sound
Supports SRS and SAP function, reproduce high quality sound.

LCD (Liquid Crystal Display)
Designed with 31.5" LCD display

Stereo amplifier
Built-in 2x10w speakers provide high quality sound.

AV And VGA Input
Can be connected to external audio and video signal source and PC.

Color Separation Function
Built-in 3D Y/C chroma chip to separates luma and chroma effectively.

Multi-audio and Multi-video modes
Supports Multi-audio and multi-video modes, provide more selections.

Advanced Playing Features

Compatibility
DVD, CD, CD-R, CD-RW and JPEG discs compatible.

All Playback Functions
Fast forward and reverse, slow playback and repeat playback.

Special playback.
Support multi-angle, multi-language and multi-subtitle playback.

Disc Information

Discs Formats Supported By This Player

	DISC LOGO	CONTENTS	SIZE	MAXIMUM TIME
DVD		Audio+Video (active picture)	12cm	133min(SS-SL)
				242min(SS-DL)
				266min(DS-SL)
				484min(DS-DL)
CD		Audio	12cm	74min
JPEG		Still high resolution	12cm	

- The operating method of some DVD discs is specified by the software maker. Please refer to the instruction manual of the disc.
- The DVD Player will play most recordable (CD-R) or erasable (CD-RW) CDs, but playback of CD-R or CD-RW discs created on a computer requires proper formatting and finalization of the disc for audio playback. Some computers and/or software programs may not be capable of creating compatible discs.

About Disc Terms

Title
Generally, pictures or music compressed on a DVD are divided into several sections, "title".

Chapter
The smaller section unit of picture or music in a DVD under the title, usually one title is comprised of one or more chapters and each of them is numbered for easy searching. But some discs may not have a recording chapter.

Track
A segment of picture or music on a CD. Each track is numbered for searching.

Front Panel

Front and Right View

1. **31.5" Color TFT screen**
    31.5" color TFT screen offers a crystal clear image.
2. **SOURCE button**
    Press to enter the Input menu and then use the ▲▼ buttons to select mode: Tuner, AV1 (Composite 1), AV2 (Composite 2), AV3 (Component 1), AV4 (Component), VGA, HDMI, DVD, then press the Enter button to enter the selected mode.
3. **MENU button**
    Press to enter or exit system setup menu.
4. **CH ▲/▼ button**
    In TV mode, press to select channels.
    In setup menu, the same function as ▲/▼ direction buttons.
5. **VOL ▲/▼ button**
    Press to decrease or increase the volume, the same function as ◄/► direction buttons in setup menu.

Front Panel(Continued)

6. ■ **STOP button**
   Press to stop playback in DVD mode.
7. ▶ **PLAY button**
   Press to start playback in DVD mode.
8. **EJECT button**
   Press to eject the disc out from the disc tray.
9. **POWER button**
   Press to enter or exit the standby mode.
10. **Disc Tray Slot**
    Insert disc into this slot.
11. **SD/MS/MMC card port**
    Insert SD/MS/MMC card into this slot.
12. **USB Port**
    Connecting to the USB device.
13. **Remote Sensor**
    Remote sensor window for the remote control.
14. **Power Indicator**
    In standby mode, it turns red; when operation it is blue;
15. **Speakers**
    Provides high quality sound.

Rear Panel

Rear View

Open the back cover on the right side of the unit's rear panel, all the jacks will appear, as shown on the figure below:

1. **Y/Pr(Cr)/Pb(Cb) and L/R audio Input Jacks**
   Connectors for the Y/Pr(Cr)/Pb(Cb) input in AV3 (Component) mode.
2. **Y/Pr(Cr)/Pb(Cb) and L/R audio Input Jacks**
   Connectors for the Y/Pr(Cr)/Pb(Cb) input in AV4 (Component) mode.
3. **Video and L/R audio Input Jacks**
   Connectors for the audio and video signal input in AV1 (Composite) mode.
4. **Video/S-VIDEO and L/R audio Input Jacks**
   Connectors for the audio and video/S-Video signal input in AV2 (Composite) mode. The Video and S-Video is with the same L/R audio jacks, and the S-Video is the priority.
5. **Earphone Jack**
   Used for connecting to the earphone.
6. **TV Signal Input Jack**
   Connect to TV antenna in TV mode.
7. **VGA Input Jack**
   Connect to the VGA output jack of the PC in VGA mode.
8. **HDMI Jack**
   Connect to the HDMI.
9. **OPTICAL audio output Jack**
   Connectors for the optical digital audio (SPDIF) output.
10. **AV Output Jack**
    Connectors for the audio and video signal output.
11. **Power In Jack**
    Connect to power supply.

Remote Control

Preparation of Remote Control

Push the back cover to open the battery compartment.
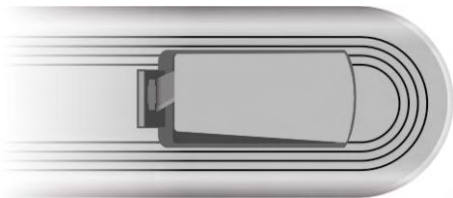
Insert two batteries (1.5V, size AAA), please make sure the polarity matches the marks inside the compartment.
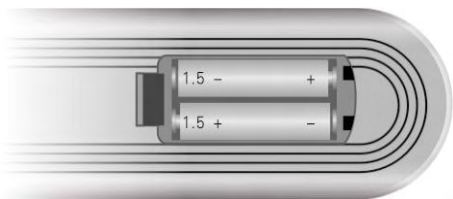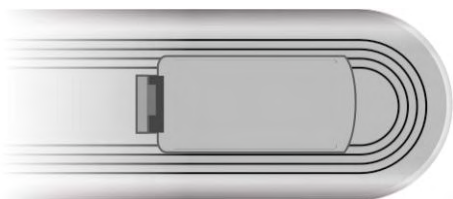
Press the back cover to close it.

- Under normal use the battery will last for six months.
- Take out batteries when the remote is not in use for a long time.

Using Remote control

Point the remote control no more than 7m from the remote control sensor and within about 60 degrees of the front of the unit.

- The operating distance may vary depending on the surrounding brightness.

Notes:

- Do not point bright lights directly at the remote control sensor.
- Do not place objects between the remote control unit and the remote control sensor.

Do not use this remote control while simultaneously operating the remote control of any other equipment.

Remote Control

Remote Control Button Functions

For TV Operation

1. POWER button
  Press to enter or exit the standby mode.

2. 0~9 Number buttons
  Press to select numbers.

3. MTS button
  In TV mode, press to shift among SAP, Mono or Stereo mode.

4. VOL +/- button
  Press to increase or decrease the volume.

5. MUTE button
  Press to turn on or off the speaker output.

6. Input button
  Press to enter the Input menu, then use the▲▼button to select mode: Tuner, AV1 (Composite), AV2 (Composite), AV3 (Component), AV4 (Component), VGA, HDMI, DVD, press the Enter button to enter the selected mode.

7. Direction buttons ▲▼◄►
  In the setup menu, press the ▲▼button to select the desired items, press the ◄► button to adjust or set.

8. Enter button
  Press to confirm selection or exit the setup in the setup menu.

9. Sleep button
  Press to set the sleep time.

10. TV button
  Press to shift to TV mode.

11. Signal button
  Press to display the ATSC signal status.

12. ↵ button
  Press number buttons to select channel and then press the button to confirm and go the selected channel.

13. +10/- button
  In TV mode, press the number buttons to select channel first, then press this button and add number button "0" or one number from "1~5" to select analog or digital TV program. Add "0" for analog TV program, add one number from "1~5" for digital TV program.

14. Last button
  In TV mode, press to return to the channel last viewed.

15. CH ▲/▼ button
  In TV mode, press to select channel.

16. Freeze button
  Press to freeze the current picture.

17. Menu button
  Press to enter or exit the system setup menu.

18. Exit button
  Press to exit system setup menu.

19. CC button
  Press to display among CC1, CC2, CC3, CC4 or CCD function OFF.

20. Info. button
  Press to display the current mode information on the screen.

Remote Control (Continued)

Remote Control Button Functions
For DVD Operation

1. ▶ Play button
Press to play the disc in DVD mode.

2. ▶◀ Pause button
In DVD mode, press to pause the playback or start step frame by frame playback.
Press the ▶PLAY button to resume normal playback.

3. ▶▶ Fast Forward button
In DVD mode, press to search forward.

4. ◀◀ Fast Reverse button
In DVD mode, press to search backward

5. 0~9 Number buttons
Press to select numbers.

6. Direction buttons ▲▼◀▶
In the setup menu, press the ▲▼button to select the desired items, press the ◀▶ button to adjust or set.

7. Enter button

Press to confirm selection or exit the setup in the setup menu.

8. Audio button
In DVD mode, press to select audio language when the DVD disc with multiple audio languages is played.

9. Angle button
In DVD mode, press to select various camera angles (if the DVD disc contains multiple camera angles).

10. DVD menu button
Press to access the disc menu in DVD mode.

11. Setup button
Press to access the DVD setup menu under DVD mode.

12. ⏏ Eject button
Press to eject the disc out.

13. ■ Stop button
In DVD mode, press to stop playback, then press the PLAY button to resume normal playback. Press the STOP button twice repeatedly to stop completely.

14. ▶▶| Next Skip button
Press to skip to the next chapter/track for some discs under DVD mode.

15. |◀◀ Previous Skip button
Press once to skip to the beginning of the current chapter/track.
Press twice repeatedly to skip to the previous chapter/track for some discs under DVD mode.

16. +10/- button
Press the button and 0~9 number buttons to select number greater than 9.

17. Card button
In DVD mode, press to shift to USB or CARD mode when there is the input source..

18. Title button
In DVD mode, during a DVD disc playback, press to go to title menu if the disc contains.

19. Subtitle button
In DVD mode, press to select different subtitle languages during a multiple language DVD disc playback.

20. Repeat button
In DVD mode, press to repeat a chapter, track, title, or all content

Special Features of the DVD Disc Tray

CAUTION: Before removing or installing the DVD disc tray, unplug the power supply cord.

This unit is designed with a movable DVD Disc Tray. The Disc Tray can be installed in three different positions giving you the ability to maximize space and convenience.   Follow the procedure (below) to remove and reinstall.
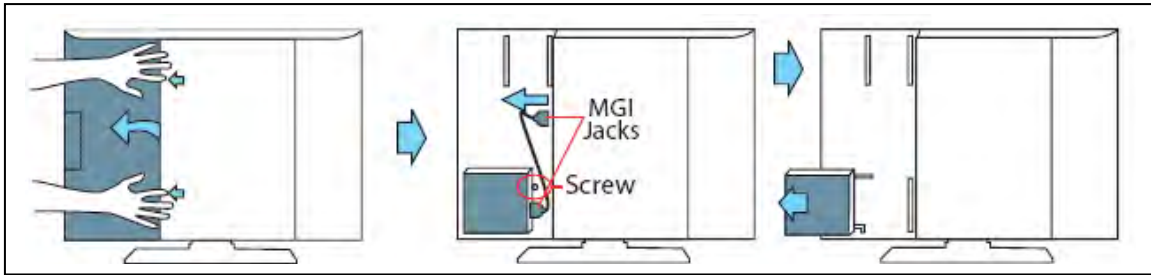
Remove the DVD Disc Tray:
Step 1: Open the back cover by sliding the left rear panel of the unit outward.
Step 2: Remove the DVD disc tray.
- Loosen and remove the screw holding the DVD disc tray in place.
- Disconnect the MGI connecting cord from the LCD TV and DVD disc tray.
- Remove the DVD disc tray by pushing it outward.
**Step 3:** Close the back cover.

Installing the DVD Disc Tray:
There are three different positions for installing the DVD disc tray and two MGI jacks for connecting the MGI connecting cord.

NOTE: The bottom DVD disc tray position (3) is designed for TVs that are wall-mounted. If you would like to install the DVD disc tray in the bottom position (3), remove the stand. To remove the stand, cover the screen with a soft cloth and place the LCD screen face down on a stable surface. Remove the screws securing the stand to the TV. (VESA 200 wall-mounting kit and instructions are not included.)

1. Open the back cover on the left rear panel of the unit and select which of the three possible positions you would like to install your DVD disc tray in.
2. Insert the DVD disc tray and lock into place using the screw. Plug one end of the MGI connecting cord into the DVD disc tray. Plug the other end of the MGI connecting cord into the MGI jack on the LCD TV.
3. Close the back cover.
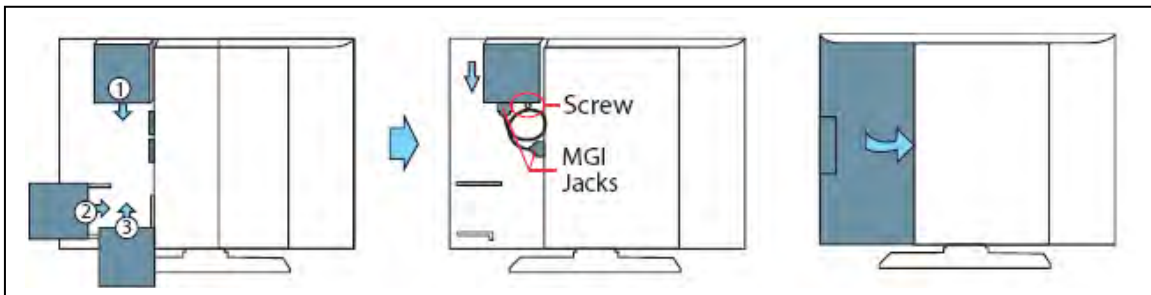
System Connections

- Do not connect the power cord until all other connections have been made.
- Ensure that you observe the color cables when connecting audio and video cables.
- Before connecting, open the cover on the right side of the unit's rear panel.

Connecting To External AV Signal Source (AV1)

Use the audio and video cable to connect the input jacks on the right side of the unit's rear panel to the external AV signal source.
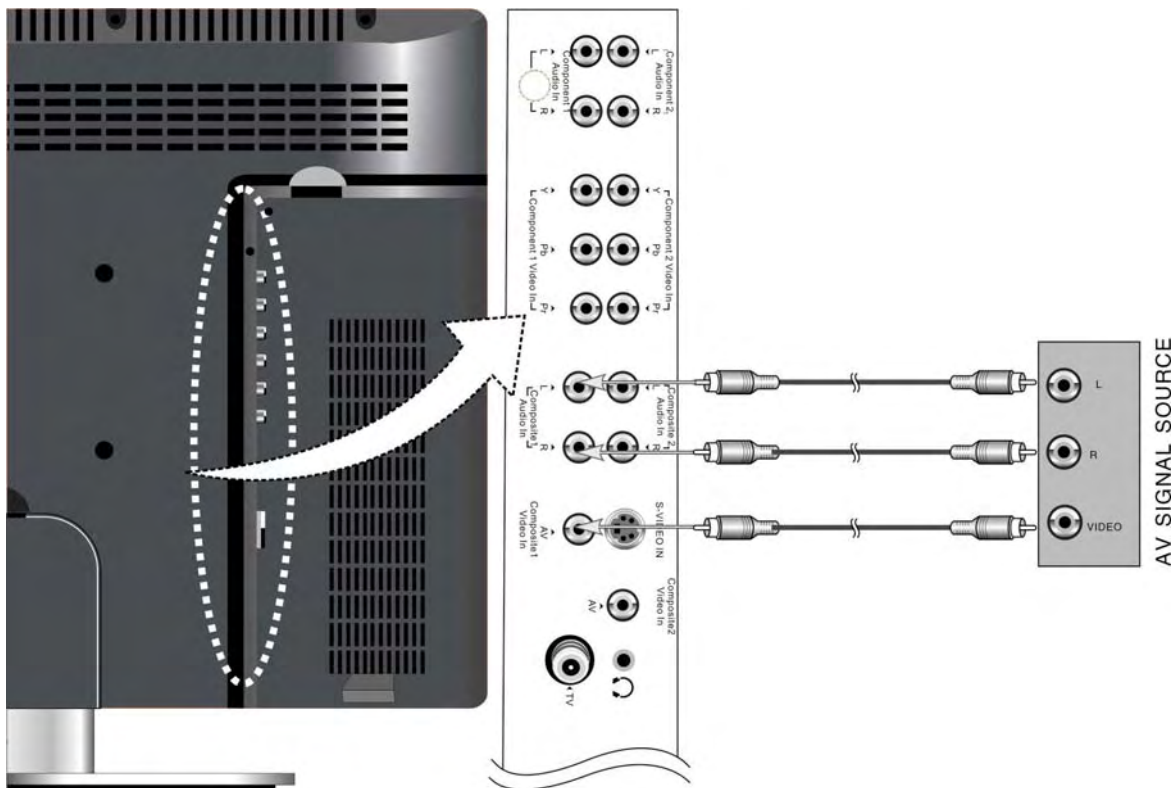
After connection, turn on the power of the unit and the external AV signal source, press the **Input** button to enter the Input menu, then select AV1 (Composite) and press the **Enter** button to confirm the selected mode.

System Connections

Connecting To External AV Signal Source (AV2)

Use the audio and video cable to connect the input jacks on the right side of the unit's rear panel to the external AV signal source.
Use the S-Video cable to connect the S-Video input jacks on the right side of the unit's rear panel to the external AV signal source.
Note: S-VIDEO cable will produce good image quality.

After connection, turn on the power of the unit and the external AV signal source, press the **Input** button to enter the Input menu, then select AV2 (Composite) and press the **Enter** button to confirm the selected mode.
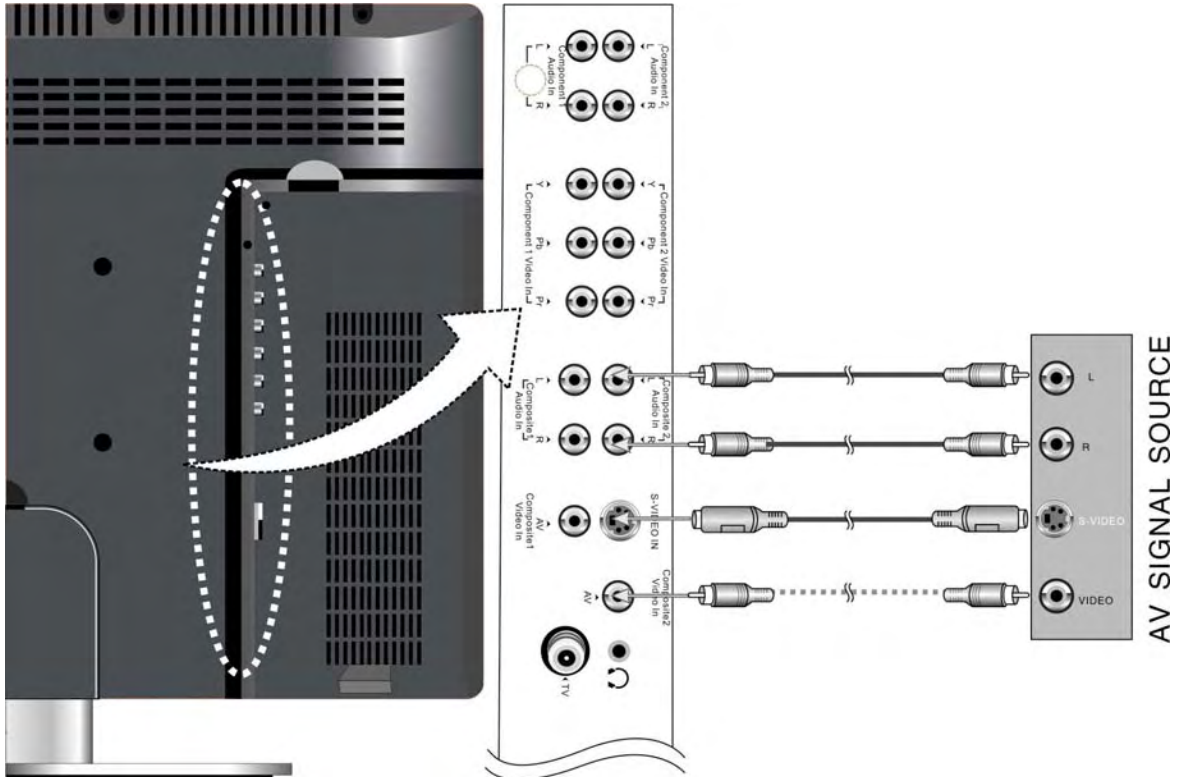If you are connected to both AV and S-Video signal sources at the same time, the S-Video is the priority.

System Connections

Connecting to External AV Signal Source (AV3/ AV4)

Use the audio and video cables to connect the Y/Pb (C b) /Pr (Cr) input Jacks on the right side of the unit's rear panel to the external AV signal source.
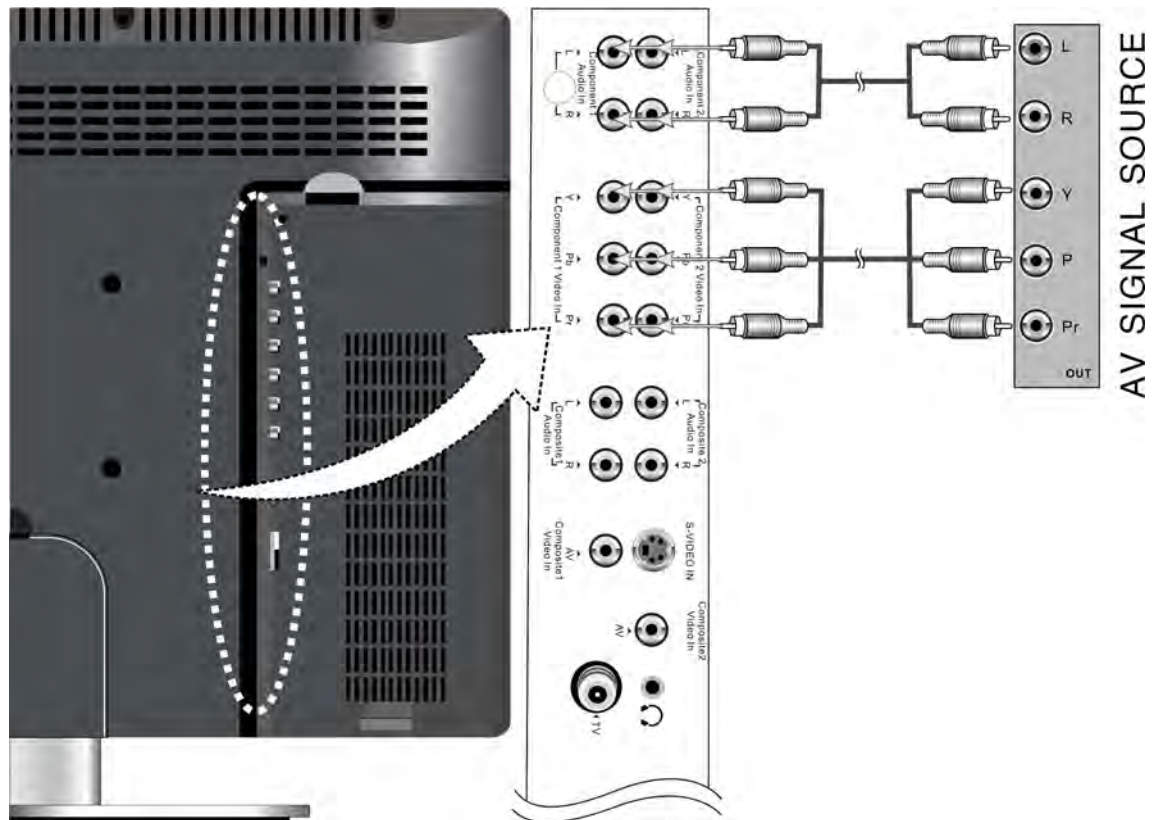

After connection, turn on the power of the unit and the external AV signal source, press the **Input** button to enter the Input menu, then select AV3 (Component) or AV4 (Component) and press the **Enter** button to confirm the selected mode.
Note: Component cable will produce better image quality.

System Connections

Connecting to HDMI Output Device

This unit can be connected to the AV device with HDMI output. See the below figure for details:
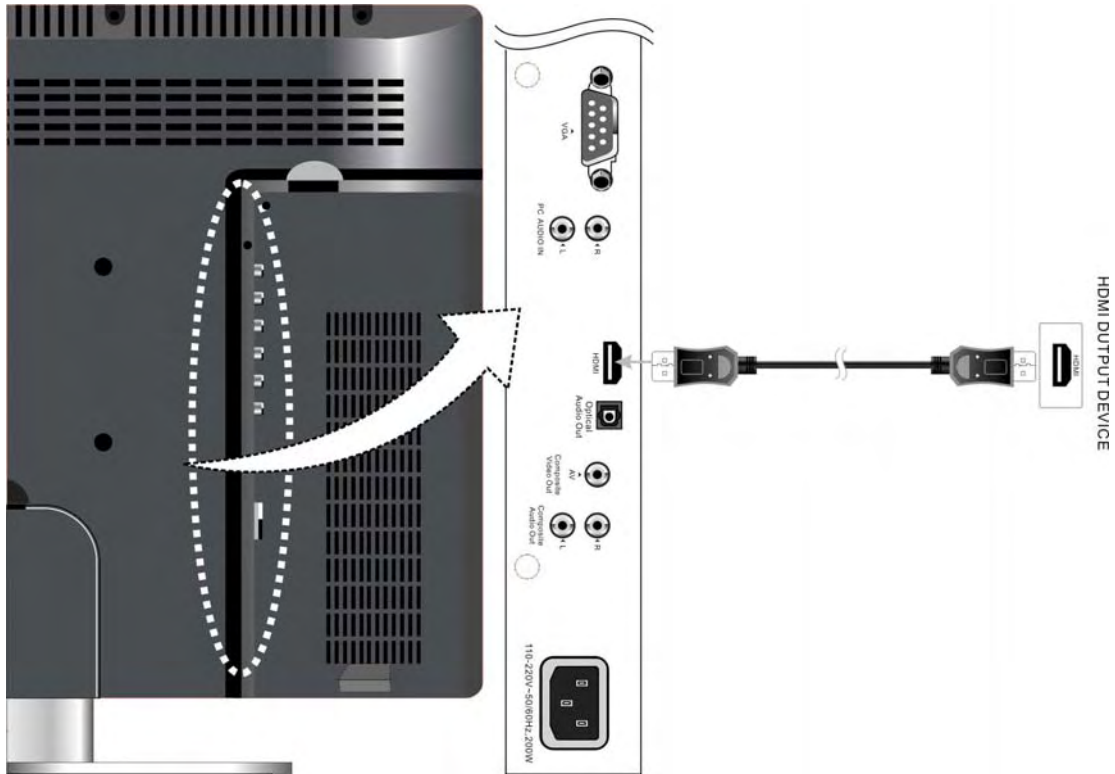
After connection, turn on the power of the unit and the external HDMI output device, press the **Input** button to enter the Input menu, then select HDMI and press the **Enter** button to confirm the HDMI mode.

NOTE: The HDMI cable will produce the best image quality.

System Connections

Connecting to External AV Device (AV Out)

Use the audio/video cables to connect the audio and video output Jacks on the right side of the rear panel to the external AV device.
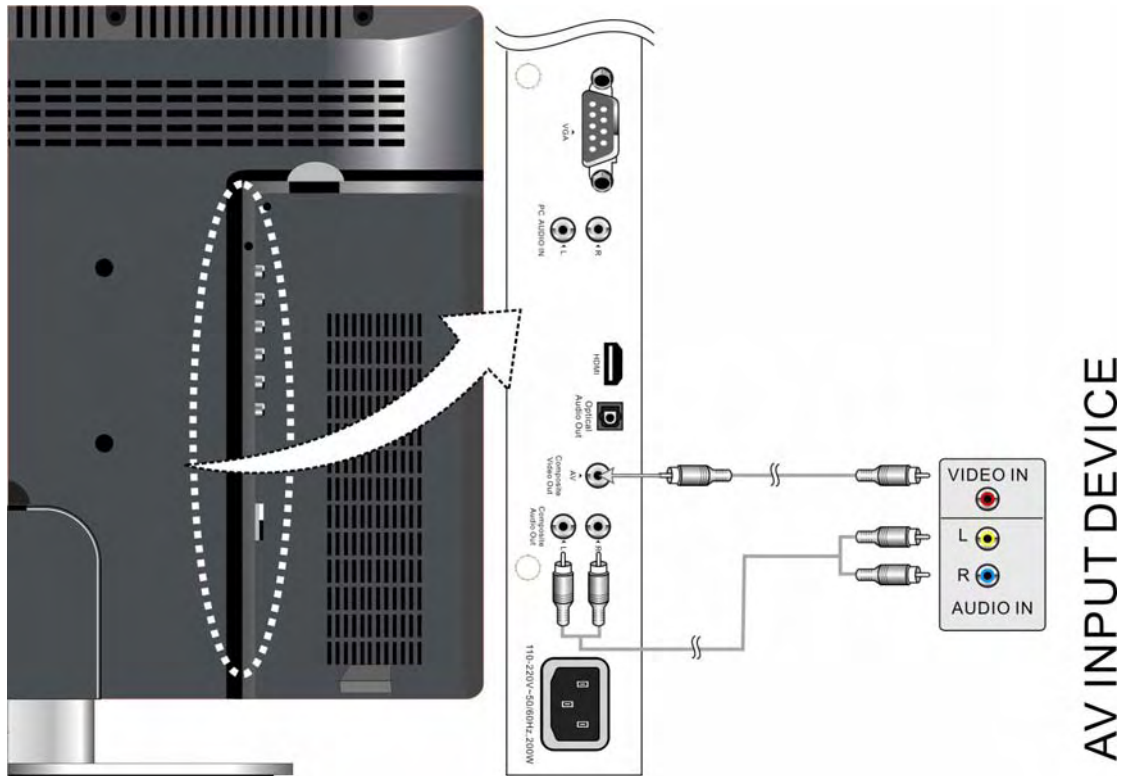
Special Notes:

The features of this A/V equipment allows you to connect to other A/V equipment. Care should be taken when connecting the A/V outputs of this device to the A/V inputs of the other device. For example, composite output of this device needs to be connected to composite inputs of the other device.

System Connections

Connecting to Digital Amplifier

The unit is designed with an optical digital audio jack, can be connected to the digital amplifier, see the below figure:
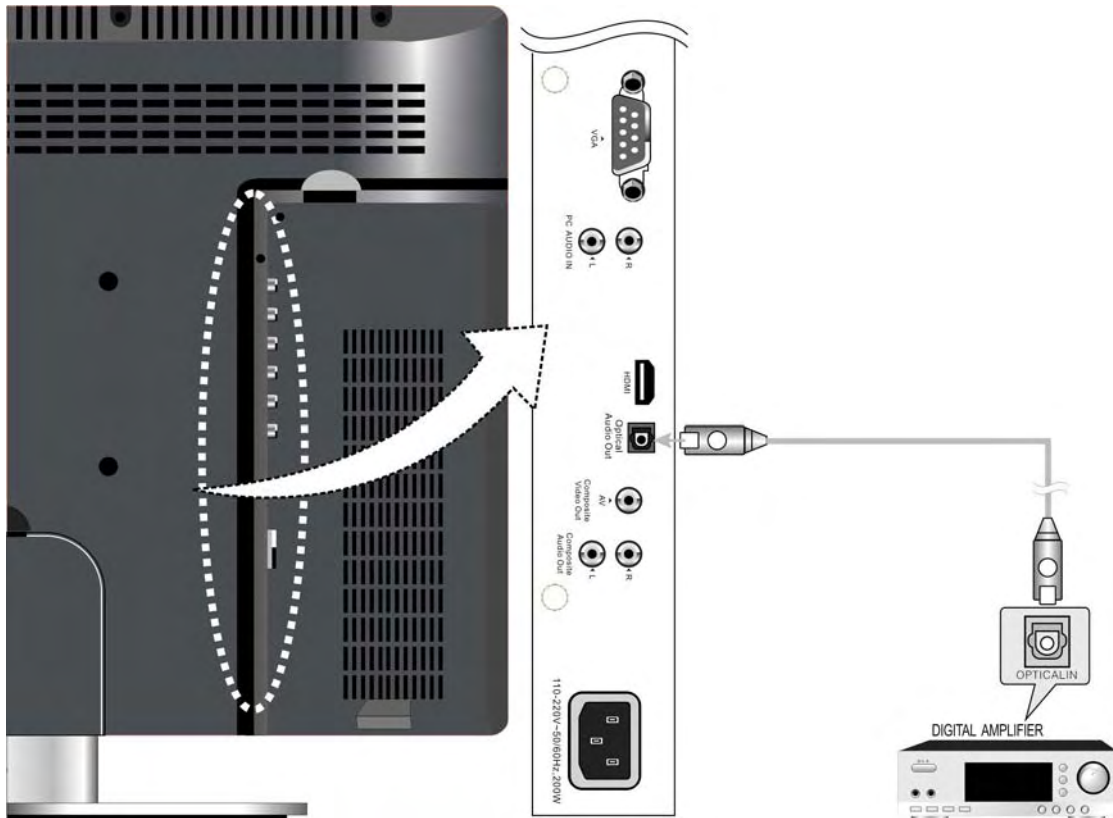
System Connections

Connecting to PC

The unit can be connected to PC (personal computer) via the VGA cable. Follow the figure below to connect:

1. Connect one end of the VGA cable to the VGA input jack on the right side of the unit's rear panel.

2. Connect the other end to the PC.

3. Connect one end of the audio cables to the PC audio input jack on the right side of the unit's rear panel.

4. Connect the other end to the PC audio output jack.

5. You should set the PC's resolution at 1024×768; and the refresh frequency must at 60Hz.

After connection, press the **Input** button and select VGA mode.

System Connections(Continued)

Connecting to TV Signal Input

This unit can be connected to the TV signal input source via the 75Ω antenna jack on the rear panel.

After connection, turn on the power of the unit, press the **Input** button and select TV mode.

Connecting to Power Supply

One end is connected to the jack on the rear panel of the unit, the other end to the AC110~220V wall outlet.
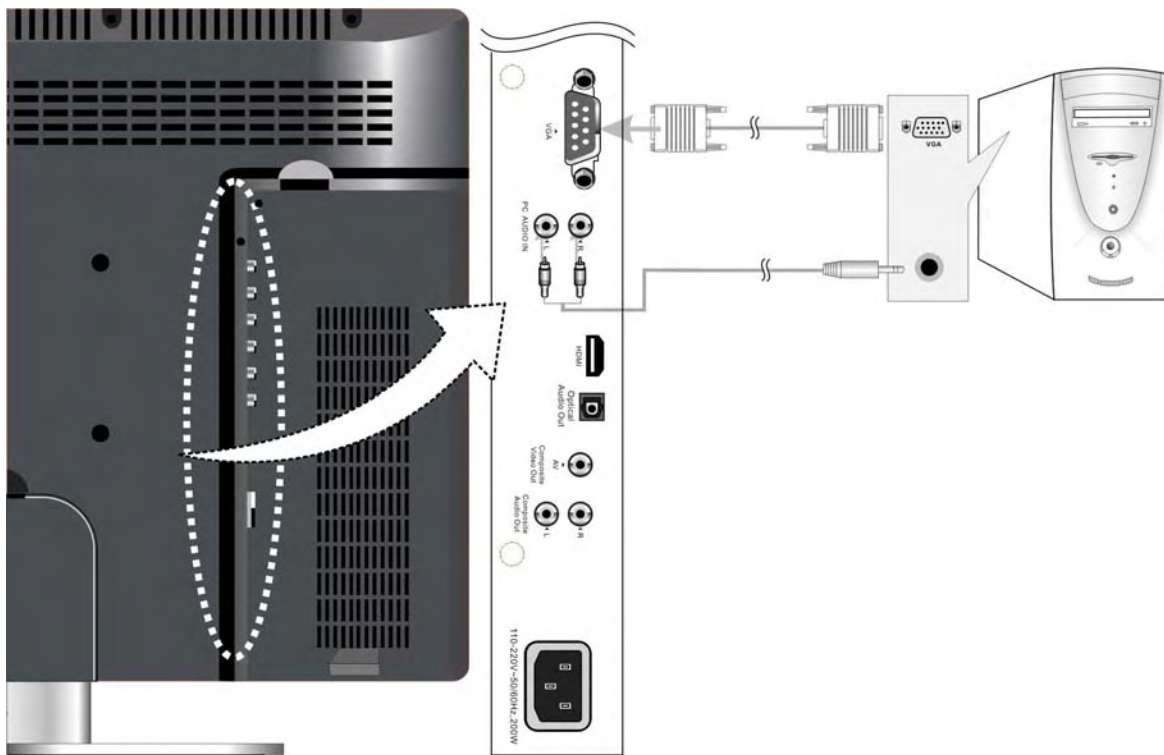
System Connections(Continued)

Connecting to Earphone

This unit can be connected to an earphone for listening music privately. See the below figure for details:
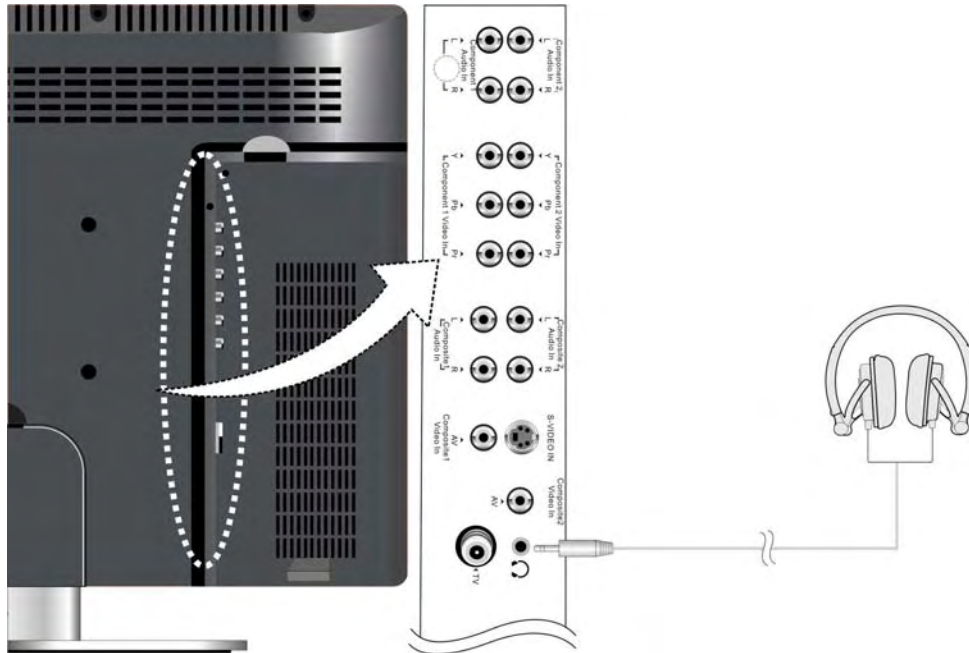
CAUTION: Turn down the volume before connecting the earphone.

Input Source Selecting

The player incorporates multiple video modes, you can select the video mode according to the input signal.
Press the **Input** button to enter the Input menu, the screen will display as below:
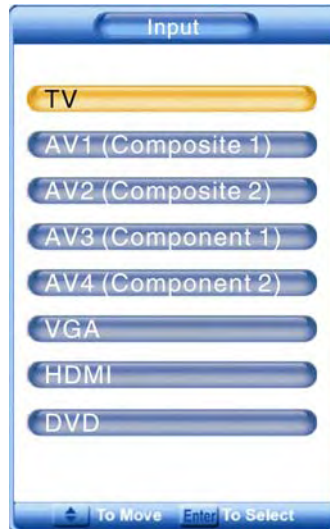
In the menu, press the ▲ ▼ direction button to select the video mode, press the **Enter** button to enter the selected mode.

NOTE:
If you would like to receive an S-Video signal, connect the S-Video cable to the S-Video input (AV2 Composite). Also connect the red and white (audio) ends of the composite cable to AV2 (Composite). You can not receive multiple video signals through AV2. Therefore, when using S-Video, do not connect the yellow (video) end of the composite cable to AV2.

NOTE:
If you choose to install additional external devices (sold separately) to the back of the LCD TV using the MGI connectors, the names of these devices will be displayed on the above screen for selection.

System Setup and Operation

Preparations

1. After completing your AV and power connections, press the POWER button to turn on the unit.
2. Press the **Input** button to display the Input menu, then press the ▲▼ button to select TV and press the Enter button to enter TV mode. You can go on with the following setups:

Setup Setting

Press the **Menu** button to enter the main setup menu, as shown on the right:

In the menu, press the ▲▼ button to select the **Setup**, and then press the ◄ or ► button to enter the setup menu, press the ▲▼ button to select items. Press the ◄ or ► button again to return to the previous menu. Press the **Exit** button to exit the setup menu.

Tuning Band

Press the ▲▼ button to select the Tuning Band, press the Enter button to select Air or Cable.

DTV Signal

Press the ▲▼ button to select the **DTV Signal**, press the **Enter** button, the screen will display the DTV Signal status, press the **Enter** button again to return to the previous menu.

Auto Ch Search

Press the ▲▼ button to select the **Auto Ch Search**, press the **Enter** button to enter the Auto program Menu and begin auto searching, see the right figure:

After auto-searching, the unit will exit and memorize the programs in sequence automatically. It will go to the first searched channel.

When searching, press the **Exit** button to exit.
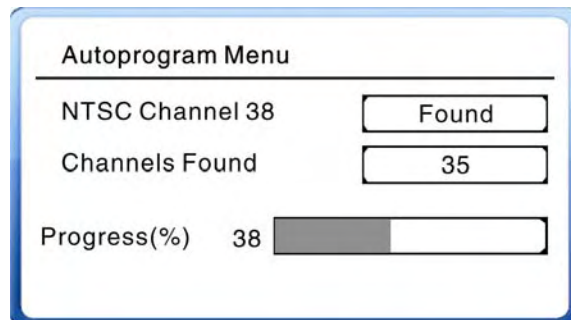
System Setup and Operation(Continued)

Manual Ch Search

Press the ▲▼ button to select the **Manual Ch Search**, press the **Enter** button to enter the Manual Channel Set Menu, see the right figure:

In the menu, press the ◄ ► ▲ ▼ direction buttons to select items, press the **Enter** button to confirm or set, press the **Exit** button to exit.
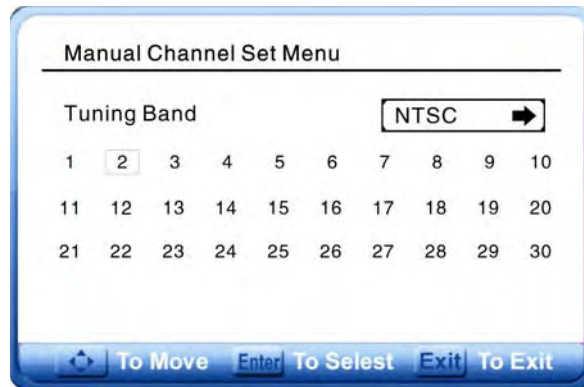
Channel Labels

Press the ▲▼ button to select the **Channel Labels**, press the **Enter** button to enter the Channel Labels Menu, see the right figure:

In the menu, press the ◄ ► direction buttons to select the item you want to set, press the ▲ ▼ button to set the item, press the **Exit** button to exit.

Menu Language

Press the ▲▼ button to select the **Menu Language**, press the **Enter** button to select the menu language you prefer.

Video Setting

Press the **Menu** button to enter the main setup menu, as shown on the right:

In the menu, press the ▲▼ button to select the **Video**, and then press the ◄ or ► button to enter the setup menu, press the ▲▼ button to select items. Press the ◄ or ► button again to return to the previous menu. Press the **Exit** button to exit the setup menu.
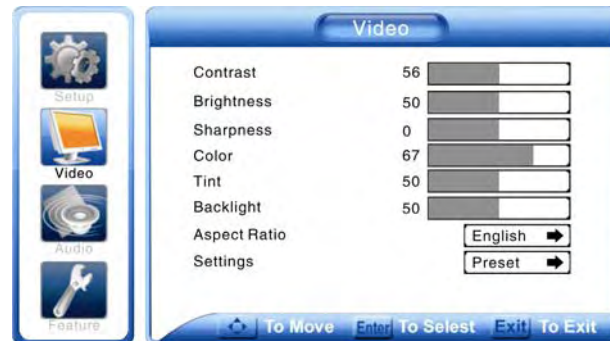
Contrast

Press the ▲▼ button to select the **Contrast**, press the **Enter** button to enter the adjusting mode, then press the ◄ ► button to adjust the value. Press the **Enter** button again to confirm and return.

System Setup and Operation(Continued)

Brightness

Press the ▲▼ button to select the **Brightness**, press the **Enter** button to enter the adjusting mode, press the ◄ ► button to adjust the value. Press the **Enter** button again to confirm and return.

Brightness ||||||||||||||||||||||||||||||||||||||||||||||| 50

Sharpness

Press the ▲▼ button to select the **Sharpness**, press the **Enter** button to enter the adjusting mode, press the ◄ ► button to adjust the value. Press the **Enter** button again to confirm and return.

← Soften   Sharpen →
Sharpness |||||||||||||||||||||||||||||||||||||||||||||||| 0

Color

Press the ▲▼ button to select the **Color**, press the **Enter** button to enter the adjusting mode, press the ◄ ► button to adjust the value. Press the **Enter** button again to confirm and return.

Color |||||||||||||||||||||||||||||||||||||||||||||||| 67

Tint

Press the ▲▼ button to select the **Tint**, press the **Enter** button to enter the adjusting mode, press the ◄ ► button to adjust the value. Press the **Enter** button again to confirm and return.

Tint |||||||||||||||||||||||||||||||||||||||||||||||| 50

Backlight

Press the ▲▼ button to select the **Backlight**, press the **Enter** button to enter the adjusting mode, press the ◄ ► button to adjust the value. Press the **Enter** button again to confirm and return.

Backlight |||||||||||||||||||||||||||||||||||||||||||||||| 50

Aspect Ratio

Press the ▲▼ button to select the **Aspect Ratio**, press the **Enter** button to select desired item: normal, zoom, and wide.

Default Settings

Press the ▲▼ button to select the **Settings**, press the **Enter** button, all the settings on this setup page will return to the default status.

System Setup and Operation(Continued)

Audio Setting

Press the **Menu** button to enter the main setup menu, as shown on the right:
In the menu, press the ▲▼ button to select the **Audio**, and then press the ◄ or ► button to enter the setup menu, press the ▲▼ button to select items. Press the ◄ or ► button again to return to the previous menu. Press the **Exit** button to exit the setup menu.
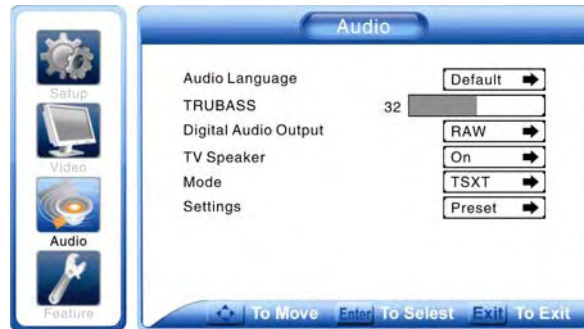
Audio Language
Press the ▲▼ button to select the **Audio Language**, press the **Enter** button to select the desired audio language.
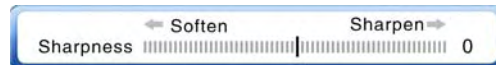
TRUBASS
Press the ▲▼ button to select the **TRUBASS**, press the **Enter** button to enter the adjusting mode, then press the ◄ ► button to adjust the value. Press the **Enter** button again to confirm and return.

Digital Audio Output
Press the ▲▼ button to select the **Digital Audio Output**, press the **Enter** button to select RAW or PCM. RAW and PCM are the audio decoding formats.

TV Speaker
Press the ▲▼ button to select the **TV Speaker**, press the **Enter** button to select On or Off.

Mode
Press the ▲▼ button to select the **Mode**, press the **Enter** button to select audio mode.

Default Settings
Press the ▲▼ button to select the **Settings**, press the **Enter** button, all the settings on this setup page will return to the default status.

System Setup and Operation(Continued)

Feature Setting

Press the **Menu** button to enter the main setup menu, as shown on the right:

In the menu, press the ▲▼ button to select the **Feature**, and then press the ◄ or ► button to enter the setup menu, press the ▲▼ button to select items. Press the ◄ or ► button again to return to the previous menu. Press the **Exit** button to exit the setup menu.

Time Set

Press the ▲▼ button to select the **Time Set**, press the **Enter** button to enter the Time Set Menu, see the right figure:

In the menu, press the ▲▼ direction buttons to select items, press the **Exit** button to exit.
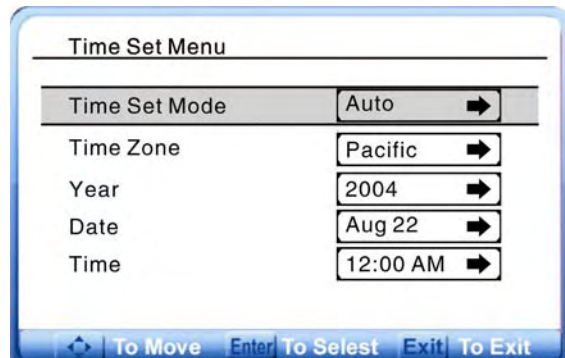
Time Set Mode

Press the ▲▼ button to select the **Time Set Mode**, press the **Enter** button to select the Auto or Manual. Select Manual, you can set all the items.

Time Zone

Press the ▲▼ button to select the **Time Zone**, press the **Enter** button to select the correct time zone according to your local time zone.

Year

Press the ▲▼ button to select the **Year**, press the ◄ or ► button to select the year.

Date

Press the ▲▼ button to select the **Date**, press the ◄ or ► button to select the date.

Time

Press the ▲▼ button to select the **Time**, press the ◄ or ► button to select the time.
Note: the Year, Date and time only can be set when the time set mode is set to "Manual".

Sleep Timer

Press the ▲▼ button to select the **Sleep Timer**, press the **Enter** button to select the sleep time or Off.

System Setup and Operation(Continued)

Advanced Video Menu

Press the ▲▼ button to select the **Advanced Video Menu**, press the **Enter** button, the screen is shown as right figure:

In the menu, press the ▲ ▼ direction buttons to select items, press the **Enter** button to set, press the **Exit** button to exit.

Password Set

Press the ▲▼ button to select the **Password Set**, press the **Enter** button, the screen is shown:

Use the number buttons to input the password. The original password is 0000.

Input a new password and input it again for confirmation. The password has been changed.

Parental Control

Press the ▲▼ button to select the **Parental Control**, press the **Enter** button, an indication will be displayed on the screen, you should input password.

The Parental Control setting is a parental control rating function. Depending on the program, you can edit violence, language and explicit content.

Use the number buttons on the remote control to input the password, the default password is 0000.

Parental Control Menu

When input the correct password, the parental control menu will be displayed on the screen, see the below figure:

System Setup and Operation(Continued)

In the menu, select Parental Lock and press the ▶ or **Enter** button to enter the parental lock menu, as the below figure:
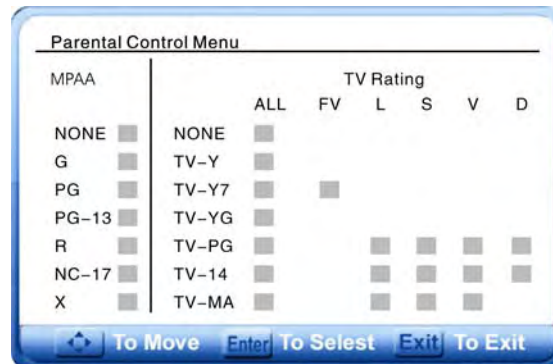
Fantasy violence [FV], adult languages [L], sexual situations [S], violent scenes [V] and suggestive dialogues [D]
In the menu, press the ◀ ▶ ▲ ▼ direction buttons to select MPAA or TV rating, press the **Enter** button to set or cancel the rating. Press the E**xit** button to exit the setup menu.

Closed Caption Options
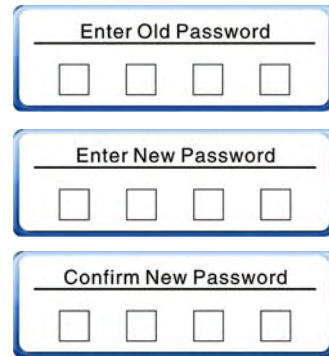Press the ▲▼ button to select the **Closed Caption Options**, press the **Enter** button, the screen is shown as right figure:
In the menu, press the ▲ ▼ direction buttons to select items, press the **Enter** button to set, press the **Exit** button to exit. You can see the change at the bottom of the menu.

In the AV1, AV2, AV3, AV4, VGA, HDMI mode, you can refer to the setups in the TV mode to set the items.

DVD Player Operation

Disc Loading Steps:
1. Press the POWER button to turn on the LCD TV. Press the **Input** button and select DVD mode, press the **Enter** button confirm and select DVD mode.
2. Handing the disc with its printed side facing the front of the unit, insert vertically into the disc tray. (Referring to the below picture.)
3. Gently push the disc into the disc tray.
4. Disc will automatically be pulled into the disc player. "Loading" will appear on the liquid crystal display and playback will begin.

Warning: Do not play poor quality discs as they may damage the player.

DVD Playback

Region Code
DVD players and discs are coded by region. These regional codes must match the played discs. If the codes don't match, the disc cannot be played. This player's default code is region 1.

Play
Press the ▶ **Play** button to start playback. Press the STOP button once on the remote control to stop playback, and press the ▶ **Play** button again to resume playback.

Stop
Press the ■ **Stop** button once to stop playback and then press ▶ **Play** button to resume. Press this button twice to stop playback completely.

DVD Player Operation(Continued)

Pause ▶◀

Press the ▶◀ **Pause** button once to pause the playback, press it repeatedly to start step-by-step playback, press the ▶ **Play** button to resume normal playback.

Previous ◀◀ **and Next** ▶▶

Press the ▶▶ button to go to the next chapter. Press the ◀◀ button once to return to the beginning of the current chapter, press it twice to go to the previous chapter.

Fast Playback

Press the ▶▶ or ◀◀ button on the remote control to activate fast forward or backward playback.

Repeat

Use the REPEAT button repeatedly to repeat a chapter, title or all.

Menu

Normally there is a selection menu for DVD discs. You can press the red **Dvdmenu** button to enter the menu, and use the direction buttons to highlight an item. Press the ENTER button to confirm.

Title & Chapter

Normally there are several titles in a DVD disc, and several chapters (sections) in a title. You can select any title or chapter quickly by entering the relevant number.

Language (Audio)

There can be up to 8 audio languages on a DVD disc. When you play a multi-language DVD disc you can press the **Audio** button to select different audio languages.

Subtitle

The DVD player can support multiple kinds of subtitles. When you play a multi-subtitle disc you can press the **Subtitle** button to select different subtitle languages.

Various Camera Angles

The movies on some DVDs have been recorded from various camera angles. This lets you enjoy the same scene from different perspectives. You will usually find a marking on the DVD sleeve to indicate that some scenes were captured in different angles.

When playing a DVD containing various camera angles the camera symbol appears on the screen. Press the **Angle** button repeatedly until the desired perspective is shown. The picture will be adjusted in 1 2 seconds.

DVD Player Operation(Continued)

CD Playback

The player will play all tracks on a CD disc by default. You can use the ⏮ and ⏭ (PREV/NEXT skip) buttons, or number buttons to select a track.

Stop ■

Press the ■ **Stop** button once to stop playback and then press ▶ **Play** button to resume. Press this button twice to stop playback completely.

Pause ⏸

Press the ⏸ **Pause** button to pause the playback and then press the ▶ **Play** button to resume normal playback.

Previous and Next

Press the ⏮ button once to go the beginning of this track. Press twice repeatedly to go the previous track.
Press the ⏭ button to play from the beginning of the next track.

Fast Playback

Press the ⏩ or ⏪ button on the remote control to activate fast forward or backward playback.

Repeat

Use the **Repeat** button repeatedly to repeat Single, All or to cancel repeat.
    Some discs do not support the repeat function.

Audio

During CD playback, press the **Audio** button on the remote control to select the audio output mode: Mono Left, Mono Right, Mix-Mono and Stereo.

DVD Player Operation(Continued)

JPEG Playback

JPEG is a common picture format that requires small amounts of storage per image and has low loss in resolution. Hundreds of pictures can be stored on a disc in this format. In order to view JPEG photo albums, you can ask your film development company to make a "PICTURE CD" when they develop your film.

Normal Playback

Load a JPEG disc in. For JPEG disc, there will be a root menu displayed on the screen. Use the **Enter** button and the direction button to select a submenu, and then use the ▲▼ direction button to select the contents. Many discs have other contents besides pictures.
For Picture CD disc, it will display the pictures automatically.
During playback, press the ⏮ or ⏭ button to select picture.
Many discs have other content besides pictures.

Stop

Press the ■ **Stop** button once to stop playback and return to the preview menu. Press the ▶ **Play** button to resume normal playback.

Pause

Press the ⏯ **Pause** button to pause playback, press the ▶ **Play** button to resume playback.

Repeat

During playback, press the **Repeat** button repeatedly, and the repeat modes are Shuffle, Random, Single, Repeat One, Repeat All and Repeat Off.

Previous and Next

During playback, press the ⏮ or ⏭ button to select picture.

Menu

Press the **Dvdmenu** button once to stop playback and return to the root menu.

Picture Rotation

This can be used only when the picture is normally displayed. Once another picture is selected, rotation will be cancelled automatically. Use the ◀ ▶ buttons to rotate the picture.

Some JPEG disc may not support the rotating function.

USB and SD/MMC/MS Card Function

USB and SD/MMC/MS Card Function

Preparation:
1. Install the DVD module onto the LCD TV.
2. Connect the unit to the power supply.
3. Press the POWER to turn on the unit.
4. Press the **Input** button and select DVD, press the **Enter** button to select DVD mode.
5. Insert the USB into the unit's USB slot, or insert the SD/MMC/MS card into the SD/MMC/MS card slot on the right side of the unit. Please see the below figure:

➤ Make sure that files are stored in the USB and the SD/MMC/MS card before the connection.
6. Press the **Card** button to shift among disc playback, USB playback and the SD/MMC, MS playback. The default state is disk playback. Please see the below figure:
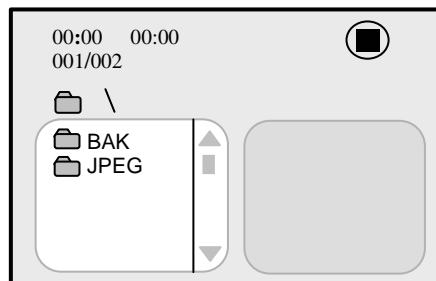
7. Press the ▲ , ▼ button to select the folder, and press **Enter** button to enter.
8. Press the ▲ and ▼ buttons to select the desired track. Then press **Play ▶** button to start playback.
9. Press the **Stop ■** button to stop playback: if the **Stop ■** button is pressed, the playback will start from the beginning of the current track. Press the ◀ button to return to the folder menu.

Note:
1. The screen display will vary from disc to disc.
2. Pull out the USB or SD/MMC/MS card directly after the files are played. The unit will be in the state of disc playback again.

DVD System Setup

Preparations

1. Install the DVD module onto the LCD TV.
2. Connect to the power supply and turn on the unit.
3. Press the **Input** button and select DVD, press the **Enter** button to select DVD mode.
4. Press the **Setup** button on the remote control to display the settings menu. The menu includes General setup, Audio setup, and Video setup.
5. Press the ◀ ▶ direction buttons on the remote control to select a category. All the items in the category will appear on the screen.
6. Press the **Setup** button again to exit the setup.

General Setup Page

Press the **Setup** button to enter the General setup menu. The screen will display as the following:
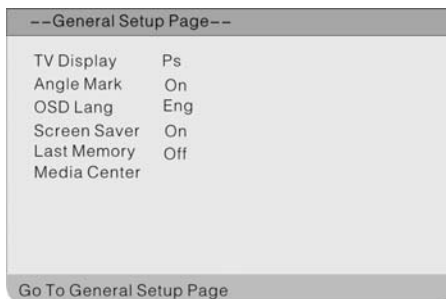
--General Setup Page--

TV Display	Ps
Angle Mark	On
OSD Lang	Eng
Screen Saver	On
Last Memory	Off
Media Center	

Go To General Setup Page

In the menu, Use the ▲▼ direction buttons to select the desired item. Press the **Enter** button to enter the item. Press the ◀ button to return.

TV Display

--General Setup Page--

TV Display	Ps	Normal/Ps
Angel Mark	On	Normal/Lb
OSD Lang	Eng	Wide
Screen Saver	On	Wide Squeeze
Last Memory	On	
Media Center		

Set Tv Display Mode
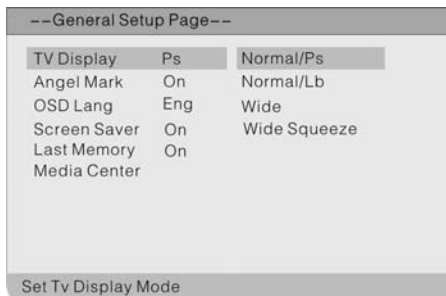
1. Press the ▲▼ direction buttons to select **TV Display**.
2. Press the **Enter** button to enter the setup.
3. Use the ▲▼ direction buttons to select items.
4. Press the **Enter** button again to confirm selection and return.

Angle Mark

--General Setup Page--

TV Display	Ps	
Angel Mark	On	On
OSD Lang	Eng	Off
Screen Saver	On	
Last Memory	Off	
Media Center		

Set Angle Mark

1. Press the ▲▼ direction buttons to select **Angle Mark**.
2. Press the **Enter** button to enter the setup.
3. Use the ▲▼ direction buttons to select On or Off.
4. Press the **Enter** button again to confirm selection and return.

DVD System Setup(Continued)

OSD Lang

--General Setup Page--

TV Display	Ps	
Angel Mark	On	English
OSD Lang	Eng	French
Screen Saver	On	Spanish
Last Memory	On	
Media Center		

Set Osd Language

The item is used to select the OSD language.
1. Press the ▲ ▼ direction buttons to select **OSD Lang**.
2. Press the **Enter** button to enter the setup.
3. Use the ▲ ▼ direction buttons to select items.
4. Press the **Enter** button again to confirm selection and return.

Screen Saver

--General Setup Page--

TV Display	Ps	
Angel Mark	On	
OSD Lang	Eng	
Screen Saver	On	On
Last Memory	On	Off
Media Center		
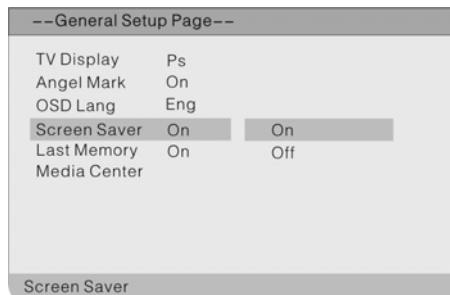
Screen Saver

1. Press the ▲ ▼ direction buttons to select **Screen Saver**.
2. Press the **Enter** button to enter the setup.
3. Use the ▲ ▼ direction buttons to select On or Off.
4. Press the **Enter** button again to confirm selection and to return.

Last Memory

--General Setup Page--

TV Display	Ps	
Angel Mark	On	
OSD Lang	Eng	
Screen Saver	On	
Last Memory	On	On
Media Center		Off

Set Last Memory State

1. Press the ▲ ▼ direction buttons to select **Last Memory**.
2. Press the **Enter** button to enter the setup.
3. Use the ▲ ▼ direction buttons to select On or Off.
4. Press the **Enter** button again to confirm selection and return.

Media Center

--General Setup Page--

TV Display	Ps	
Angel Mark	On	
OSD Lang	Eng	
Screen Saver	On	
Last Memory	On	DVD
Media Center		USB
		SD/MMC
		MS

Please select a device.

1. Press the ▲ ▼ direction buttons to select **Media Center**.
2. Press the **Enter** button to enter the setup.
3. Use the ▲ ▼ direction buttons to select DVD, USB, SD/MMC or MS.
4. Press the **Enter** button again to confirm selection and return.

DVD System Setup(Continued)

Audio Setup Page

Press the **Setup** button to enter the General setup menu, then use the ◀ ▶ direction buttons to select Audio Setup Page, the screen will display as the following:
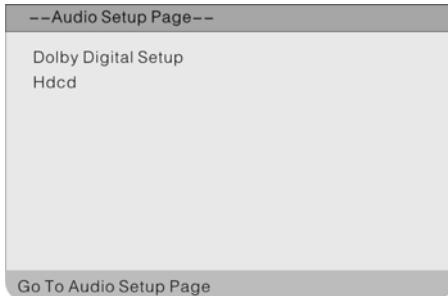
```
--Audio Setup Page--

Dolby Digital Setup
Hdcd




Go To Audio Setup Page
```
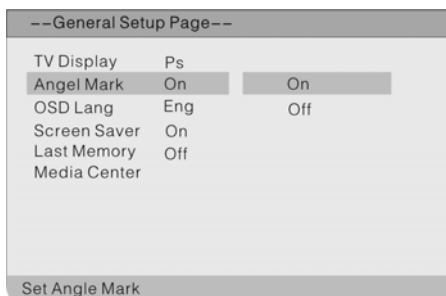
In the menu, Use the ▲ ▼ direction buttons to select the desired item. Press the ENTER button to enter the item. Press the ◀ button to return.

Dolby Digital Setup

```
--Dolby Digital Setup--

Dual Mono        Str      Stereo
Dynamic                   L-Mono
                          R-Mono
                          Mix-Mono



Dual Mono (1+1) Setup
```

1. Press the ▲ ▼ direction buttons to select **Dolby Digital**.
2. Press the **Enter** button to enter the setup, the screen will display as left:
3. In the menu, use the ▲ ▼ direction buttons to select items.
4. Press the **Enter** button to enter the setup. Press the ◀ button to return.

Dual Mono

```
--Dolby Digital Setup--

Dual Mono        Str      Stereo
Dynamic                   L-Mono
                          R-Mono
                          Mix-Mono



Dual Mono (1+1) Setup
```

1. Press the ▲ ▼ direction buttons to select **Dual Mono**.
2. Press the **Enter** button to enter the setup.
3. Use the ▲ ▼ direction buttons to select items.
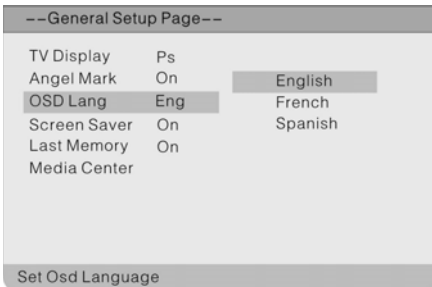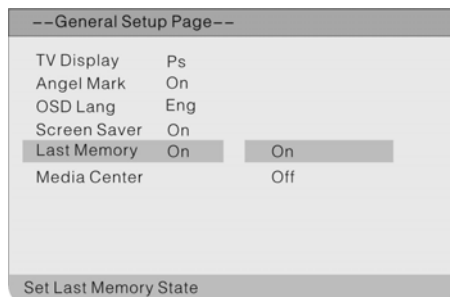4. Press the **Enter** button again to confirm selection and return.

Dynamic
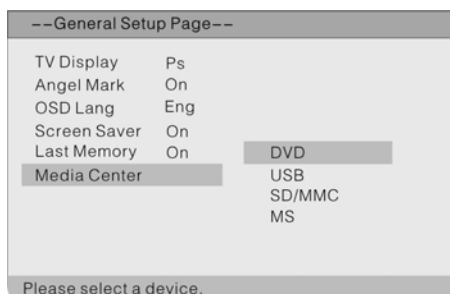
```
--Dolby Digital Setup--

Dual Mono        Str      —    —  FULL
Dynamic                   —    —
                          —    —  3/4
                          —    —
                          —    —  1/2
                          —    —
                          —    —  1/4
                          —    —
                          — ▮  —  OFF
Set Drc Off
```

1. Press the ▲ ▼ direction buttons to select **Dynamic**.
2. Press the **Enter** button to enter the setup, the screen will display as left:
3. Press the **Enter** button to enter.
4. Use the ▲ ▼ direction buttons to adjust.
5. Press the **Enter** button again to confirm setting and return.
6. Press the ◀ button to return.

DVD System Setup(Continued)

Hdcd Setup

In the Audio Setup Page, use the ▲ ▼ direction buttons to select **Hdcd Setup**, press the **Enter** button to enter the setup, the screen will display as below:

```
– –Hdcd  Setup Page– –

  Filter          1x        Off
                            1x
                            2x




  Filter
```

1. In the menu, press the **Enter** button to enter the setup.
2. Use the ▲ ▼ direction buttons to select items.
3. Press the **Enter** button again to confirm selection and return.
4. Press the ◄ button to return.

Video Setup

Press the **Setup** button to enter the General setup menu, then use the ◄ ▶ direction buttons to select Video Setup Page, the screen will display as the following:
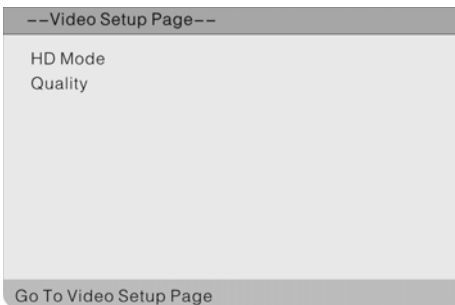
```
––Video Setup Page––

  HD Mode
  Quality




Go To Video Setup Page
```

In the menu, Use the ▲ ▼ direction buttons to select the desired item. Press the **Enter** button to enter the item. Press the ◄ button to return.

Video Quality Setup

Select **Quality**, press the **Enter** button to enter the menu as below:

```
––Video  Quality Setup ––

  Sharpness      Mid       High
  Brightness     00        Medium
  Contrast       00        Low




  Sharpness
```
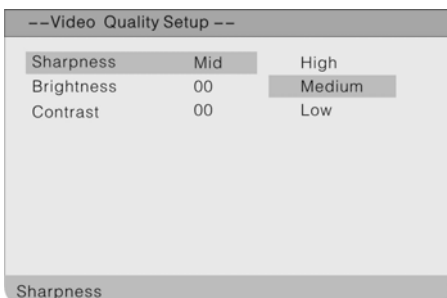
1. In the menu, Use the ▲ ▼ direction buttons to select the desired item.
2. Press the **Enter** button to enter the item.
3. Press the ◄ button to return.

DVD System Setup(Continued)

Sharpness

--Video Quality Setup --

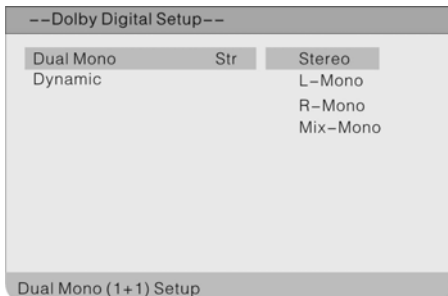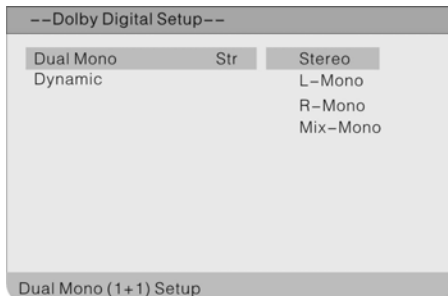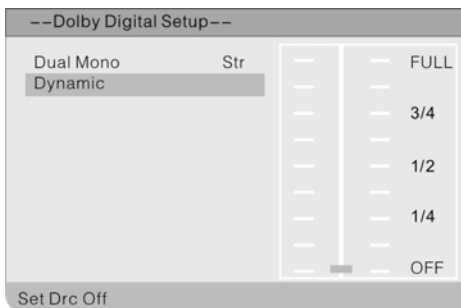| Sharpness | Mid | High |
| Brightness | 00 | Medium |
| Contrast | 00 | Low |

Sharpness

1. Press the ▲▼ direction buttons to select **Sharpness.**
2. Press the **Enter** button to enter the setup.
3. Use the ▲▼ direction buttons to select High, Medium or Low.
4. Press the **Enter** button again to confirm selection and return.
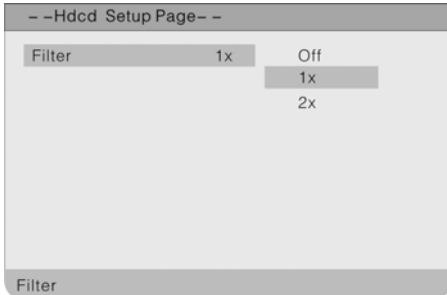
Brightness

Brightness ||||||||||,,,,,,,,,, 0

1. Press the ▲▼ direction buttons to select **Brightness**.
2. Press the **Enter** button to enter the setup, the screen will display as left:
3. Use the ◀ ▶ direction buttons to adjust the level.
4. Press the **Enter** button again to confirm setting and return.

Contrast

Contrast ||||||||||,,,,,,,,,, 0

1. Press the ▲▼ direction buttons to select **Contrast**.
2. Press the **Enter** button to enter the setup, the screen will display as left:
3. Use the ◀ ▶ direction buttons to adjust the level.
4. Press the **Enter** button again to confirm setting and return.

Preference Setup

Press the **Setup** button to enter the General setup menu, then use the ◀ ▶ direction buttons to select Preference Page, the screen will display as the following:

--Preference Page--

Tv Type	NTSC
PBC	On
Audio	Eng
Subtitle	Off
Disc Menu	Eng
Default	

Go To Preference Page

In the menu, Use the ▲▼ direction buttons to select the desired item. Press the **Enter** button to enter the item. Press the ◀ button to return.

DVD System Setup(Continued)

Audio

--Preference Page--

Tv Type	NTSC	English
Audio	Eng	French
Subtitle	Off	Spanish
Disc Menu	Eng	Chinese
Default		Japanese
		Korean
		Russian
		Thai

Preferred Audio Language

1. Press the ▲▼ direction buttons to select **Audio**.
2. Press the **Enter** button to enter the setup, see the left figure:
3. Press the ▲▼ direction buttons to select audio language.
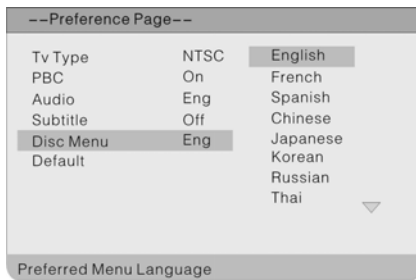4. Press the **Enter** button again to confirm setting and return.

Subtitle
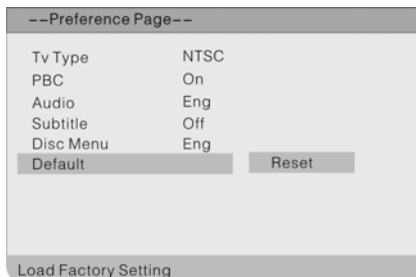
--Preference Page--

Tv Type	NTSC	French △
PBC	On	Spanish
Audio	Eng	Chinese
Subtitle	Off	Japanese
Disc Menu	Eng	Korean
Default		Russian
		Thai
		Off

Preferred Subtitle Language

1. Press the ▲▼ direction buttons to select **Subtitle**.
2. Press the **Enter** button to enter the setup, see the left figure:
3. Press the ▲▼ direction buttons to select Subtitle language.
4. Press the **Enter** button again to confirm setting and return.

Disc Menu

--Preference Page--

Tv Type	NTSC	English
PBC	On	French
Audio	Eng	Spanish
Subtitle	Off	Chinese
Disc Menu	Eng	Japanese
Default		Korean
		Russian
		Thai ▽

Preferred Menu Language

1. Press the ▲▼ direction buttons to select **Disc Menu**.
2. Press the **Enter** button to enter the setup, see the left figure:
1. Press the ▲▼ direction buttons to select Menu language.
2. Press the **Enter** button again to confirm setting and return.

Default

--Preference Page--

Tv Type	NTSC	
PBC	On	
Audio	Eng	
Subtitle	Off	
Disc Menu	Eng	
Default		Reset

Load Factory Setting

3. Press the ▲▼ direction buttons to select **Default**.
4. Press the **Enter** button, all the settings will return to the default status.

Troubleshooting

SYMPTOM	CHECK ITEM
The player does not play.	Make sure a disc is loaded in. Make sure disc is not loaded upside down. Make sure disc is not dirty or warped. Make sure the player's region code is the same as region code of DVD disc. Make sure water condensation has not occurred. If it occurs, take out disc and leave the player on for at least one hour.
There is no sound.	Make sure system's connection is correct. Make sure the sound setup of DVD disc is correct. Make sure disc is not dirty or warped. Clean or replace the disc. Make sure the speakers are not muted. In the TV mode, set the correct sound mode.
LCD does not display an image or is blank.	Make sure the unit is turned on and the connections are correct. Make sure the power cord is correctly connected.
DVD does not continue to play or plays the same section repeatedly.	Make sure the Pause button is pressed. Then press the A-B as many times as needed to play the disc. Make sure disc is not dirty or damaged.
There is no picture or picture moves up and down.	Check if the connections with the external AV signal source are correct. Correctly set the items in the picture menu. Check to see if you have made the correct video input/output connections. Make sure the unit is turned on and in correct video type.
The remote control does not work.	Make sure there are no obstructions between the remote control and the player. Make sure the remote control is pointing at the player. Make sure batteries are inserted and the polarity is correct. Make sure batteries are not weak.

Other Notes:

Static or other external interference may cause the player to behave abnormally. In this occurrence, unplug the power-supply cord from the outlet and plug it in again to reset the player. If the problem persists, then please disconnect the power and consult a qualified technician.

Specifications

TFT-LCD Resolution		1366x768
TFT-LCD Screen Size		31.5 inches
Laser Wavelength		780/650 nm
Video System		NTSC
Frequency Response		20Hz　20kHz　±2.5dB
Audio Signal-to-noise Rate		≥85dB
Audio distortion+noise		≤　70dB (1kHz)
Channel Separation		≥70dB (1kHz)
Dynamic Range		≥80dB (1kHz)
Audio Out	Analog Audio Out	Out Level: $1.5V\pm^{0.2}_{1.0}$, Load: 10KΩ
Video Out	Video Out	Out Level: $1V_{P-P}\pm0.1$, Load: 75Ω Unbalanced Negative
Power		AC110　220V　50/60Hz
Power Consumption		<230W
Dimension		803mm × 630mm × 280mm　LXWXD
Ambient Temperature		10~45°C
Weight		About 25 Kg

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