Model: P20LCDD

16:10 DIGITAL LCD-TV-Monitor

19" LCD TELEVISION BUILT-IN DVD PLAYER

OPERATING MANUAL

www.pyleaudio.com

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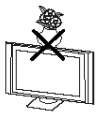
1 PREFACE

Thank you for buying this TV ! Please read this manual thoroughly before operating the monitor. Make sure the monitor was not damaged in transit. Should the monitor is damaged, do no install it and contact your dealer. Check that you have all the accessories according to the model.

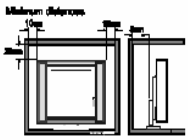
2 SAFETY PRECAUTIONS

Preparation

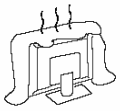
Put the monitor on a stable surface.



Do not use the monitor with others fixations than those provided or suggested by the manufacturer.



Do not place any material on the monitor.

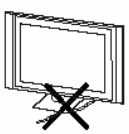


Do not block or cover the ventilation openings on the monitor

If you have a wall mount, check that it is steady

Power source
The monitor must be plugged with a tension source of 110 volts and 60 Hz.

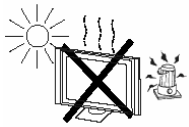
Connexion cables



Power cord and cables must be properly routed and protected to prevent people from stepping on them and causing the monitor to fall.

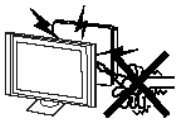
Heating sources and humidity

Keep the monitor dry and away from humidity.



Keep the monitor away from heat sources

Cleaning and maintenance



Unplug the monitor before cleaning it. Do not use solvents or liquids to clean the monitor.

Only clean the monitor with a soft and dry cloth.

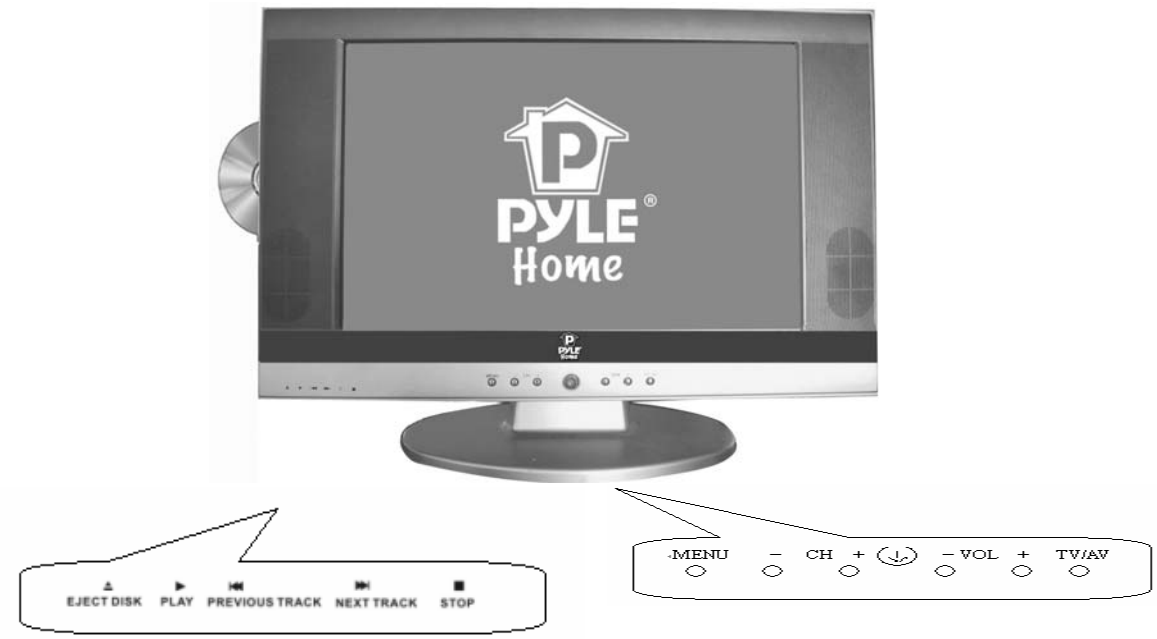
In case of troubleshooting, do not use spare parts other than those suggested by the manufacturer. Using inadequate spare parts can lead to electric shocks, short-circuits fire or other incidents.

Departure in holidays

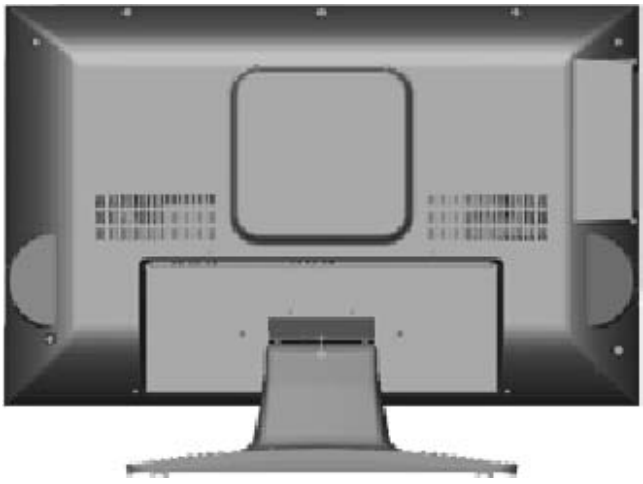
Unplug the LCD during lighting storms or when unused for long periods of time.

3 Front , Back , Connexions of LCD

Front View

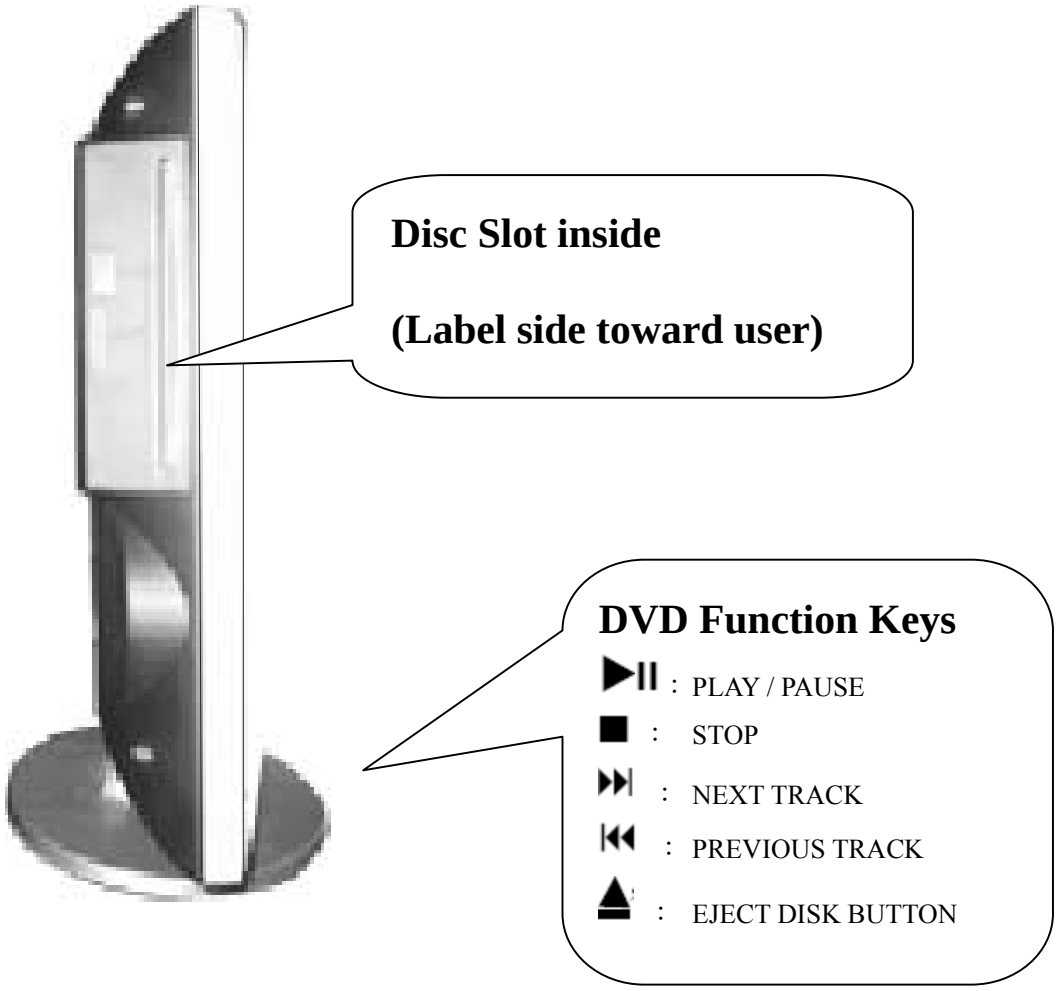


Back View and Control Connections



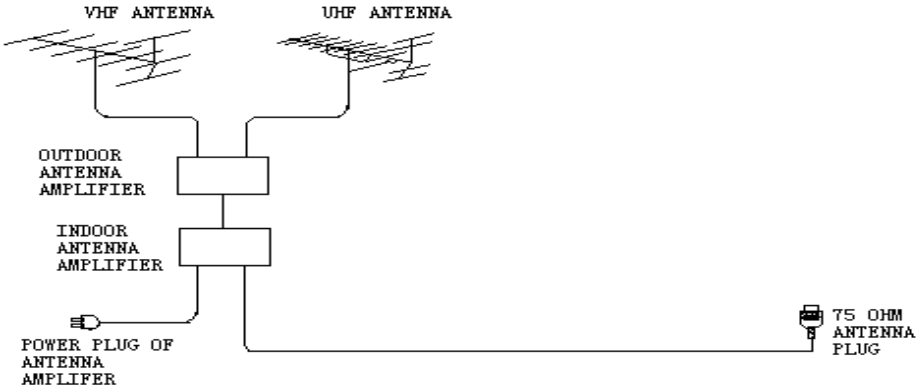
Side View

DVD Player Control



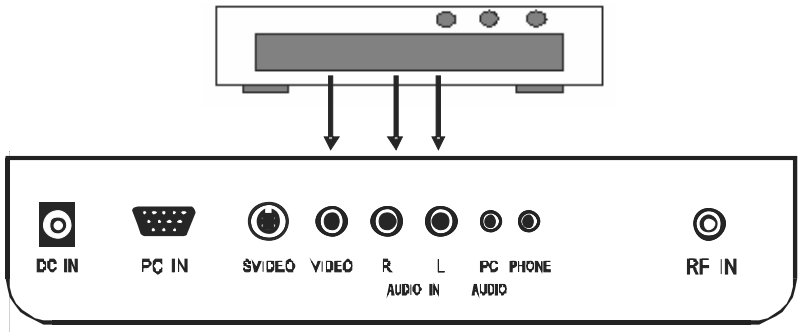
4. TV INSTALLTION DRAWINGS

4.1 CONNECTION ANTENNAS

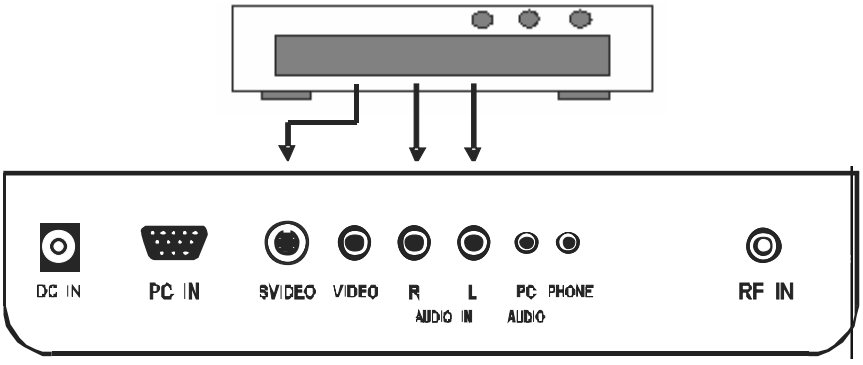


To ensure good picture and sound, TV antenna system needs to be installed. The antenna system as shown can be sourced from TV equipment shops, which will provide service for correct installation and connection. After installation, insert the 75-ohm antenna plug into the antenna jack as shown.In case of signal of closed circuit TV,

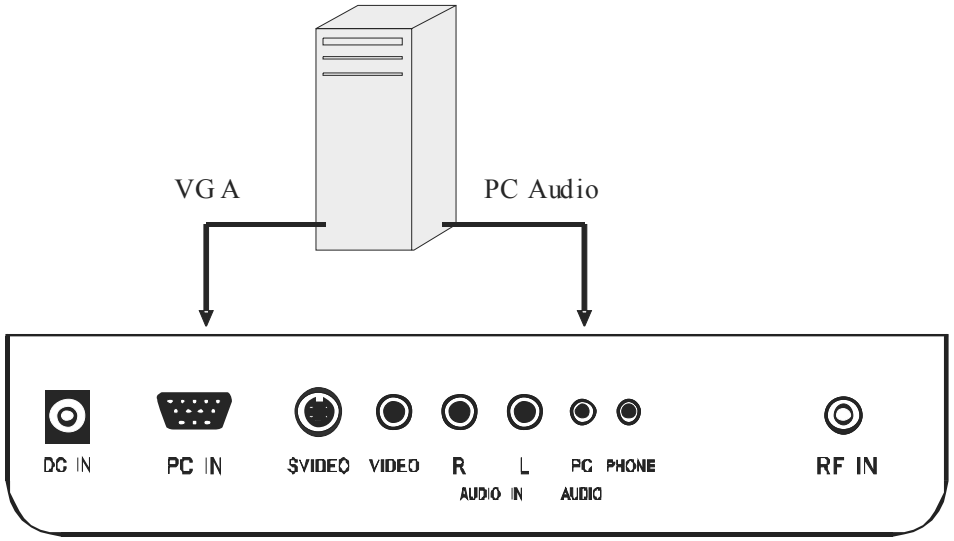
4.2 .VIDEO connection



4.3 S-Video connection



4.4 PC INPUT connection

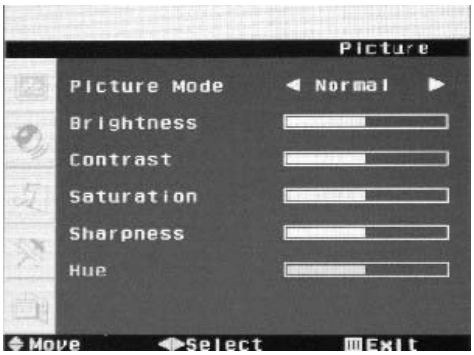


5 CONFIGURATION OF THE LCD

5.1 PICTURE SETTING

Press <SYS MENU> key until the screen displays as below.

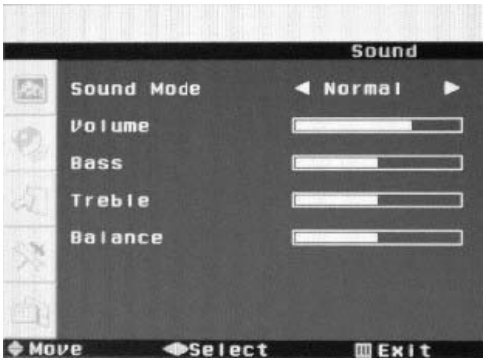
a) Press ► key to access image adjusting programmer. Press ▲ or ▼ key to select Picture Mode, Brightness, Contrast, Saturation ,Sharpness and Hue for required adjusting option.
b) Press ◄ or ► key to adjust the setting selected.



5.2 AUDIO SETTING

Press <SYS MENU> KEY until the screen displays as below.

a) Press ► key enter into audio menu press ▲ or ▼ key to select Sound Mode, Volume, Bass, Treble and Balance for required adjusting option.
b) Press ◄ or ► key to adjust the setting selected.



5.3 SOURCE SETTING

Press <SYS MENU> key until the screen displays as below.

a) Press ► key to access Language –Blue Screen –C.capion—Parent CTRL—Color temp—ONR—Reset menu setting.
b) Press ▲ or ▼ key to select exact menu setting.

RGB for input source

a) Press ▲ or ▼ key to access OSD <Language>, select suitable language as you like.
b) Press ▲ or ▼ key to access <Reset >, it will come back to original factory setting.

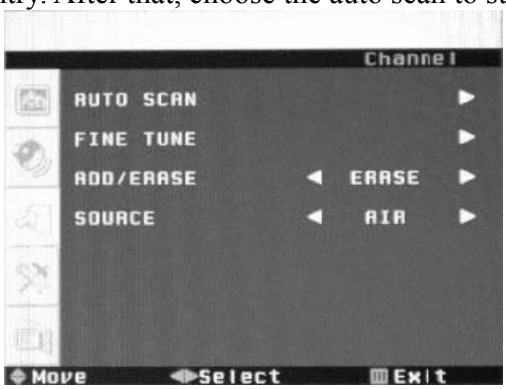
✧ If you have problems for the TV, pls use <Reset> menu help you to back to factory setting.

5.4 TV CHANNEL SEARCH

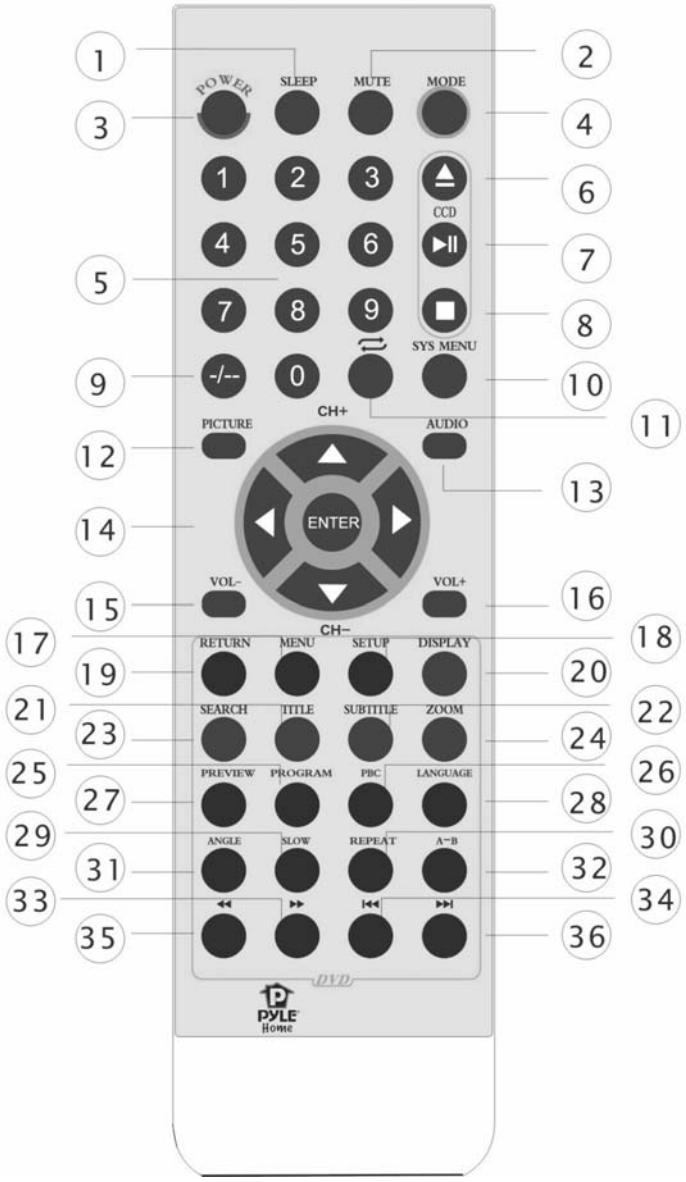
. Press <SYS MENU> key until the screen displays as below.

a) Press ► key to access Auto Tune – Fine Tune – Add/Erase –Source setting.
b) Press ▲ or ▼ key to select exact menu setting.
c) Press ▲ or ▼ key to select <Auto Scan> or <Fine Tune > menu to adjust the TV.
d) Press ▲ or ▼ key to access <add/Erase> to add or Erase the channel.

✧ For the first time use the TV, please choose the correct color system and sound system of country. After that, choose the auto scan to start searching the TV channel.



5 TV / DVD COMBO REMOTE CONTROL



A. Remote control instructions in TV mode

1 Automatic Switch off
2 Sound switch off
3 Standby button
4 TV- CVBS -SVIDEO- DVD- PC
5 Number Buttons
7 CCD
9 Access to one / two-Digit channel selection
10 System setting menu button
11 Previous CHANNEL
12 Picture mode selection
13 Audio mode selection
14 Channel control and menu adjustment button
15 Volume decrease button
16 Volume Increase button
20 Display control menu

B. Remote control instructions in DVD mode

6 To eject the disc
7 Pause/Play
8 To stop the disc
17 Access to menu in DVD Disc
18 Access to settings in DVD mode
19 Return to the previous screen
20 Display control menu
21 Locating a title
22 Access to subtitles
23 Search disc chapter and time
24 Zoom the picture in DVD Disc
25 Access to menu list, select chapter
26 PBC control for VCD 2.0 format disc
27 Preview the multi-pictures for VCD format disc
28 Selecting language
29 Slow key
30 Repeat the chapter or all chapter that we select
31 Select movie vision angle
32 Replaying point A to point B when selected
33 Fast forward key
34 Jump to previous track
35 Fast backward key
36 Jump to next track

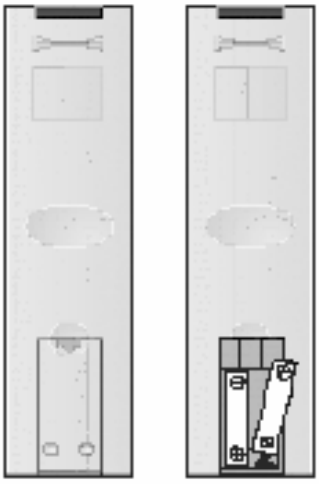
7 REMOTE CONTROLS SETUP

a) Open the cover
b) AA size batteries, When inserting the batteries, make sure correct polarities as per"+"and "-"marks on the batteries and within the battery compartment
c) Replace the battery cover

7.1 Battery Usage Caution:

To prevent battery leakage which may result in bodily injury or damage to the remote:

1. Install all batteries correctly, and as marked on the remote control.
2. Do not mix batteries:(OLD and NEW or CARBON and ALKALINE, etc)
3. Remove batteries when the remote is not used for a long time.



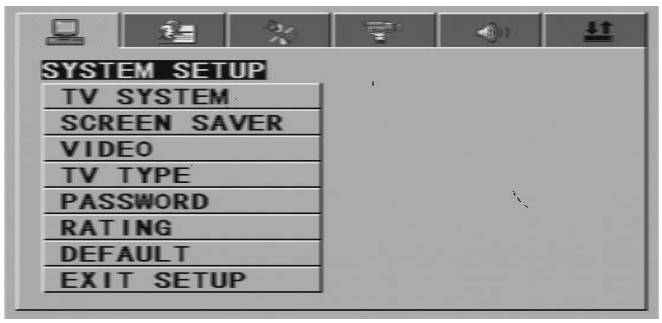
8 ACCESSORIES

1. Adapter Plug
2. One Remote Control
3. 2 Batteries 1.5V
4. One User Manual
5. AV Cable

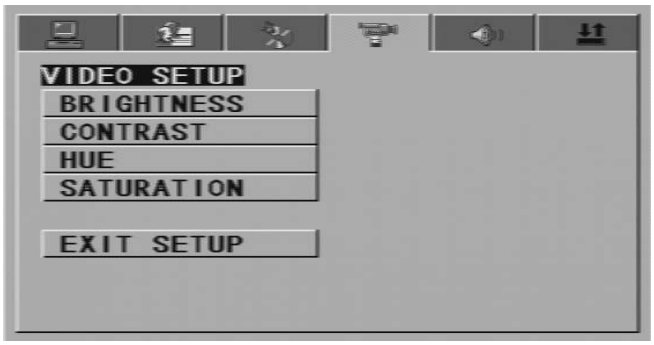
9. THE DVD SETUP MENU SYSTEM

9.1 General Steps of Setup Menu

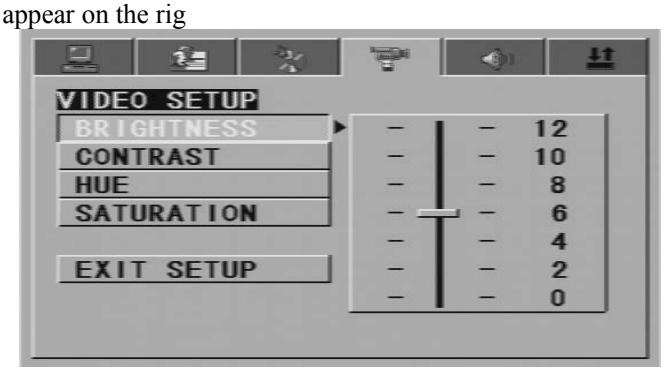
a) Press the Setup button, the main setup menu appears.
When the main menu displayed, the DVD system will auto pause.



b) Press the Left and Right arrow buttons to highlight the icon of the desired page, then press the Down or Right arrow button to activate that page; For example, if you want to setup the video page, press Right to highlight the video icon, the video page will be displayed on the screen.



c) Press the Down arrow button to highlight the desired option. Press Enter or press Right to select, the choices of that option appear on the right; For example, press the Down arrow button to highlight the BRIGHTNESS option, then press Enter to select, the brightness choices appear on the rig



d) Press the Arrow buttons to highlight the Exit Setup option, then press Enter or Setup again to exit Setup Menu.

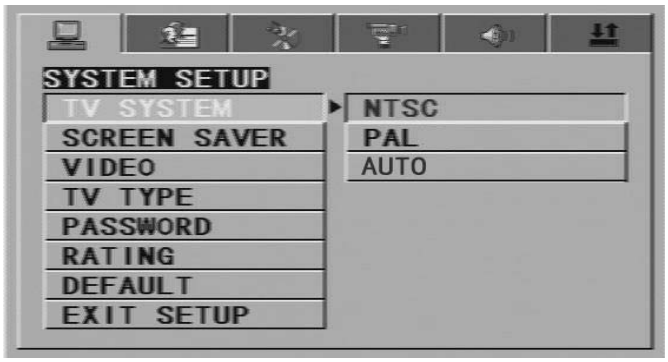
Notes:

When setup, the pressing of the following buttons will turn off the setup menu, while the choices that have been changed will be saved: P / N, Subtitle, F.F, F.R, Vol +/-, PBC, Title, Return, Play, Stop, Resume, Pause / Step, Next, Prev, S.F, S.R, Zoom, Preview, Goto, Program, Repeat, A-B, Angle, language, Soundtrack, 3D, Record, Display, Mute, Setup.

9.2 Setup Items Introduction

9.2.1 SYSTEM SETUP

The system setup options are illustrated below:

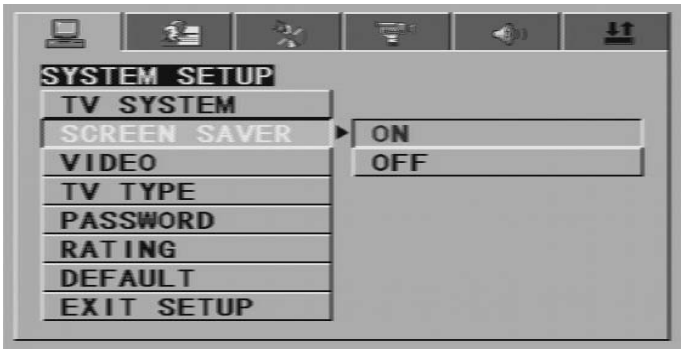


◆ TV SYSTEM

According to the Color System of the TV, you can choose the TV System.

- AUTO: Choose this settings if your DVD player is connected to a multi-system TV.
- NTSC: Choose this settings if your DVD player is connected to a NTSC TV.
- PAL: Choose this settings if your DVD player is connected to a PAL TV.

The default setting is NTSC.

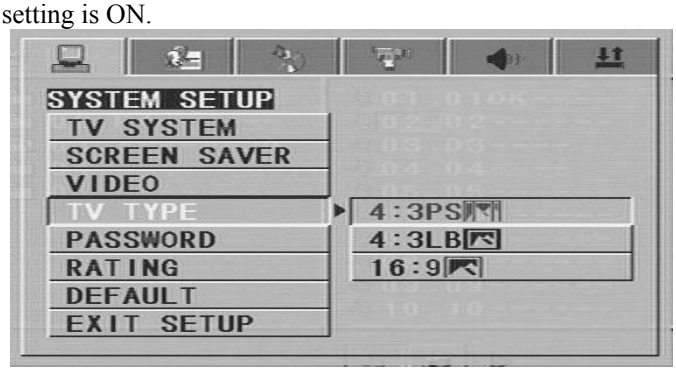


◆ SCREEN SAVER

If the screen saver is on, when your DVD player is in Stop, Open, or No Disc state, or there is a frame frozen for more than 60sec, the screen saver will be displayed. This feature can protect the screen from damage.

- ON: Choose this setting to activate the screen saver.
- OFF: Choose this setting to cancel the screen saver

The default setting is ON.

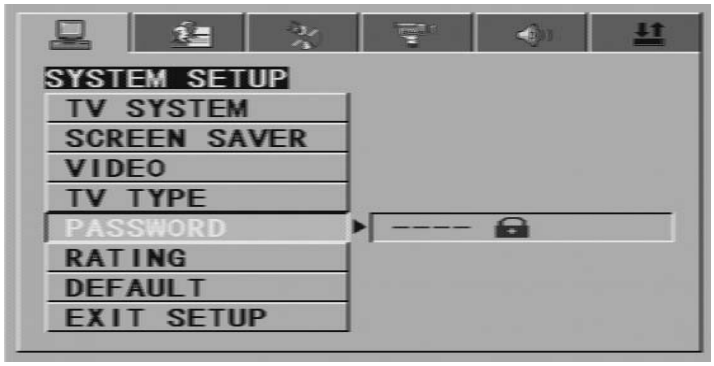


◆ TV TYPE

- 16 : 9 (Wide Screen): Choose this setting if your DVD player is connected to a wide screen TV. If you choose this setting and you don't have a wide screen TV, the images on the screen may appear distorted due to vertical compression.
- 4 : 3 LB (Letter Box): Choosing this setting if your DVD player is connected to a normal ratio TV. connector You'll see the movies in their original aspect ratio (height-to-width ratio). You'll see the entire frame of the movie, but it will take up a smaller portion of the screen vertically. The movie might appear with black bars at the top and bottom of the screen.
- 4 : 3 PS (Pan & Scan): Choosing this setting if your DVD player is connected to a normal ratio TV. You can fill the movie to the entire screen of your TV. This might mean that parts of the picture (the left and right edges) won't be seen.

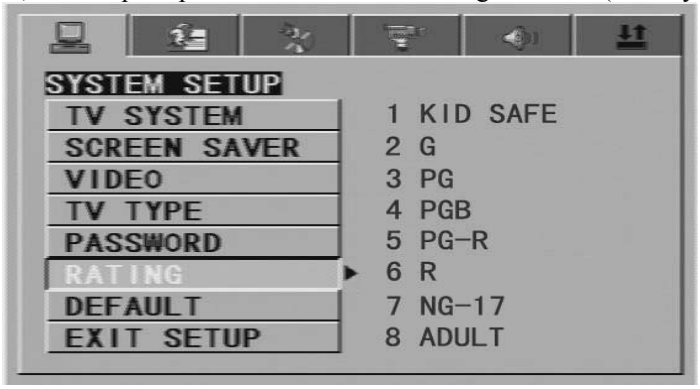
Notes:

- *The image display ratio is related to the recorded disc format. Some disc can not display images in the aspect ratio you choose.*
- *If you play a disc recorded in 4:3 format on a wide screen TV, black bars will appear on the left and right side of the screen.*
- *You must adjust the screen setting depending on the type of the television you have.*



◆ PASSWORD

The password option is initialized locked, and you cannot set the ratings limit or change the password. In order for the Ratings feature work, the password mode must be turned on. If you want to set the ratings limit, you will need to enter the default password, which is 0000, then press Enter to confirm. To change the password, you will be prompted for the old password, then be prompted for a new. Enter a 4-digit number (this is your password).



◆ RATING

The Rating feature is a rating limit system, like movie ratings. It works with DVD discs that have been assigned a rating. This helps you control the types of DVDs that your family watches.

- There are multi- rating options: 1.KID SAFE. 2. G. 3. PG. 4.PGB. 5.PG-R. 6.R..7.NG-17. 8.ADULT
- Select the VIEW ALL option to cancel the rating limit.

Notes:

- *If the password option is locked, you cannot set the ratings limit; the rating limit doe not work when the password option unlocked.*

◆ Highlight the AUDIO LANG option, and press the Arrow buttons to choose the audio language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will output audio in that language; There are multi- optional audio languages: Chinese, English, Japan, French, Spanish, Portuguese, German and Latin.

- Highlight the SUBTITLE LANG option, and press the Arrow buttons to choose the subtitle language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will displays subtitles in that language; There are multi- optional audio languages: Chinese, English, Japan, French, Spanish, Portuguese, German, and Off.

- Highlight the MENU LANG option, and press the Arrow buttons to choose the menu language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will displays menu in that language; There are multi- optional menu languages: Chinese, English, Japan, French, Spanish, Portuguese, German, and Latin.

Notes:

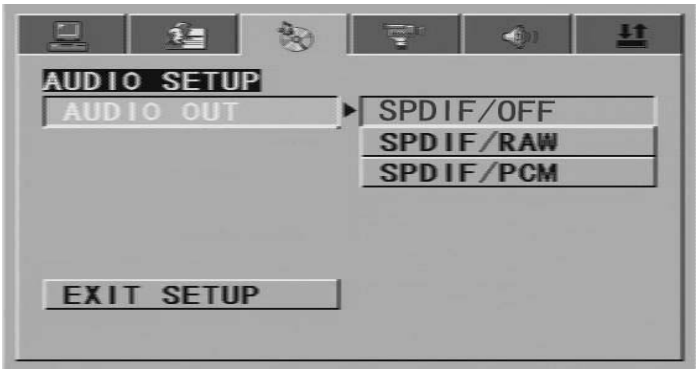
- *If your preferred language isn't available, the disc's default language will be played.*
- *The default language of your DVD player is Chinese.*

NOTE:

AUDIO OUT ONLY USE FOR THE MACHINE WITH Coaxial & Optical output.

9.2.2 AUDIO SETUP

The audio setup options are illustrated below:



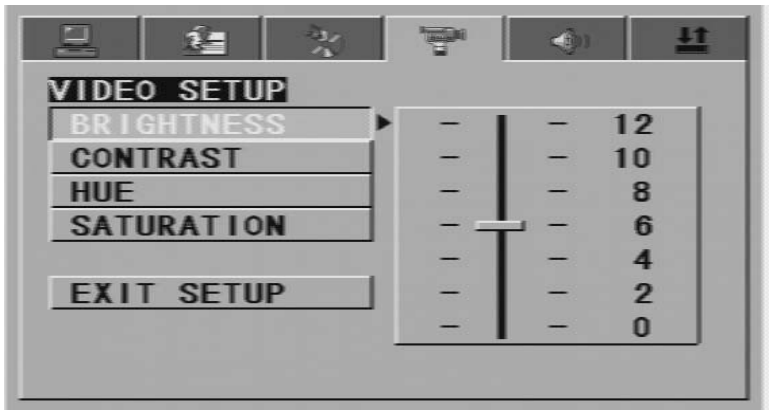
- Highlight the AUDIO OUT option, and press the Arrow buttons to choose the audio output mode you prefer. Press Enter to confirm; There are 3 optional audio output modes: ANALOG, SPDIF / RAW, and SPDIF/ PCM.

  - ANALOG: From the Coaxial Output jack and the Optical Output jack, no signal is output.
  - SPDIF/ RAW: Choose this setting if your DVD player is connected to a power amplifier with a coaxial cable or an optical cable; When playing a disc recorded with Dolby Digital, DTS and MPEG audio formats, the corresponding digital signals will be output from the Coaxial Output jack or Optical Output jack. This player's digital output jacks are designed for a connection to a Dolby Digital, DTS , or MPEG receiver or decoder.
  - SPDIF / PCM: Choose this setting if your DVD player is connected to a 2-channel digital stereo amplifier; When playing a disc recorded with Dolby Digital and MPEG audio formats, audio signals will be modulated into a 2-channel PCM signal, and it will be output from the Coaxial Output jack or Optical Output jack.

Notes:
AUDIO OUT function be same with coaxial/optical model only..

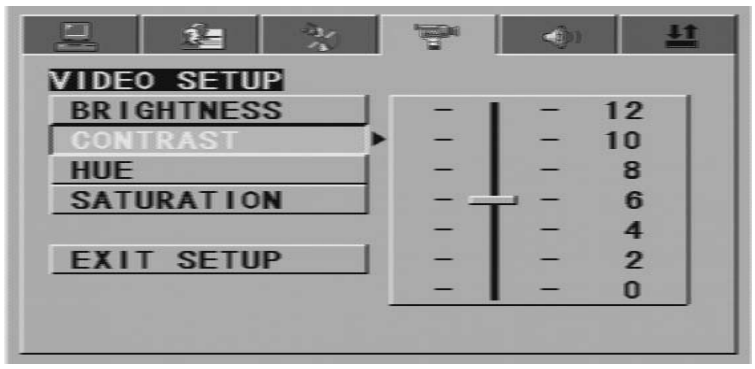
9.2.3 VIDEO SETUP

The video setup options are illustrated below:



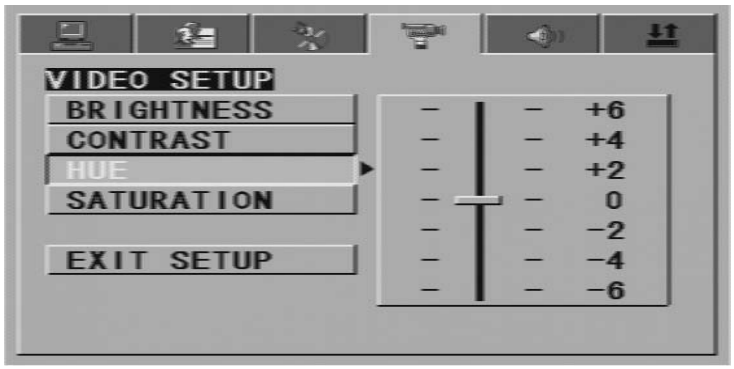
◆ BRIGHTNESS

Use the Up and Down arrow button to move the scroll and adjust the brightness.



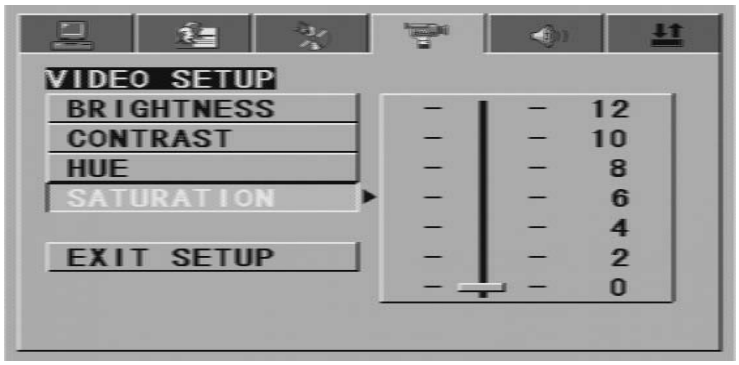
◆ CONTRAST

Use the Up and Down arrow button to move the scroll and adjust the contrast.



◆ HUE

Use the Up and Down arrow button to move the scroll and adjust the hue.



◆ SATURATION

Use the Up and Down arrow button to move the scroll and adjust the saturation.

9.2.4 SPEAKER SETUP

The speaker setup options are illustrated below

:

◆ DOWNMIX

Use the Up and Down arrow button to move the scroll and adjust the saturation.

- LT / RT: Choose this setting; it will be sound like in a movie theatre if the original movie the disc was recorded from was encoded in the Pro Logic Dolby Digital format.
- VSS: Choose this setting, when a disc recorded with 5.1-channel sound format playing, the fictitious surround soundtracks effect will be heard from the main soundtrack.

9.2.5 DIGITAL SETUP

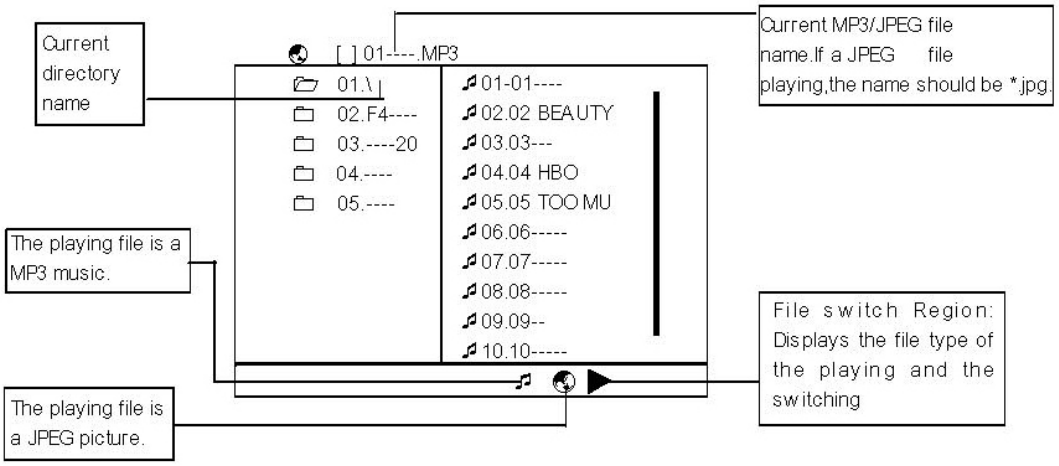
The digital setup options are illustrated below:

◆ DUAL MONO (LEFT + RIGHT)

Choose this option to setup the L and R mono output mode; There are four modes in this option: STEREO, MONO L, MONO R, and MIX MONO; It is mainly used in karaoke mode.

10 . Playing MP3 AND JPEG DISCS

Place a MP3 / JPEG disc into the tray, and the player will auto search the directories saved MP3 / JPEG files. After searching, it will auto go to the first directory saved MP3 files (to the disc containing both mp3 and jpeg files; To the disc containing single type of files, it will auto go to the first directory) and play the first song in the directory ("01:" is highlighted).The screen displays as the picture below:



Use the Arrow buttons to enter the Directory Region and highlight the desired directory, then the first track under it starts playback; Also you can use the Arrow buttons to enter the File Region and select the file you want to play.

Notes:

I. Press the Left and Right arrow buttons, you can activate Directory Region, File Region and File Switch Region separately.

II. The highlight in Directory Region and File Region is shown as the picture above; While it appears a transparent rectangle in File Switch Region.

III. In File Switch Region, you can press the Left and Right arrow buttons to switch the highlight, then press Enter; the "M", "P", and "G" button is illustrated in the above picture. For example, if a disc with MP3 and JPEG files but without any NES files is loaded, the color of the letter "M" and "P" will appear to white and "G" black. If a MP3 file playing, "M" turns darker.

IV. To the disc with WMA, MP3 and JPEG files, when playing a JPEG picture, press the Return button to return to JPEG list.

V. You can press the Numeric buttons to select the file you want to play. For example, if you desire the 15th track in current list, press the "10+" button once, then press "5", the 15th starts playback.

Notes: When playing a disc with MP3 files, video cannot be output while only digital audio can.

VI. When playing JPEG pictures, press the Program button to choose the pictures switched mode. There are 17 switch modes; Press Program repeatedly to activate the function and choose the required switch mode: Spread from Up to Down, Spread from Down to Left, Spread from Left to Right, Spread from Right to Left, Spread from Left Up to Right Down, Spread from Right Up to Left Down, Spread Left Down to Right Up, Spread from Right Down to Left Up, Spread from Center to Up / Down, Fold from Up / Down to Center, Fold from Left / Right to Center, Horizontal Shutter, Vertical Shutter, Fold from the Corners to the Center, Random Play, Off.

VII. When a picture playing or pausing, press the Arrow buttons to change the display angle:

FAST BACKWARD*: 90°counter-clockwise*

FAST FORWARD*: rotate 90°clockwise*

VIII. When a picture playing or pausing, press the Menu button, the screen displays small pictures. Up to 12 small pictures are displayed per screen. To view the next 12 pictures, press the Next button to go forward and the Prev button to go to the previous page. You can also select and play a picture in full screen by press that number on the remote.

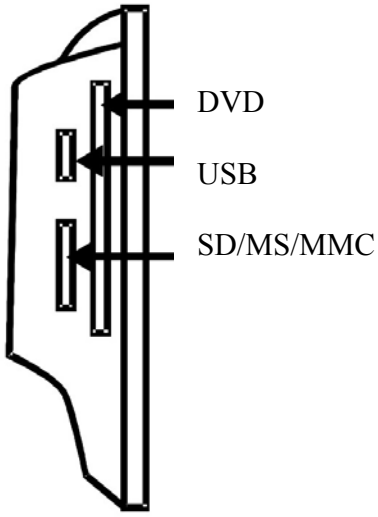
REFERENCE:

- *To protect your DVD player, the interval between two consecutive Power button operations must be above 30 seconds.*
- *No using for a period of time, please pull out the plug from the electronic outlet.*
- *The player should be operated only on condition that the type of power supply corresponds to the marking label. Otherwise, it doesn't work or even be damaged.*
- *The player may not be compatible with some encrypted discs.*
- *If the player stops playback by accident, please power it on again.*

CARD READER FUNCTION

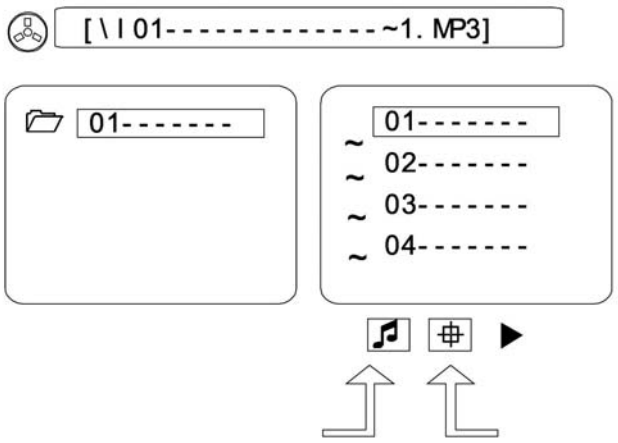
On DVD mode, plug in your U drive, SD, MS, MMC into the slot show in fiqure1.

Fiqure 1.



The unit will detect the files automatically and show the result on the screen as figure 2.

Figure 2.



Music Picture

Use the normal function key like PLAY/ STOP/ FFW/ REW to play the music or pictures from your media drive.

11 TROUBLESHOOTING AND ADVICE

Before calling our SAS centre, please check if you can solve the troubleshooting by yourself.

Troubleshooting	Control
No signal	Please check that all cables and cord's are correctly plugged in.
No color shades	Adjust the contrast, the color and the brightness
Stain show on the screen.	May be result from a lighting signal from car, motor, neon light and other electrical devices or appliances.
Double or multiple display image	May be the result of an electrical wave disturb from other TV, Computer and Game machine or Radio
Snow on the screen	The cables of the antenna are not correctly plugged in.
The remote control does not work	Please check the batteries order and alignment. Check that the IR of the remote control is not hidden by something.
"Zip" made noise on TV cover	Even if the display image is correct, the noise may come from an unsteady fixation of the panel.
No sound	Make sure that you have not press the MUTE button of the panel or of the remote control.
No DVD	Make sure if the TV Set have been switched to DVD mode
DVD player not working properly	Ensure disc is correctly inserted into the player. Ensure the disc does not damaged and with correct format. Please wait patiently as some discs need longer time to play.

12. SPECIFICATIONS

Screen Size		19 Inch
Display Type		TFT LCD
Resolution(Pixel)		1440 * 900
Brightness		300cd/㎡
Color		24 bit
Contrast Ratio		700 : 1
View Angle(H/V)		120/100
Aspect Ratio		16:10
Power Source		120VAC , 60HZ DC12V Adapter ≤60W
TV System		NTSC
Video Input Format		NTSC / PAL
Antenna Input		Standard antenna socket 75 Ω
Audio Output		L / R 3W*2
Input	Video	Video 1.0Vp-p 75 Ω; RCA
	S-Video	Y:1.0Vp-p±3db C:0.3Vp-p±3db
	PC	640*480/60Hz 、 800*600/60Hz 、 1024*768/60Hz
	Audio (Videos-Video-PC)	R/L 200mVrms (max3.0vp-p) 20KΩ RCA
Disc Physical Format		DVD/CD/VCD/MP3/JPEG/CD-R/CD-RW
DVD Video Output Format		PAL/NTSC
Video Decompression		MPEG-2 (ISO/IEC-13818),MPEG-1,JPEG
Weight		6.1KG
Dimensions (with stand)		57(L) * 20(H)* 41(W) cm

This manual is only for your reference, any change to the design and specification will not be advised.