

0090509448

### 技术要求

1. 说明书合计14页;
2. 封面\内页使用 $70 \pm 2g/m^2$ 双胶纸;
3. 部件应符合企业标准Q/HR 0903 002的检验要求;
4. 尺寸为 $210 \times 143$  (mm), 成品裁切尺寸公差为 $\pm 1.0mm$ , 大于 $\pm 2.0mm$ 为废品, 成品的裁切歪斜不得大于 $2.0mm$ ;
5. 版面整洁, 细小斑点或脏迹不影响主体, 同批次的色调和外观应保持一致;
6. 材料应符合企业标准Q/HDZ 091 054对有毒有害物质的限量要求。

媒体编号						镀涂		_____				
00000309243						<b>L19K3</b> (ONN) <b>MST721说明书</b>		<b>0090509448</b>				
旧底图总号												
底图总号		标记	数量	更改单号	签名			日期	阶段	标记	质量	比例
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日期		审核		王辉			第 1 张		共 29 张			
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		批准		娜 婕								



# LCD TV USER MANUAL

Please read this manual carefully  
before using this TV set and keep it  
for future reference.

MODELS:  
LA19T3W(STOCK#ONN19LCD)  
LX19T3W(STOCK#ONN19LCDV)  
LA22T3W(STOCK#ONN22LCD)  
LX22T3W(STOCK#ONN22LCDV)

# WARNING AND CAUTION

	<b>CAUTION</b> RISK ELECTRIC SHOCK DO NOT OPEN	
<p><b>CAUTION:</b> TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>		



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 products enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



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.

**WARNING:** TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

**CAUTION:** TO PREVENT ELECTRIC SHOCK DO NOT USE THIS POLARIZED PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

**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.

**CAUTION:** USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. (This item is only for TV with DVD models.)

# IMPORTANT SAFETY INSTRUCTIONS

## Important Safety Instructions

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. 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) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 10) Only use attachments/accessories specified by the manufacturer.
- 11) 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.



- 12) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 13) 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.
- 14) The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- 15) The mains plug or appliance inlet is used as the disconnect device, remain it readily operable during the apparatus normal use.

## Safety Notice Items

Incorrect usage may cause fire or electric shock. To prevent this, please do as required when you are installing, using and cleaning this machine. To ensure your safety and extend the life-span of LCD-TV, please read the following items carefully before using:

Please read and understand all the instructions before operation;

Please keep this manual for later use;

Please comply strictly with the warning instructions on the machine and in this book;

Please comply with the instructions provided;

Please do not use additional devices that are not recommended by manufacturer;

Before operation, please make sure that the operating voltage of your unit is correct;

Do not place the unit on unstable, dusty and humid places;

Never put the unit in direct sunlight or near heat sources;

Allow enough space for proper ventilation;

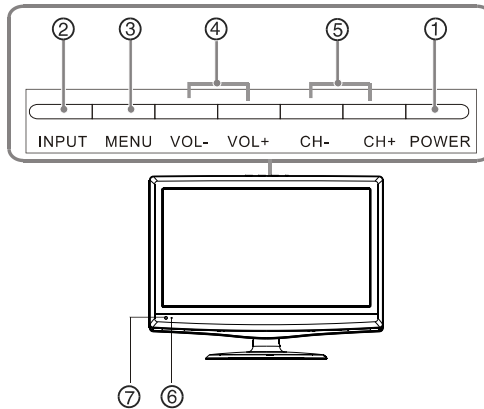
Please keep water away from the LCD-TV. If water comes in contact with the LCD-TV, disconnect the power cord from the power source, then wipe the set with a dry soft cloth;

Do not remove the back cover. If service is needed, please contact an authorized service technician.

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# Front Panel Controls

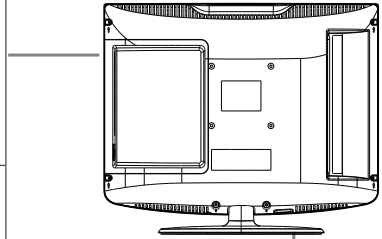
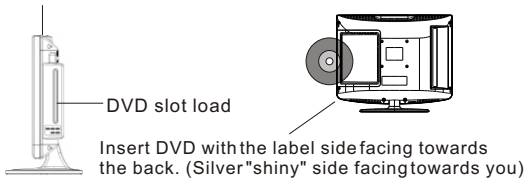
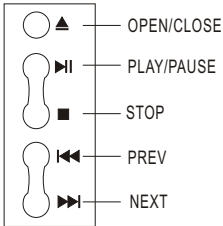


## Control Panel Function

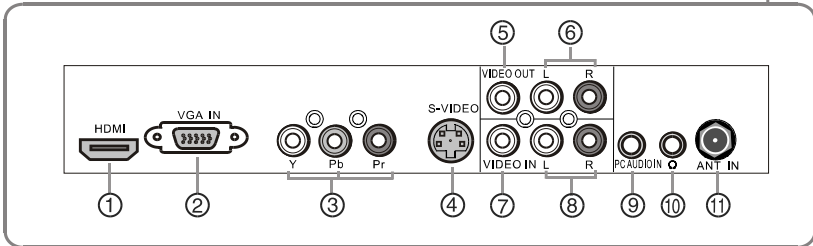
1. **POWER** Press to turn on and off the TV.
2. **INPUT** Selects the input signals.
3. **MENU** Menu display. Press to access the on-screen menu display.
4. **VOL-** Volume down / Left button to adjust the item in the OSD.  
**VOL+** Volume up / Right button to adjust the item in the OSD  
/Press to enter.
5. **CH-** TV channel down / to select the item in the menu.  
**CH+** TV channel up / to select the item in the menu.
6. Power indicator
7. **Remote Sensor** Receivers IR signals from the remote control.  
Do not put anything near the sensor ,which may block the remote control signal.

# Connection Options

## DVD



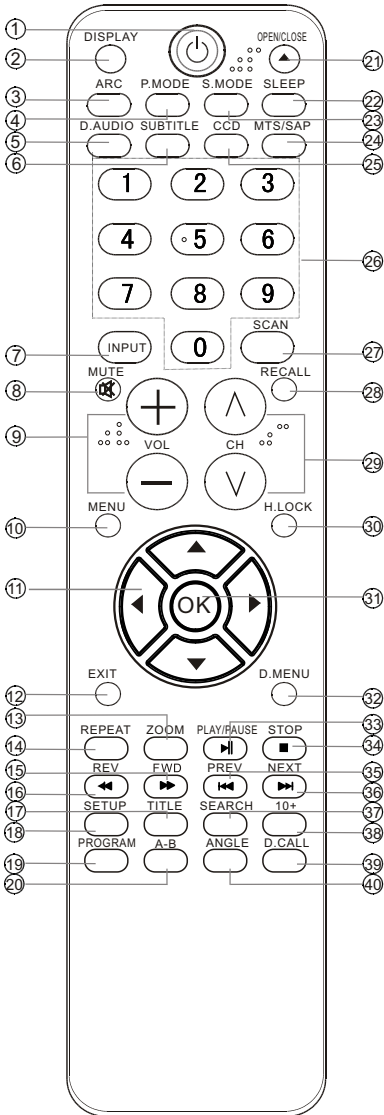
(The above figure is for reference only, connections may differ depending upon the models and terminals of some models may be on the back bottom of the set)



1. **HDMI:** Connect a HDMI device to receive digital audio and uncompressed digital video.
2. **VGA** Connect to the VGA 15PIN analog output connector of a PC graphics card to use set as a PC display.
3. **Component Input** Connect a component video device to these jacks.
4. **S-VIDEO** Connect S-Video out from an S-Video device to the jacks.
5. **VIDEO Out** Connect video input from an external device to this jack.
6. **AUDIO Out** Connect audio input from an external device to these jacks.
7. **Video in** Connect video output from an external device to this jack.
8. **Audio in** Connect audio output from an external device to these jacks.
9. **PC audio in** Connect the audio output from the pc to the PC audio input port.
10. **Headphone jack:** Headphone audio output terminal.
11. **ANT IN (Antenna Input)** Connect cable or antenna signals to the TV, either directly or through your cable box.

# Remote Control Key Functions

When using the remote control, aim it towards the remote sensor on the TV



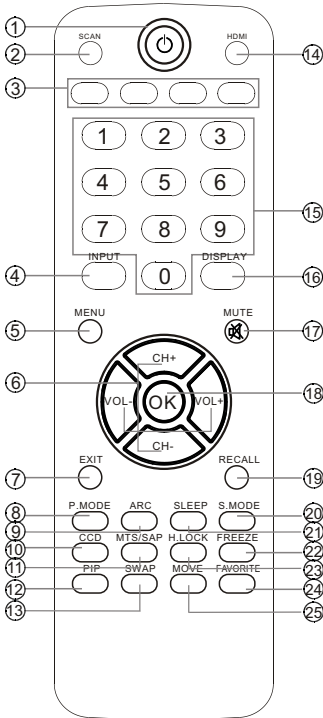
(For TV with DVD)

1. Press to turn on and off the TV
2. Press to display the TV status information on the top of the TV screen
3. Press to change the aspect ratio
4. Press repeatedly to cycle through the available picture modes
5. DVD AUDIO
6. DVD SUBTITLE
7. Show the input source
8. Switches the TV sound on or off
9. Press to adjust the volume
10. Press to open the on-screen menu
11. Thumbstick (Up/Down/Left/Right)  
Allows you to navigate the on-screen menus and adjust the system settings to your preference
12. Clears all on-screen displays and returns to TV viewing from any menu
13. DVD ZOOM
14. DVD REPEAT
15. DVD FAST FORWARD
16. DVD FAST REVERSE
17. DVD TITLE
18. DVD SET UP
19. DVD PROGRAM
20. DVD A-B
21. DVD Open/close
22. Press to display the sleep timer option
23. Press to cycle through different sound settings
24. Select MONO, STEREO, SAP
25. Select a closed caption option
26. Press to change a channel
27. SCAN
28. Press to jump back and forth between two channels
29. Press to scan through channels. To scan quickly between the last two channels, press and hold down either +/- .
30. V-CHIP
31. Confirm button
32. DVD menu
33. DVD PLAY/PAUSE
34. DVD STOP
35. DVD Previous Chapter
36. DVD Next Chapter
37. DVD SEARCH
38. DVD 10+
39. DVD CALL
40. DVD ANGLE



# Remote Control Key Functions

When using the remote control, aim it towards the remote sensor on the TV.

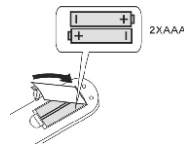


(For TV without DVD)

1. Press to turn on and off the TV
2. SCAN
3. Not available
4. Show the input source
5. Press to open the on-screen menu
6. Volume/Channel Selection
7. Clears all on-screen displays and returns to TV viewing from any menu
8. Press repeatedly to cycle through the available picture modes
9. Press to change the aspect ratio
10. Select a closed caption option
11. Select **MONO, STEREO, SAP**
12. Not available
13. Not available
14. HDMI mode
15. Press to change a channel
16. Press to display the TV status information on the top of the TV screen
17. Switches the TV sound on or off
18. Confirm button
19. Press to jump back and forth between two channels
20. Press to cycle through different sound settings
21. Press to display the sleep timer option
22. Not available
23. **V-CHIP**
24. Not available
25. Not available

## Installing Batteries

Insert two size AAA batteries matching the +/- polarities of the battery to the +/- marks inside the battery compartment.



## Precautions

Make sure that there is no obstacle between the remote controller and television set.

Make sure that two AAA depending up the model alkaline batteries are loaded. The batteries must be of the same type, must be inserted properly, and must not be rechargeable.

Keep the remote control away from heat sources or humid areas to ensure effective performance of the remote.

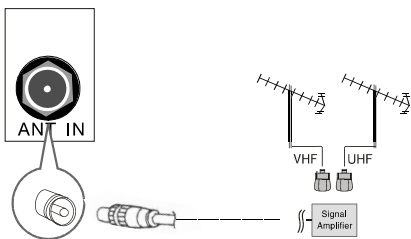
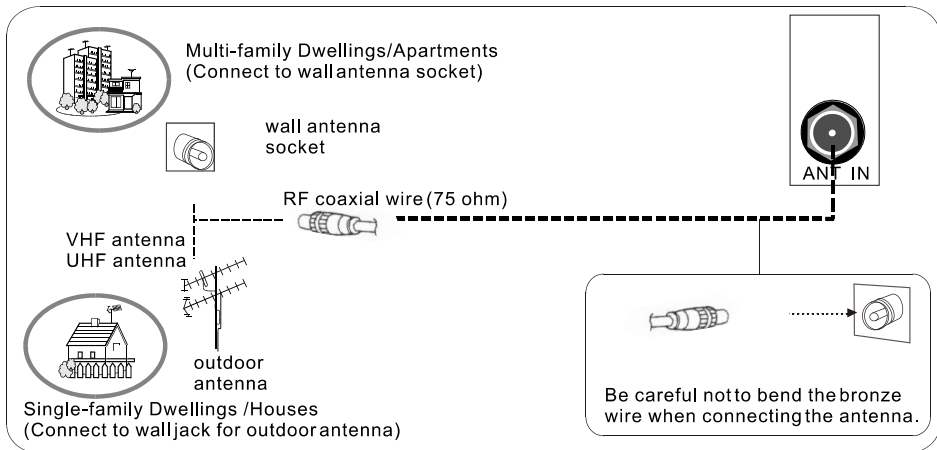
As strong light may interfere with the signals, change your position to operate the remote control if the television cannot be turned on or off as expected.

# Connection Instructions

## External Equipment Connections

### Antenna Connection

- Antenna or Cable Service with a Cable Box Connections
- For optimum picture quality, adjust antenna direction if needed.



- To improve picture quality in a poor signal area, purchase and install a signal amplifier.
- If the antenna needs to be split for two TV's, install a "2-Way Signal Splitter" in the connections.
- If the antenna is not installed properly, contact your dealer for assistance.

**Note:**All cables shown are just for example.

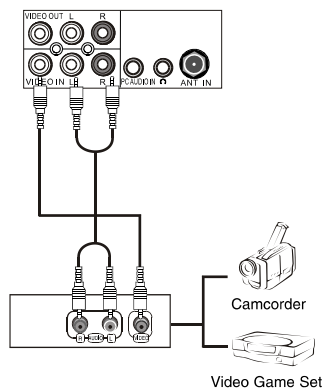
### External AV Source Setup

#### How to connect

Connect the audio and video cables from the external equipment's output jacks to the TV input jacks, as shown in the figure. When connecting the TV to external equipment, match the jack colors (Video = yellow, Audio Left = white, and Audio Right = red).

#### How to use

1. Select the input source by using the **INPUT** button on the remote control.
2. Operate the corresponding external equipment. Refer to external equipment operating guide.



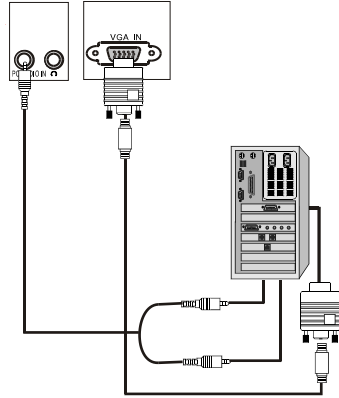
# Connection Instructions

## PC Setup

You can use your LCD-TV as a monitor for your personal computer using a VGA cable (not supplied).

### Connection and use steps:

1. Read the userguide supplied with your computer and ensure that it has a VGA connector;
2. Make sure that the power of the LCD -TV and the PC are off;
3. Connect a D type 15-pin VGA interface cable ( not supplied ) to the VGA video interface connector on the PC. Then connect the other end to the PC video interface connector on the back of the LCD-TV. Tighten the screws on the VGA connectors once they are firmly connected;
4. Turn on the power of the LCD-TV first , and then turn on the power of the PC;
5. Press **INPUT** button to set the video input mode of the LCD-TV to PC;
6. Check the image on your TV. There may be noise associated with the resolution, vertical pattern, contrast or brightness in PC mode. If noise is present, change the PC mode to another resolution, change the refresh rate to another rate or adjust the brightness and contrast on the menu until the picture is clear. If the refresh rate of the PC graphic card can not be changed, change the PC graphic card or consult the manufacturer of the PC graphic card.



### Resolution

Mode	Resolution	Line frequency (Khz)	Frame frequency (Hz)
VGA	640*480	31.5KHz	60Hz
SVGA	800*600	37.9KHz	60Hz
XGA	1024*768	48.4KHz	60Hz

Note: All above listed are subject to VESACriteria.

## YPbPr Input

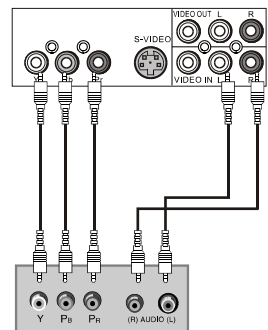
### How to connect

Connect the DVD video outputs (Y, PB, PR) to the COMPONENT(Y, Pb, Pr) IN jacks on the TV and connect the DVD audio outputs to the AUDIO IN jacks on the TV, as shown in the figure.

**NOTE:** If your DVD player does not have component video output, use S-Video.

### How to use

1. Turn on the DVD player, insert a DVD.
2. Use **INPUT** button on the remote control to select.



# Connection Instructions

## VCR Setup

To avoid picture noise (interference), leave an adequate distance between the VCR and TV.

### Connection and use steps:

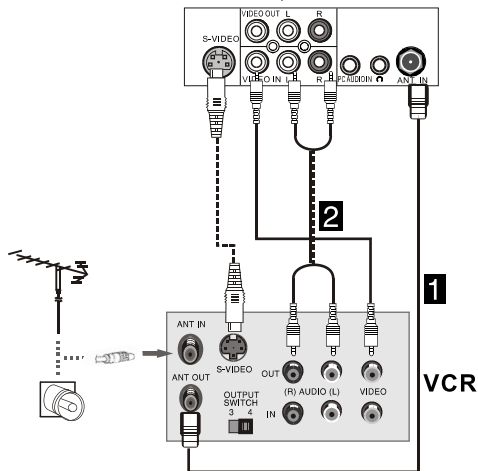
1. Read the user guide supplied with your AV devices and ensure that it has S-Video connectors;
2. Make sure that the power of the LCD-TV and the AV device are off;

### Connection Option 1

Set VCR output switch to 3 or 4 and then tune TV to the same channel number.

### Connection Option 2

1. Connect the audio and Svideo cables from the VCR's output jacks to the TV input jacks, as shown in the figure.
2. Insert a video tape into the VCR and press PLAY on the VCR. (Refer to the VCR owner's manual.)
3. Turn on the power of the LCD-TV first; and then turn on the power of the AV device;
4. Press **INPUT** button to set the video input mode of the LCD-TV to S-VIDEO mode .



## Cable TV Setup

After subscribing to a cable TV service from a local provider you can watch cable TV programming. The TV cannot display TV programming unless a TV tuner device or cable TV converter box is connected to the TV.

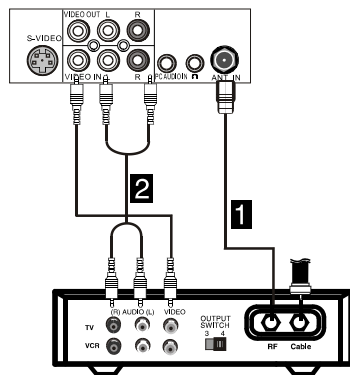
For further information regarding cable TV service, contact your local cable TV service provider(s).

### Connection Option 1

1. Select 3 or 4 with channel switch on cable box.
2. Tune the TV channel to the same selected output channel on cable box.
3. Select channels at the cable box or with the cable box remote control.

### Connection Option 2

1. Connect the audio and video cables from the Cable Box's output jacks to the TV input jacks, as shown in the figure. When connecting the TV to a Cable Box, match the jack colors (Video = yellow, Audio Left = white, and Audio Right = red).
2. Select the input source by using the **INPUT** button on the remote control.
3. Select your desired channel with the remote control for cable box.



Cable Box

# Basic Operating Instructions

## Turn on the LCD-TV

When the **POWER** button on the remote control is pressed and the LCD-TV is turned on, the indicator light on the front of the LCD-TV changes from red to green. When the LCD-TV is turned off using the **POWER** button, the LCD-TV will go into standby mode and the indicator light turns red.

Note:

The display of the input mode will disappear in about 8 seconds.

You can also turn on the TV from standby mode by pressing **CH+/-**.

Switch Among Different Inputs: TV/AV/S-VIDEO/COMPONENT/PC/HDMI.

Each time you press **INPUT** button, and then press **CH+/-** to select: TV/AV/S-VIDEO/COMPONENT/PC/HDMI, press **VOL+/OK** to confirm.

## Audio Control

1. Press **VOL+** button to increase the volume. A number will appear on screen indicating the volume level.
2. Press **VOL-** button to decrease the volume. A number will appear on screen indicating the volume level.

## Mute

1. Press **MUTE** button to mute the sound temporarily. A mute icon appears on the screen.
2. Press **MUTE** button again or **VOL+** to restore the sound. The mute icon disappears.

## Select the TV Channel You Want

You can use the number keys on the remote control to directly select TV channels. And you can press the keys on the remote control or on the panel to make a selection.

## P.MODE Mode

Press **P.MODE** button on the remote control for menu display. For desired mode as follows: Standard → Soft → Bright → User.

## S.MODE Mode

Press **S.MODE** button on the remote control for menu display. For desired mode as follows: Standard → Theater → Music → User.

## Sleep

Press **SLEEP** button to set the time : SLEEP Off-SLEEP 5Min-SLEEP 10Min-SLEEP 15Min-SLEEP 30Min-SLEEP 45Min-SLEEP 60Min-SLEEP 90Min-SLEEP 120Min-SLEEP 180Min-SLEEP 240Min.

This feature allows you to turn off the television after a pre-selected number of minutes.

# Basic Operating Instructions

## H. LOCK

Press H.LOCK to enter it and input the password correctly, the H.LOCK menu will appear on the screen (The initial password is 0000).

**Password:** The password can be changed. Press VOL+/OK to enter. The screen will display New PW ----, then enter the new password and the screen display Confirm PW ----, if the same password is input correctly twice, the old password will be changed.

**V-Chip:** Press VOL+/- to select On or Off.

**TV-Rating:** The Parental control will automatically block certain categories that are more restrictive. For example, if you block TV-Y category, then all the categories in the young adult group will be blocked (TV-Y, TV-Y7, TV-G, TV-PG, TV-14 and TV-MA).

The sub-ratings (D, L, S, V, FV) work together similarly.

### How to set the D, L, S, V and FV sub-ratings

First, press CH+/- button select one of these Ratings:

TV-Y, TV-Y7, TV-G, TV-PG, TV-14, or TV-MA, and press VOL+/- button.

A symbol "U" will be displayed for each sub-rating.

While "U" is selected, press OK button to go to a sub rating. To select a different Rating, press CH+/- buttons and then repeat the process.

### Note

The V-chip will automatically block certain categories that are More restrictive. For example, if you block "B" sub-rating in TV-PG, then the "B" sub-ratings in TV-14 and TV-MA will automatically be blocked.

**Movie-Rating:** Blocks movies according to the movie ratings limits specified, so children cannot view certain movies. You can set the ratings limit by blocking out all the movies with the ratings above a specified level. Keep in mind that the movie ratings limit only applies to movies shown on TV, not TV programs, such as soap operas.

### English-Rating: English Language Rating

Press VOL+/OK to enter the sub-menu, press CH+/- to select one of these Ratings: Empty, C, C8+, G, PG, 14+, or 18+, and press VOL+/- to select UNBLOCK or BLOCK.

### French-Rating: French Language Rating

Press VOL+/OK to enter the sub-menu, press CH+/- to select one of these Ratings: Empty, G, 8ans+, 13ans+, 16ans+, or 18ans+, and press VOL+/- to select UNBLOCK or BLOCK.

# Menu Operations

In this manual, the OSD (On Screen Display) may be different from your TV s because it is just an example to illustrate the TV operation.

Press INPUT to select the input source, and the menu for each source is different.

1. Press MENU button to display the main menu, and VOL+/-to select the main menu.
2. Press CH+/- to scroll through the parameters, press VOL+/OK to confirm.
3. Press VOL+/- buttons to make changes to the parameters.
4. Press EXIT button to exit the menu.

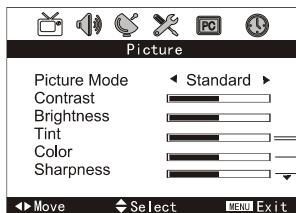
## Picture Menu Options

Picture quality can be adjusted for any input separately .

The picture quality on the screen can be adjusted as follows:

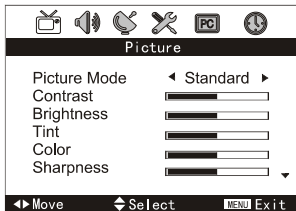
1. Press **MENU** button and **VOL+/-** until the following menu appears on the screen.

### PC/COMPONENT MENU



Not available  
Not available in PC

### TV/AV/S-VIDEO MENU



2. Press **CH+/-** button to enter the picture menu and to go up and down to select the desired option .
3. Press **VOL+/-** button to increase and decrease the level to adjust the selected option to your preference .
4. Repeat step 2 and step 3 until desired picture quality has been achieved .

### Function:

**Picture Mode:** Press **VOL+/-** to select: Standard→ Soft→Bright→User.

**Contrast :** Adjust the contrast of the picture . The contrast becomes higher as the number increase.

**Brightness :** Adjust the brightness of the picture. By increasing the level, it will add more light to dark parts of the picture and by decreasing the level ,it will add more dark to light parts of the picture.

**Tint:** Adjust the picture tone.

**Color :** Press **VOL+/-** to adjust the color.

**Sharpness :** Adjust the amount of the detail enhancement, the image sharpness rises as the number increases (By increasing the level, it will show cleaner and clearer images and by decreasing the level, it will make picture smoother).

**Color Temp. :** Press to select the color temperature from Standard/Warm/Cool.

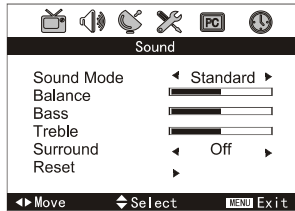
**Reset :** Reset all settings to factory mode.

# Menu Operations

## Sound Menu Options

Sound can be adjusted for any input as follows:

1. Press **MENU** and **VOL+/-** button until the following menu appears on the screen.



You can adjust sound options to the levels you prefer.

2. Press **CH+/-** button to enter the audio menu and to go up and down to select the desired option .
3. Press **VOL+/-** button to increase and decrease the level to adjust the selected option to your preference .
4. Repeat step 2 and step 3 until desired sound quality has been achieved .

### Function :

**Sound Mode:** Press **VOL+/-** to select: Standard/Theater/Music/User.

**Balance :** Adjust the balance of the audio output from left to right . When indication value of balance increases toward +50 , sound of the left speaker becomes weaker . When indication value of balance decreases toward -50 , sound of the right speaker become weaker. Can only be adjust under User mode.

**Bass :** Adjust the bass of the sound . Can only be adjust under User mode.

**Treble:** Adjust the treble of the sound . Can only be adjust under User mode.

**Surround:** To turn the simulated surround sound on or off.

**Reset :** Reset all settings to factory mode.



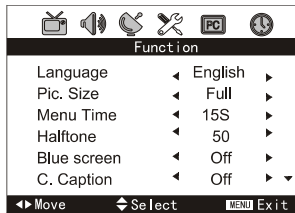
# Menu Operations

## Function Menu Options

### Menu Language Selection:

The menus can be shown on the screen in the selected language. First select your language.

1. Press MENU button and VOL+/- until the following menu appears on the screen.



2. Press CH+/- button to enter the function menu and to go up and down to select the desired option .

3. Press VOL+/- button to adjust the selected option to your preference .

Functions:

**Language:** This item displays the language of the OSD.

**Pic. Size:** To select the display mode :4:3/Full/Zoom.

**Menu Time:** To select 5S/10S/15S.

**Halftone:** To select the menu transparency.

**Blue screen :** Press VOL+/- to select On or Off. To set On, screen will be in blue screen after 3 seconds if there is no signal.

**C. Caption:** Press VOL+/- buttons to select the Closed Caption options.

Closed Captioning helps the hearing impaired with the broadcast program, as well as helping children learn how to read. A built in decoder displays the audio portion of a program as text on the screen when this option is selected.

Off: When Off is displayed on TV, it means CC Mode is turned off.

CC1: When CC1 is displayed on TV means CC Mode is turned on.

CC2 to CC4: For other modes of video related broadcast information.

TT1: For program guide and other information displayed by broadcasters.

(This blocks a large portion of the picture on your screen).

TT2 to TT4 :For other modes of information displayed by broadcasters.

(This blocks a large portion of the picture on your screen).

**IMPORTANT:** Closed captioning availability entirely depends on broadcasters supplying the signal. Therefore, closed captioning might not always be available and language availability will differ by broadcast.

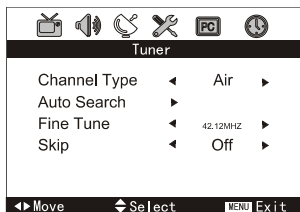
**Note:** Select CC1 for full translation of the primary language such as English in your area. Select CC2 for secondary language translation such as French or any other language that may be broadcast in your area.

**DNR:** Digital Noise Reduction. Reduces the appearance of digitizing errors caused by compression. Press VOL+/- to select On or Off.

# Menu Operations

## Tuner Menu Options

1. Press MENU and VOL+/- button until the following menu appears on the screen.



Note: This menu is only appears in TV mode .

2. Press CH+/- button to enter the turning menu and to go up and down to select the desired option .

3. Press VOL+/- button to adjust the selected option to your preference .

Functions:

**Channel Type:** Press VOL+/- to select Air or cable.

**Auto Search:** Auto search and save the channel . Press the VOL+ button to start automatic search function operation. All channels now available will be automatically preset in order . After the search has finished, the first program number will display on the screen. This search automatically adds only the active channels in your area to the TV's memory. It deletes any channels on which there is no broadcast or a poor signal.

Note: The Auto Search function will scan the channels on the selected Air input. If the TV is connected to cable, please select Cable under 'Air ' sub menu.

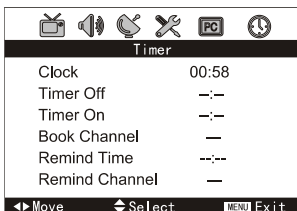
**Fine Tune :** If the image and/ or sound received is not very good, you can press CH+/- to select Fine Tune in the menu . Then , press VOL+/- button to adjust and improve the image quality. Do not use this feature unless reception is poor.

**Skip :** If you want skip a channel , press VOL+/- to select On , and this channel will be skipped next time when you press CH+/- . You can press the digit buttons to select the channel . If you want to restore the channel , select Off.

# Menu Operations

## Timer Menu Options

1. Press MENU and VOL+/- button until the following menu appears on the screen.



2. Press CH+/- button to enter the turning menu and to go up and down to select the desired option .
3. Press VOL+/- button to adjust the selected option to your preference.

Functions:

**Clock:** Set the Correct time.

**Time Off:** Set the time that the TV goes off automatically.

**Time On:** Set the time that the TV comes on automatically.

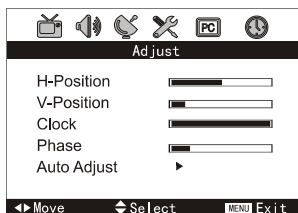
**Book Channel:** Set the channel that the TV comes on automatically.

**Remind Time:** Set the time that you want to remind.

**Remind Channel:** Set the channel that you want to remind.

## Adjust Menu Options

1. Press MENU and VOL+/- button until the following menu appears on the screen.



Note: This menu is only appears in PC mode .

2. Press CH+/- button to enter the adjust menu and to go up and down to select the desired option .
3. Press VOL+/- button to increase and decrease the level to adjust the selected option to your preference .

Functions:

**H-Position:** Picture horizontal position adjust.

**V-Position:** Picture vertical position adjust.

**Clock :** Adjust the TFT-LCD to match the PC input source.

**Phase :** Removes any horizontal distortion and clears or sharpness the displayed characters.

**Auto Adjust:** Is opted for adjustment of picture location frequency and phase parameters.

# DVD Features

## Basic Playback

### Preparations

- Press DVD button on the remote control to enter the DVD status.
- Note: Do not insert a disc until the DVD input states open

### Basic playback

1. Place the DVD in the disc slot. The disc will be loaded automatically after one to two seconds then the DVD player reads the DVD and displays the opening menu (If there is no disc placed in DVD mode, OPEN will display on the screen all the times)

- Do not place a disc that is unplayable in this DVD player.
  - Some discs do not start automatically. Press PLAY/PAUSE to start playback.
2. Some discs may start playback with a menu. Use the cursor buttons on the remote control to select menu options and press PLAY/PAUSE to start. You may also press the digit buttons to select a menu option directly. Many DVDs will not allow this during start-up.

### Pause playback

1. Press PLAY/PAUSE to pause playback (still mode). The sound will be muted during still mode.
2. Press PLAY/PAUSE to resume normal playback.

### Stop playback

1. Press STOP button to go to stop mode, the TV screen will show the start logo. With some discs, such as DVD or CDs, the player can resume playback from the point where it was stopped.
2. Press PLAY/PAUSE to resume playback from the location where the playback was stopped.
3. Press STOP twice to stop completely.

### Previous and Next

During Playing, pressing the PREV button will restart the last chapter and skip chapters backwards with each subsequent press until the start of the disc is reached. Each press of NEXT button during playing will skip the current chapter and play the next one.

### Fast forward and Fast reverse

1. Press FWD to fast forward through the disc. Each time the FWD button is pressed, the fast forward motion speed changes.
2. Press PLAY/PAUSE to resume normal playback.
3. Press REV to fast reverse through the disc. Each time the REV button is pressed, the fast reverse motion speed changes.
4. Press PLAY/PAUSE to resume normal playback.

### Single step playback

1. When paused, press PLAY/PAUSE continuous to single step forward to the next frame in the video.
2. Press PLAY/PAUSE to resume normal playback.

# DVD Features(Continued)

## Advanced Playback

### IMPORTANT NOTE:

ALL DESCRIBED FUNCTIONS AFOR DVD DISCS. IF YOU PLAY OTHER DISC FORMATS THE OPERATION AND ON SCREEN DISPLAY WILL BE DIFFERENT.

### SUBTITLE

Press " SUBTITLE ", the screen will display "SUBTITLE 01/XX XXXXX", "01" indicates the ordinal number of this language; "XX" indicates total number of language; "XXXXXX" indicates the language of country. (The number of language depends on disc.) This function can select up to 32 languages displayed on screen.

### REPEAT

Press " REPEAT " and Chapter repeat will be displayed on screen, the second press will display Title repeat, the third press will display All repeat, the fourth press will cancel this function.

### ANGLE

When enjoying sports, concert or theatre, press this key to watch same actions in different angles. (Valid for discs possessing this function. Using a disc recorded in multi-angle you can view the scene from different angles, for example, front, side, whole view and exterior scene).

### D.MENU

Press this key to display the root menu, select items according to your preference. (This function will work on a DVD with a multi-layer menu.)

### D.CALL

Pressing this key will cycle through "Title Elapsed", "Title Remain", "Chapter Elapsed", "Chapter Remain" and "Display off".

### PROGRAM

When playing discs, press "PROGRAM" to enter program mode. Press the digit buttons to select the program number that you want. When finished move the cursor to select "START". Press PLAY/PAUSE to confirm. This will start the program playback.

### SEARCH

Press "SEARCH" once to display the search menu. Press the button again to select. Press the program number buttons to input the item you require. Press PLAY/PAUSE to confirm.

### D.AUDIO

Press this key can change the mode of audio.

such as: Audio 1/2: AC 3 2 CH English  
Audio 2/2: AC 3 5.1 CH English

Press this button to cycle between Mono Left, Mono Right, Mix-Mono and Stereo.

Note: When press this button continuously, you must allow a 3 second interval between selections.

# Special Function Playback

## JPEG DISC PLAYBACK

When a disc containing standard JPEG picture files is inserted into the player, a navigation menu will be displayed automatically. Use the UP and DOWN cursor buttons to select a file then press PLAY/PAUSE. The slide show will commence. Press PREV or NEXT to move between pictures. Press pause to stop on the current picture. Press PLAY/PAUSE to resume normal playing.

A JPEG disc contains JPEG (.jpg) format picture information that can be decoded by a micro-computer software and displayed through the video output interface or on the television screen.

This function has many applications. For example one can save files from a scanner or digital camera in the JPEG format, record these on a CD-R disc and present them to an audience through this player.

The JPEG format is a convenient method to store images in a small amount of memory space, and is ideal for archiving information.

## SCREEN SAVER FUNCTION

This unit employs a screen saver mode to help protect the tube during static video pictures. This can be turned off on the GENERAL SETUP PAGE.

# DVD System Setup

## DVD System Setup

### General Setup Process

1. Press the setup button, the general set up page will be displayed press twice the preference page will be displayed.
2. Press ▲ / ▼ to select, the item, then press ► to enter the submenu.
3. Press ▲ / ▼ to select then press PLAY/PAUSE to confirm.
4. Press SETUP repeatedly to exit the set-up menus.

NOTE: Preference page will be displayed when there is no DVD in the unit. To access this page, press SETUP button twice.

### General Setup Page

#### ASPECT RATIO DESCRIPTION

When using the DVD with the internal TV, select 4: 3/LB.

The following information applies only when the DVD output is connected to an external TV.

- 4:3/PS (PS = Pan and Scan)

You may select if you have a normal aspect ratio (4:3) TV, although the NORMAL/LB (letter box) is a more common choice. In PS mode, widescreen material will fill the screen, but at the expense of chopping off extreme left and right edges of the original film picture. For this feature to work, the disc must be specially coded. Such discs are uncommon.

- 4:3/LB (LB = Letter Box)

You may select this if you have a normal aspect ratio (4:3) TV. Widescreen material will be shown in pure unaltered form, allowing the entire picture area of the original film to be viewed without any side cropping. Black bars will appear above and below the picture.

- 16:9

You may select this if you have a widescreen (16:9) TV. Black bars may still appear above and below the picture even if using a widescreen TV. This is because some film directors prefer to use ultra widescreen aspect ratios e.g. 2.35:1. This will normally be indicated on the DVD packaging.

..General Setup Page..			
Tv Display	LB	4:	3/Ps
Angle Mark	On	4:	3/Lb
Osd Lang	ENG	16:	9
Caption	On		
Screen Saver	Off		

..Preference Page..	
Parental	1 Kid Saf
Password	2 G
	3 Pg
Default	4 Pg 13
	5 Pgr
	6 R
	7 Nc17
	8 Adult

..General Setup Page..			
Tv Display	LB	4:	3/Ps
Angle Mark	On	4:	3/Lb
Osd Lang	ENG	16:	9
Caption	On		
Screen Saver	Off		

# DVD System Setup(Continued)

## DVD System Setup

### General Setup Page

**ANGLE MARK:** Users can select a particular camera angle when playing a DVD which offers multiple angles. This item allows you to set Angle Mark ON or OFF.

**On Screen Display (OSD) Language:** Users can select on-screen display language.

**CAPTION:** This function allows you to display or hide the caption.

**SCREEN SAVER:** If the screen saver is on, then there will be an animated picture of DVD on the screen whenever the DVD player is idle for more than 3 minutes .

### Preference Page

The Preference Page is only available when there is no disc in the player.

**PARENTAL:** The parental control function works in conjunction with the different censorship classes assigned to DVDs. These classes help to control the types of DVDs that the family watches, There are up to 8 censorship classes for DVDs.

#### Note:

- 1.To change this setting you must enter your password. (Initial password is 1234)
- 2.When set to OFF, all discs may be viewed.

#### PASSWORD CHANGE:

You can change your password by entering 4 digits. You must confirm the 4 digits before the new password can be accepted.

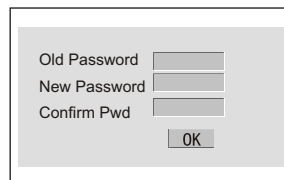
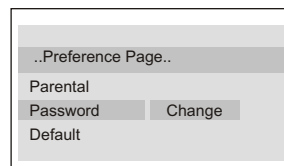
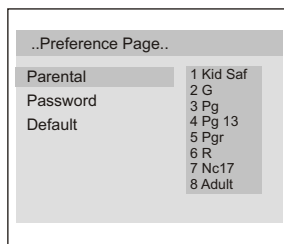
#### Note:

If you forget your password or a password is accidentally set enter 1369 as the password. This will enable you to regain control.

**DEFAULT:** Resets all settings (except password and parental lock status) for this DVD player back to the manufacturers original settings. Press ENTER to perform the reset.

#### Note:






Some functions may not be available depending on the type of disc.






# Playable Discs

The following discs can be played:

DISCS	LABEL	CONTENTS	DIMENSION
DVD VIDEO		Audio +Video (moving picture)	12cm
AUDIO CD		Audio	12cm
HDCD		Audio	12cm
JPEG		Video(picture)	12cm
KODAK CD		Video(picture)	12cm
CD-R	<b>CD•R</b>	Audio or Video (moving picture)	12cm
CD-RW	<b>CD-RW</b>	Audio or Video (moving picture)	12cm
<b>CD+G</b>	<b>CD+G</b>	Audio(picture)	12cm

- You cannot play discs other than those listed above.
- You cannot play non-standardized discs, even if they may be labelled as above.
- The performance of CD-R or CD-RW disc depends on the way the disc was burned. In a few cases, their performance may not be consistent or may not even operate at all.

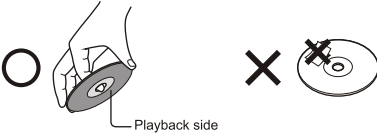
This DVD Player is designed and manufactured according to the Region Management Information that is recorded on a DVD disc. If the Region number described on the DVD disc does not correspond to the Region number of this DVD Player, this DVD player will not play that disc.

This Region number of this DVD Player is . 

# Disc Protection and DVD Characteristics

## ON HANDLING DISCS

- Do not touch the playback side of the disc.
- Do not attach paper or tape to disc.



## ON CLEANING DISCS

- Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the centre outwards with a soft cloth. Always keep the disc clean.



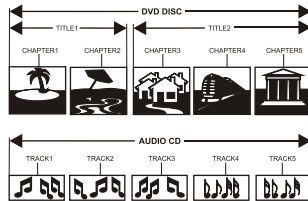
- If you cannot wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened soft cloth and finish with a dry cloth.
- Do not use any type of solvent such as thinner, benzene, commercially available cleaners or anti-static spray for vinyl Lps. It may damage the disc.

## ON STORING DISCS

- Do not store discs in a place subject to direct sunlight or near heat source.
- Do not store discs in place subject to moisture and dust such as a bathroom or near a humidifier.
- Store discs vertically in a case. Stacking or placing object on discs outside of their case may cause warping.

## STRUCTURE OF DISC CONTENTS

Normally, DVD discs are divided into titles, and the titles are sub-divided into chapters. Audio CD are divided into tracks.



Each title, chapter, or track is assigned a number, which is called title number, chapter number or track number respectively.

There may be discs that do not have these number.

## Compare DVD disc with other discs:

	DVD				LD	SVCD	VCD	CD
Encode method	Digital/MPEG II				Analog	Digital	Digital/MPEG I	Digital
Capacity	Single-side single-layer 4.7G	Double-side single-layer 8.5G	Single-side double-layer 9.4G	Double-side double-layer 17G	/	650MB	650MB	650MB
Playing Time	133 minutes	242 minutes	266 minutes	484 minutes		Single-side 60 minutes double-side 120 minutes	45 minutes	74 minutes
Disc diameter	12cm				30cm/20cm	12cm	12cm	12cm
Horizontal resolution	More than 500 line				No more than 430 line	No more than 350 line	No more than 250 line	/
Picture proportion	Multiple kinds				One kind	One kind	One kind	
Subtitle	32 kinds				16 kinds at most	4 kinds	/	/
Language	8 kinds				4 kinds at most	4 kinds at most		
Sound quality	48KHz, 96KHz/ 6, 20, 24bit				44.1KHz/ 16bit	44.1KHz/ 16bit	44.1KHz/ 16bit	44.1KHz/ 16bit

# Troubleshooting Guide

To assist in location possible faults use help guide below.

## Troubleshooting

No picture, no sound	Verify if the television is properly plugged in. Verify if the television is properly supplied with power. Verify that electricity is available.
Blank screen	Verify if correct signals are input. Press INPUT button to change signal input to TV input. Restart the television if power supply is interrupted.
No sound	Press MUTE button and verify if Mute mode is on. Switch to another channel and verify if the same problem happens. Press VOL+ button to see if the problem can be solved.
Poor sound	Verify if sound system is functional. Refer to chapter on adjusting.
No picture in some channel	Verify if correct channel is selected. Adjust the antenna. Make adjustments by FINE TUNE
No color for some channel program (black and white)	Verify if the same problem exists in other channels. Check picture and sound systems. Refer to relative instructions in the Manual for color adjust.
Spots with some or all pictures	Verify if the antenna is correctly connected. Verify if the antenna is in good condition. Make fine adjustment of channel.
Abnormal functioning	Disconnect the television from power supply and, 10 seconds later, reconnect to the power supply. If the problem still exists, contact an authorized service depot for technical assistance.

### Note:

1. If the fault can not be repaired using the above guide consult with your local authorized service center.
2. The TV set must only be repaired by a qualified registered service person. Never attempt to remove the back cover as the TV set has dangerous voltages levels inside that may be fatal or cause fire.

# Specifications

Specifications of the television that you have just purchased may vary from the information in this table due to technical innovations.

<b>Model</b>	19"	22"
<b>Picture, sound system</b>	NTSC M	
<b>Audio output</b>	$\geq 2.5W+2.5W$	
<b>External jack</b>	COMPONENT input, PC input, S-VIDEO input, Audio input, Video input, Antenna input, HDMI input, A/V out, PC Audio in, Headphone	
<b>Power requirements</b>	~120V 50/60Hz	
<b>Power consumption</b>	$\leq 50W$	$\leq 60W$
<b>Temperature</b>	Working: 5°C~35°C Storage: -15°C~45°C	
<b>Humidity</b>	Working: 20%~80% Storage: 5%~90%	
<b>Accessories</b>	Remote control Batteries Owner's manual	

## NOTE

Design and specifications are subject to change without notice.  
Dimensions quoted in this manual are approximate.



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