User Guide | Guide de l'utilisateur | Guía del Usuario

INSIGNIA™

LCD TV

IS-LCDTV26

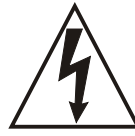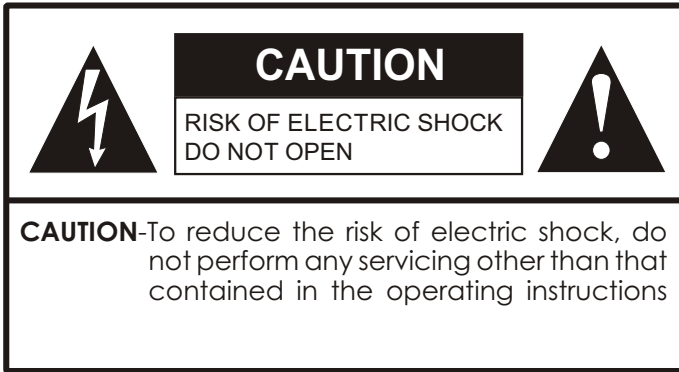# Table of Contents

Table of Contents (continued)

Important Information

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION-To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions

The lightning flash with arrowhead s y m b o l , within an equilateral triangle is intended t o alert the user to the presence of u n i n s u l a t e d

The exclamation point within an e q u i l a t e r a l triangle is intended to alert the user to t h e presence of important operating and

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"Note to CATV system installer: This reminder is provided to call the CATV system installer's attention to Article 820-40 of the National Electrical Code that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the

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This product utilizes tin-lead solder, and fluorescent lamp containing a small amount of mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eia.org

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FCC STATEMENT

FCC Notice

LCD TV: A CLASS B digital device

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.
This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC CAUTION:

Pursuant to 47CFR, Part 15.21 of the FCC rules, any changes or modifications to this monitor not expressly approved by the manufacturer could cause harmful interference and would void the user's authority to

WARNING: This is a CLASS B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate

Electrical energy can perform many useful functions, but it can also cause personal injuries and property damage if improperly handled. This product has been engineered and manufactured with the highest priority on safety. But IMPROPER USE CAN RESULT IN POTENTIAL ELECTRICAL SHOCK OR FIRE HAZARD. In order to prevent potential danger, please observe the following instructions when installing, operating and cleaning the product. To ensure your safety and prolong the service life of your LCD TV product,

5. Do not use this apparatus near water---for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.
Do not use immediately after moving from a low temperature to high temperature environment, as this causes condensation, which may result in fire, electric shock, or other hazards.
Apparatus shall not be exposed to dripping or splashing and no

6. Clean only with dry cloth---Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol

7. Ventilation---Do not block any ventilation openings. Install in accordance with the manufacturer instructions. The vents and other openings in the cabinet are designed for ventilation. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and/or shorten the life of the product. Do not place the product on a bed, sofa, rug or other similar surface, since they can block ventilation openings. This product is not designed for built-in installation; do not place the
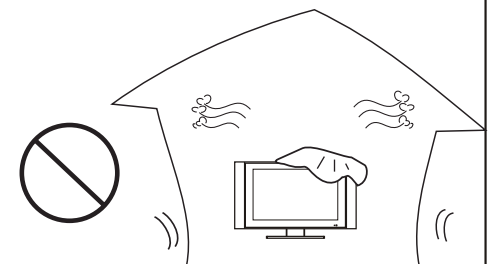
8.Heat sources---Do not install near any heat sources such as
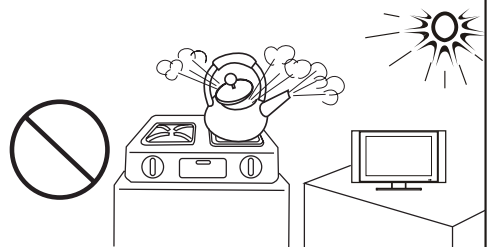
9.Grounding or Polarization---Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the

10.Power cord protection---Protect the power cord from being walked on or pinched particularly at

11.Attachments---Only use attachments/accessories specified by the manufacturer. Do not use

Important Safety Precautions (continued)

12. Stand---Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. Do not place the product on an unstable trolley, stand, tripod or table. Placing the product on an unstable base can cause the product to fall, resulting inserious personal injuries as well as damage to the product. When mounting the

13. Move Carefully---When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. Sudden stops,

14. Lightning---Unplug this apparatus during lightning storms or when unused for long periods of time.
For added protection for this television equipment during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna. This will prevent

15. Servicing---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

16. Replacement parts---In case the product needs replacement parts, make sure that the service p e r s o n   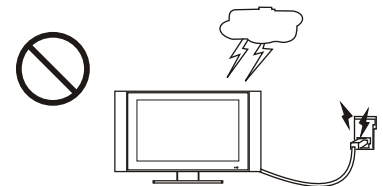   u s e s

17.Overloading---Do not overload wall outlets, extension cords, or convenience receptacles on other

18.Entering of objects and liquids---Never insert an object into the product through vents or openings. High voltage flows in the product, and inserting an object can cause electric shock and/or short internal

19.Damage requiring service---If any of the following conditions occurs, unplug the power cord from the AC outlet, and request a qualified service person to perform repairs.
a. When the power cord or plug is damaged.
b. When a liquid is spilled on the product or when objects have fallen into the product.
c. When the product has been exposed to rain or water.
d. When the product does not operate properly as described in the operating instructions.
Do not touch the controls other than those described in the operating instructions. Improper adjustment of controls not described in the instructions can cause damage, which often requires extensive adjustment work by a qualified technician.
e. If the product has been dropped or the cabinet has been damaged in any way.
f. When the product displays an abnormal condition or exhibits a distinct change in performance. Any

20.Safety checks---Upon completion of service or repair work, request the service technician to perform

21.Wall or ceiling mounting---When mounting the product on a wall or ceiling, be sure to install the

22. Power source---This product is intended to be supplied by a listed power supply indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the cable system. This will prevent damage to the product due to lightning and power line surges. When the unit has to be used with another power supply voltage, the power cable must be changed. Consult your product dealer. The socket outlet should be installed near the equipment and easily accessible. Use

23.Panel protection---The LCD panel used in this product is made of glass. Therefore, it can break when the product is dropped or impacted upon by
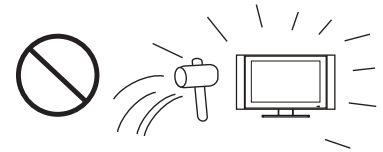
■If an outside antenna is connected to the television equipment, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and

EXAMPLE OF ANTENNA GROUNDING AS PER

ANTENNA
LEAD IN WIRE

ANTENNA
DISCHARGE UNIT
(NEC SECTION 810-21)

GROUNDING CONDUCTORS
(NEC SECTION 810-21)

ELECTRIC
SERVICE
EQUIPMENT

GROUND CLAMPS

POWER SERVICE GROUNDING
ELECTRODE SYSTEM
(NEC ART 250, PART H)
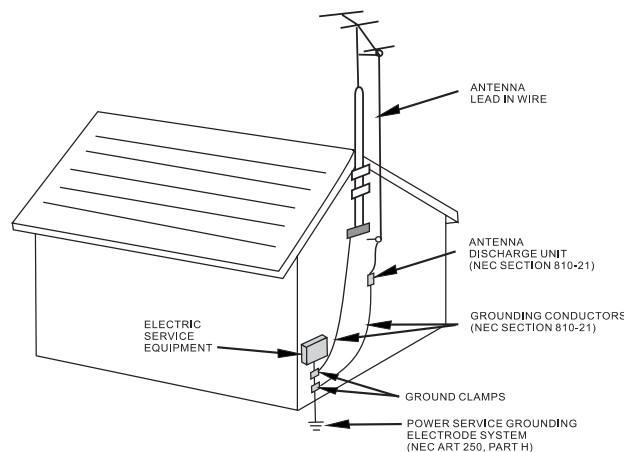
■An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can collide with such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.
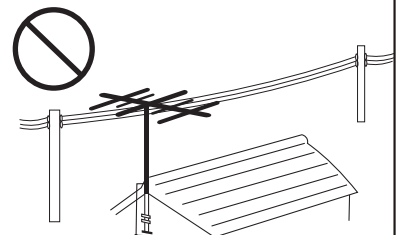
Preparations

Using the Remote Control

■ Use the remote control by pointing it towards the remote sensor window of the set. Objects between the remote control and sensor window may

Note: This illustration is for reference only. The remote sensor may be in
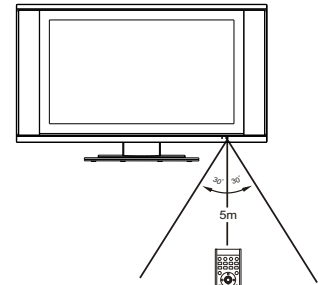
Cautions regarding use of remote control

■ Do not expose the remote control to shock. In addition, do not expose the remote control to liquids, and do not place in an area with high humidity.

■ Do not install or place the remote control under direct sunlight. The heat may cause deformation of

■ The remote control may not work properly if the remote sensor window of the main unit is under direct sunlight or strong lighting. In such a case, change the angle of the lighting or LCD TV set, or operate the remote control closer to the remote sensor window.

Batteries for the Remote Control

If the remote control fails to operate the LCD TV functions, replace the batteries in the remote.

1 Open the battery
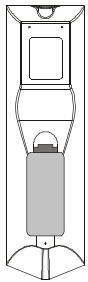
2 Insert two size-AAA

■ (Place the batteries with their terminals corresponding to the (+) and (–) indications in the
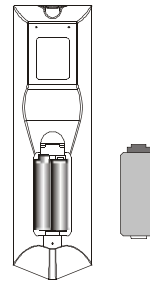
3 Replace the
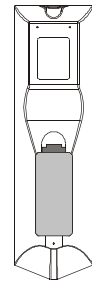
Improper use of batteries can result in a leakage of chemicals and/or explosion. Be sure to follow the instructions below.

■ Place batteries with their terminals corresponding to the (+) and (–) indications.

■ Different types of batteries have different characteristics. Do not mix batteries of different types.

■ Do not mix old and new batteries. Mixing old and new batteries can shorten the life of new batteries and/or cause old batteries to leak chemicals.

■ Remove batteries as soon as they are non-operable. Chemicals that leak from batteries can cause a rash. If chemical leakage is found, wipe with a cloth.

■ The batteries supplied with the product may have a shorter life expectancy due to storage conditions.

Power Connection
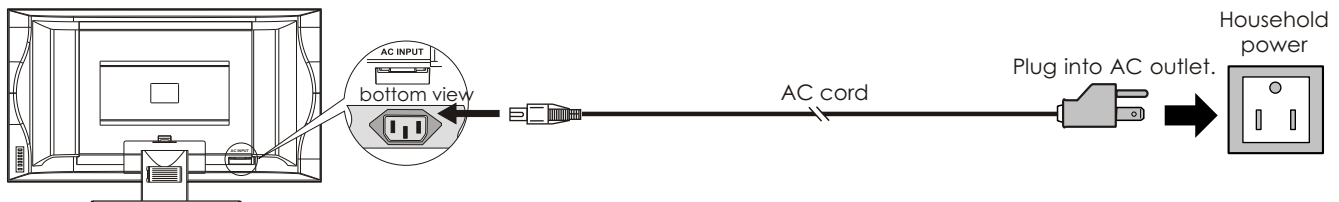
1. Connecting the female plug to the AC socket on the unit.
2. Connecting the male plug to the wall outlet as illustrated.

Note:

■ *This illustration is for reference only. The AC plug may be different on different models.*

■ *This product should be operated only from the type of power source indicated on the marking label.*

Antenna Connection

CABLE TV (CATV) CONNECTION

A 75-ohm coaxial cable connector is built into the set for easy hookup. When connecting the 75- ohm coaxial cable to the set, screw the 75-ohm cable to the ANT. Terminal.

Some cable TV companies offer "premium pay channels". Since the signals of these premium pay channels are scrambled, a cable TV converter/descrambler is generally provided to the subscriber by the cable TV company.

This converter/descrambler is necessary for normal viewing of the scrambled channels. For more specific instructions on installing cable TV, consult your cable TV company. One possible method of utilizing the converter/descrambler provided by your cable TV company is explained below. Please

RF switch (not supplied)
A
IN
OUT B
Two-set signal splitter (not supplied)
Cable TV Line
OUT   IN
Cable TV converter/ descrambler (not supplied)
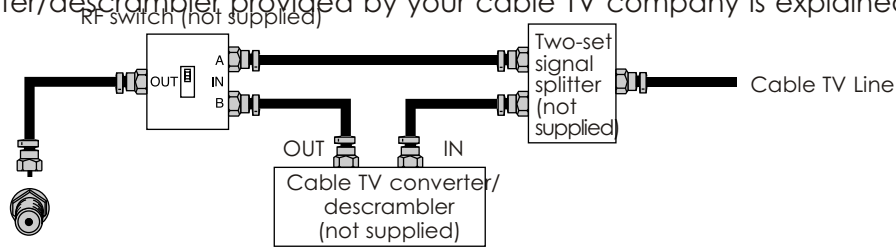
"A" position on the RF switch (not supplied) : You can view all unscrambled channels by using the TV's channel keys.

"B" position on the RF switch (not supplied) : You can view the scrambled channels via the

ANTENNAS

The antenna requirements for good color television reception are more important than those for black & white television reception. For this reason, a good quality outdoor antenna is strongly recommended.

The following is a brief explanation of the type of connections that are provided with the various

> 1. A 75-ohm system is generally a round cable with F-type connector that can easily be attached to a terminal without tools (not supplied).
> 2. A 300-ohm system is a flat "twin-lead" cable that can be

F-type connector
75-ohm coaxial cable (round)
300-ohm twin-lead cable (flat)
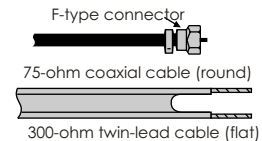
OUTDOOR ANTENNA CONNECTION

Use one of the following two diagrams if you connect an outdoor antenna.

A: Using a VHF/UHF combination outdoor antenna.

B: Using separate VHF and/or UHF outdoor antennas.

Connect the outdoor antenna cable lead-in to the ANT.

A. Combination VHF/UHF Antenna
300/75-ohm adapter (not supplied)
VHF/UHF antenna
VHF/UHF antenna
300-ohm twin-lead
or
75-ohm coaxial cable

Antenna cable

B. Separate VHF and/or UHF Antennas
UHF antenna
VHF antenna
300-ohm twin-lead
Combiner (not supplied)
300-ohm twin-lead
OUT IN
75-ohm coaxial cable   or
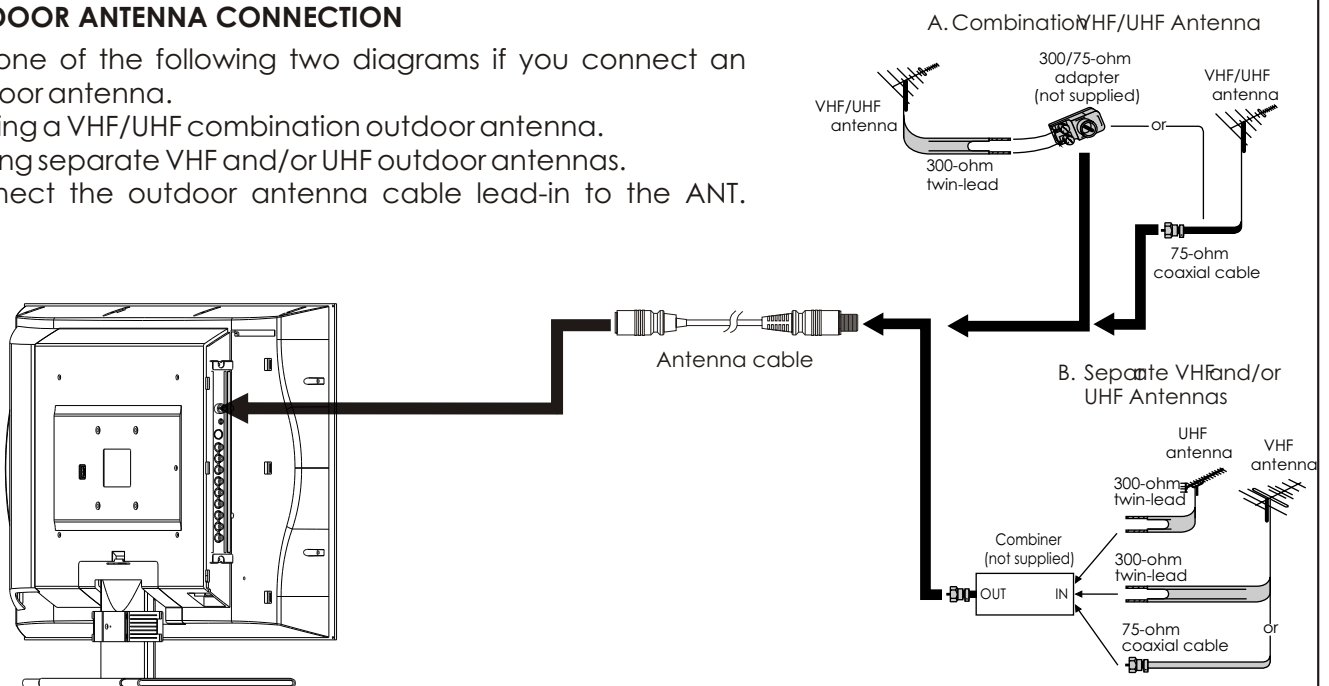
Identification of Controls
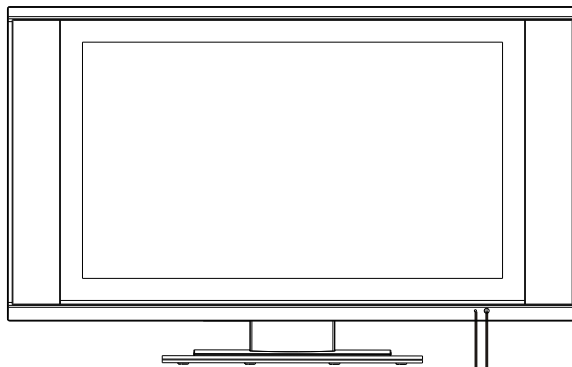
Power Indicator	CH+ — Channel Up/Down
Remote Sensor	CH–
A blue indicator lights when the power is	VOL+ — Volume Up/Down
on and a red indicator lights when in the	VOL–
	SOURCE — Select Input Signal
	MENU — Menu
	⏻ — Power On/Standby
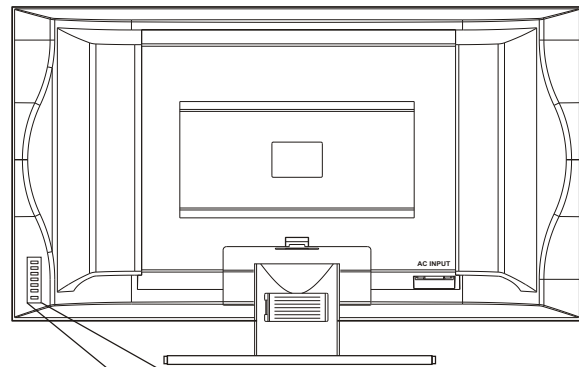
AC INPUT

1. **POWER** ⏻
   Press this button to turn the unit ON from STANDBY mode. Press it again to turn the set back to STANDBY.
2. **MENU**
   Press this button to access the Menu main page.
3. **SOURCE**
   To access signal source select menu.
4. **VOL+/-**
   Press the **vol+** or **vol-** button to directly increase or decrease the sound volume level;
   In OSD Menu, press these buttons to adjust the value or setting of each item.
5. **CH+/-**

*Functions of **VOL+/-, CH+/-, MENU, SOURCE** and **POWER** are also provided to the remote control. This*

Main Unit

Diagram labels:

ANTENNA INPUT — RF
HEADPHONE — Ω

AV1 INPUT/ S-VIDEO IN
- S-VIDEO
- AUDIO R
- AUDIO L/MONO
- VIDEO

AV2 INPUT
- AUDIO R
- AUDIO L/MONO
- VIDEO

AV OUT
- AUDIO R
- AUDIO L
- VIDEO

D-Sub — D-Sub IN
AUDIO

DVI-D — DVI-D IN
AUDIO

Y
Pb
Pr — COMPONENT IN
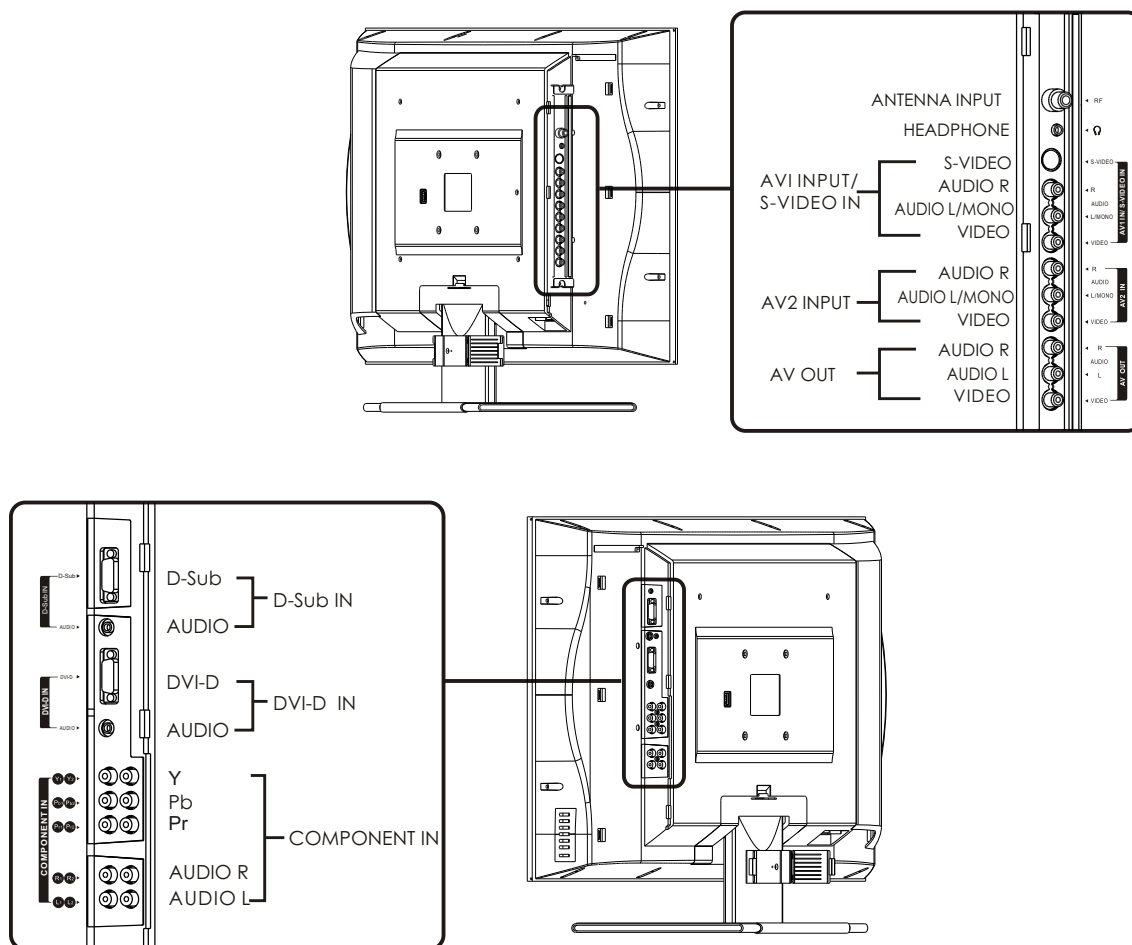
AUDIO R
AUDIO L

1. **Antenna input**
   Allows you to connect cable or outdoor antenna.
2. **Headphone jack**
3. **AV1 inputs** (Video, Audio L/mono, R) **/ S-Video input**
   Receive video/audio signals from external sources such as VCR or DVD player.
   Receive a S-Video signal from external source such as VCR or DVD player.
4. **AV2 inputs** (Video, Audio L/mono, R)
   Receive video/audio signals from external sources such as VCR or DVD player.
5. **AV outputs** (Video, Audio L, R)
   Connect to the VCR input jacks to record programs.
6. **D-Sub input /Audio in**
   Connect to the D-Sub/audio output jacks on your PC.
7. **DVI input /Audio in**
   Connect to the DVI/audio output jacks on your DTV receiver.
8. **COMPONENT inputs** (Y, Pb/Cb, Pr/Cr, Audio L, R)

Note:

Identification of Controls (continued)

Remote Control

```
        POWER    Auto    Still   Sleep
1 ───     ⏻       ○       ○       ○         ─── 9
2 ───                                       ─── 10
3 ───    PBP     P.S.    Up      Size       ─── 11
4 ───    [  ]    [  ]    [  ]    [  ]
5 ───    TV/PC   POS     Down    CCD        ─── 12
6 ───    [  ]    [  ]    [  ]    [  ]        ─── 13

         Menu          CH▲        DSP
7 ───     ⊟            ●          ⊞         ─── 14

         VOL                     VOL
          ◄     ●   (Enter)  ●    ►
8 ───                                       ─── 15

          ⊡           ●           ⊠
         Source      CH▼         Mute

         Sound   Picture  SRS    Stereo
         [  ]    [  ]    [  ]    [  ]
         4:3     Panorama Zoom    16:9

          ①       ②       ③       ④
          ⑤       ⑥       ⑦       ⑧
          ⑨       ⓪       ⊜       ↵
```

1. **POWER** ⏻

2. **Auto**

3. **PBP**

4. **P.S.**

5. **TV/PC**

Note:
The TVPC function means you may view a TV program from a mini window while the main window is displaying a

6. **POS**

7. **Menu**

8. **Enter**
   To confirm, enter submenu or toggle the settings of

9. **Sleep**

10. **Still**

11. **Size**

12. **Up, Down**

13. **CCD**

14. **DSP**

15. **CH+/-:** Use to switch channels;
    In Menu operation, use **CH+/-** to select menu item;
    VOL+/**-:** Use to adjust volume;

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Remote Control

POWER Auto Still Sleep

PBP P.S. Up Size

TV/PC POS Down CCD

Menu CH▲ DSP

VOL◄ Enter VOL►

16 — Source CH▼ Mute — 21

17 — Sound Picture SRS Stereo — 22

18 — — 23

19 — 4:3 Panorama Zoom 16:9

20 — 1 2 3 4 5 6 7 8 9 0 ⇆ ↵ — 24
— 25

16. Source ⬅

17. Sound

18. Picture

19. 4:3, 16:9, Zoom and Panorama

20. 0~9 number buttons

21. Mute ⊠

22. Stereo

23. SRS

* The SRS symbol are trademark of SRS Labs,Inc. SRS technology is incorporated under license from SRS

24. ↵

25. Return ⇆
To quickly jump between current channel and

### How to use remote controls provided with other equipment:
This TV can be controlled by many Universal remote controls, for this functionality use the Mitsubishi code selections shown in the manual for your Universal remote control. Please note that not all

Connections

Cautions Before Connecting

● Carefully check the terminals for position and type before making any connections.

● The illustration of the external equipment may be different depending on your model.

● Loose connectors can result in image or color problems. Make sure that all connectors are securely inserted into their terminals.

● Refer to the operating manual of the external device as well.

● When connecting an external device, turn the power off on the panel to avoid any issues.

Connect a VCR
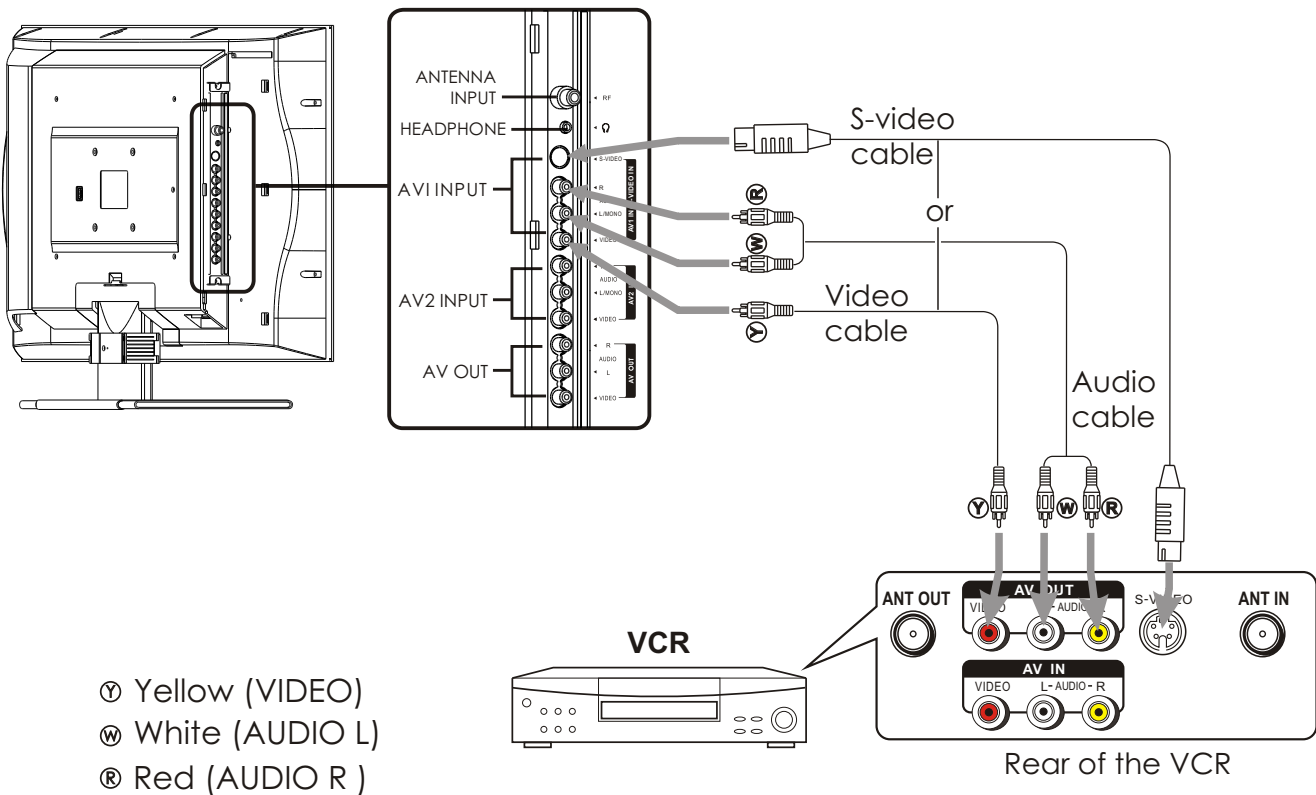
Ⓨ Yellow (VIDEO)
Ⓦ White (AUDIO L)
Ⓡ Red (AUDIO R)

How to connect:
Connect the Audio/Video cables between the Audio (L/R)/Video jacks on the unit and VCR.
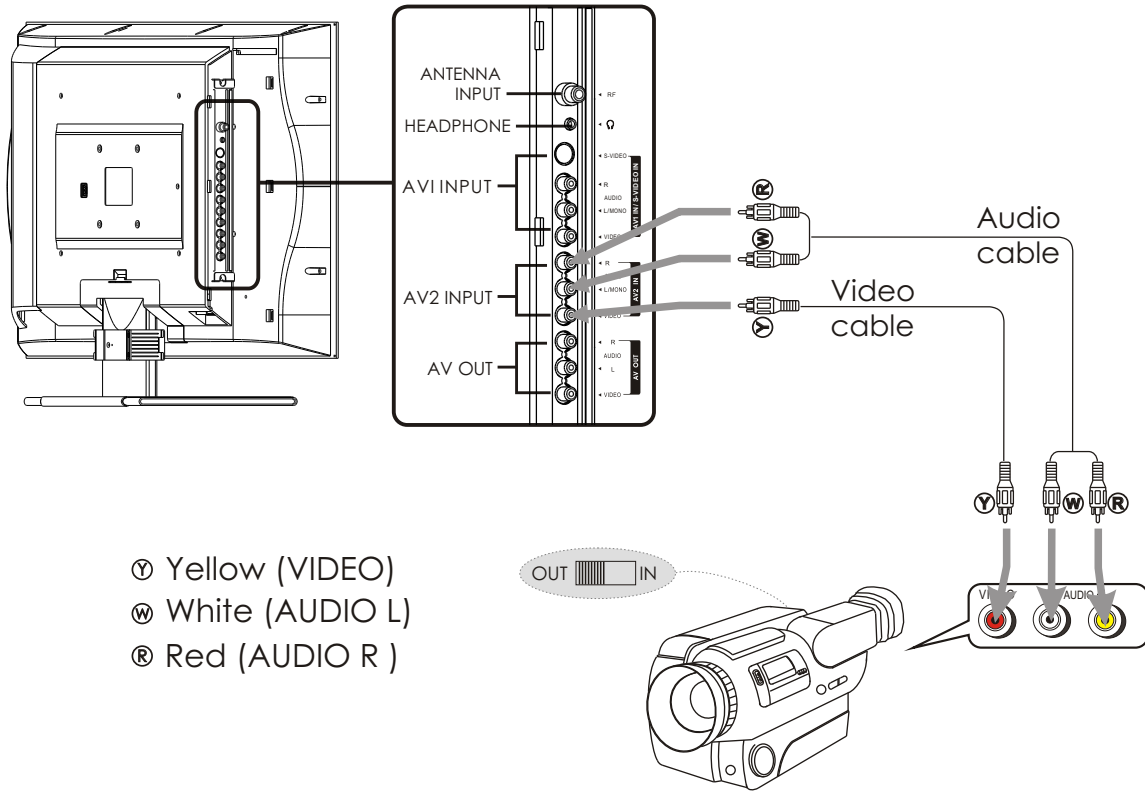
Note:

To play VCR

1. Turn on your LCD TV , press **Source** button on the remote control.

```
Source Select
VGA
DVI
RF
Video1
Video2
SVideo
YPbPr1
YPbPr2
```

11

Connect a Camcorder

ANTENNA INPUT — RF

HEADPHONE — Ω

AV1 INPUT — S-VIDEO / R AUDIO / L/MONO / VIDEO

AV2 INPUT — R AUDIO / L/MONO / VIDEO

AV OUT — R AUDIO / L / VIDEO

Audio cable

Video cable

Ⓨ Yellow (VIDEO)
ⓦ White (AUDIO L)
Ⓡ Red (AUDIO R)

OUT ▉▉▉▉ IN

How to connect:
Connect the Audio/Video cables between the Audio (L/R)/Video jacks on the unit and camcorder.

To playback Camcorder

1. Turn on your LCD TV , press **Source** button on the remote control.
2. Press **CH+/-** to select **Video2** and press **Enter** to confirm.
3. Turn on your camcorder and set it to output mode. (For details, refer to your camcorder owner's manual.)
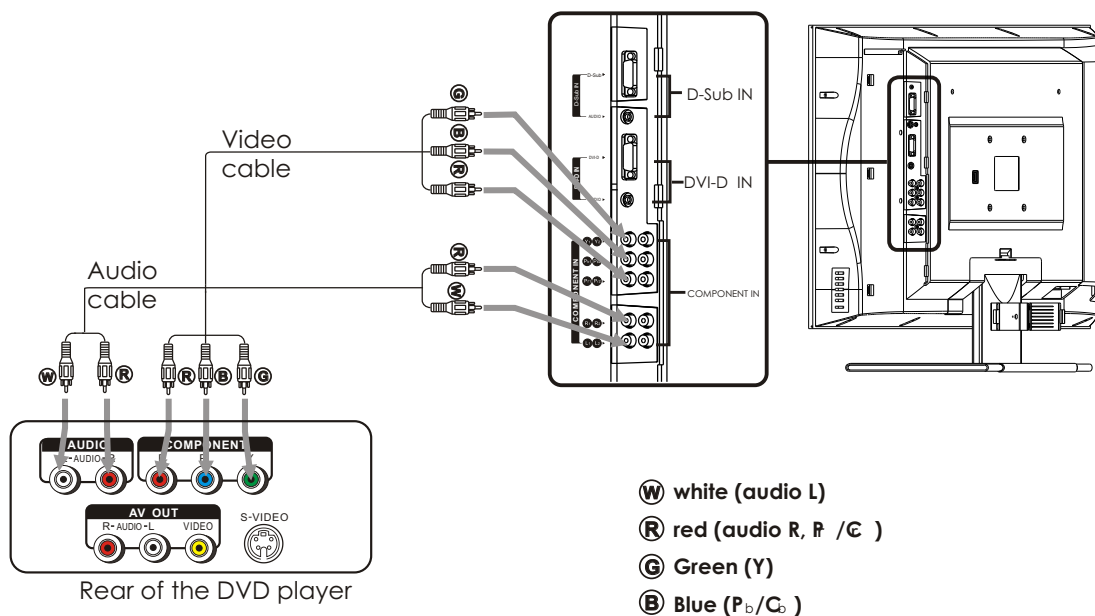
Note:
The operations of the camcorder may be different and is

Source Select
VGA
DVI
RF
Video1
Video2
SVideo
YPbPr1
YPbPr2

12

Connections (continued)

Connect a DVD player

Video cable

Audio cable

D-Sub IN

DVI-D IN

COMPONENT IN

Rear of the DVD player

W white (audio L)
R red (audio R, P_r/C_r)
G Green (Y)
B Blue (P_b/C_b)

How to connect a DVD Player using Component Video Connections:

Connect the Video cable between the Y, Pb, Pr input jacks on the unit and Y, Pb, Pr (or Y, Cb, Cr) output jacks on the DVD player.
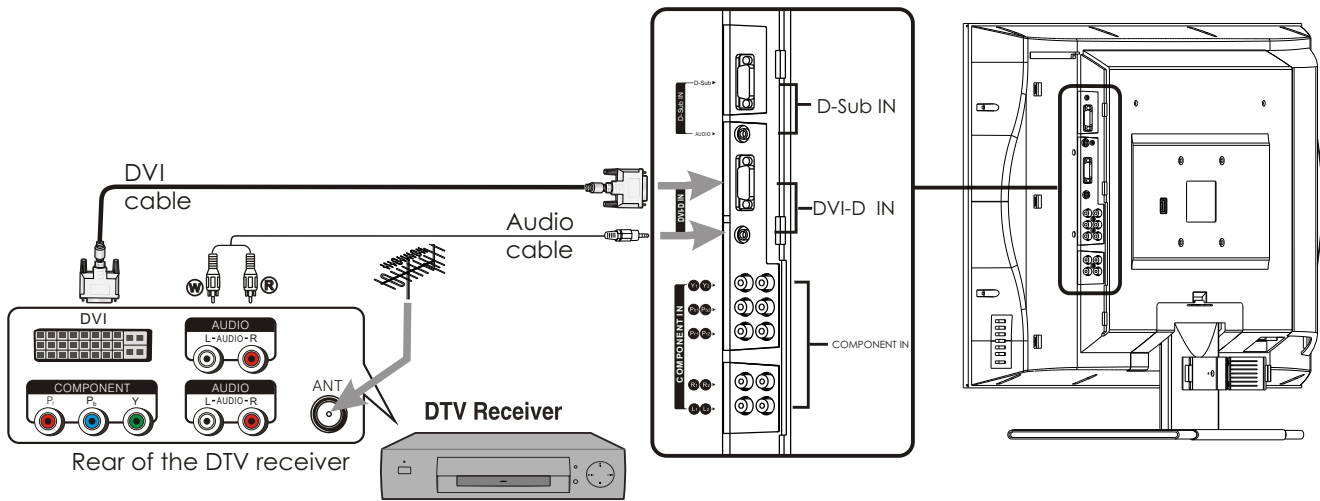
Connect the Audio cable between the AUDIO input jacks on the unit and AUDIO output jacks on

To play DVD

1. Turn on your LCD TV , press **Source** button on the remote control.
2. Press **CH+/-** to select **YPbPr1 or YPbPr2**.

Source Select
VGA
DVI
RF
Video1
Video2
SVideo
YPbPr1
YPbPr2

Connect a DTV receiver

DVI cable

Audio cable

DVI

AUDIO
L·AUDIO·R

COMPONENT
Pr   Pb   Y

AUDIO
L·AUDIO·R

ANT

W   R

Rear of the DTV receiver

DTV Receiver

D-Sub IN

DVI-D IN

COMPONENT IN

How to connect:

Connect the cable or antenna to the antenna input jack on the DTV receiver.
Connect the DVI cable between the DVI input interface on the unit and DVI output interface on the DTV receiver .
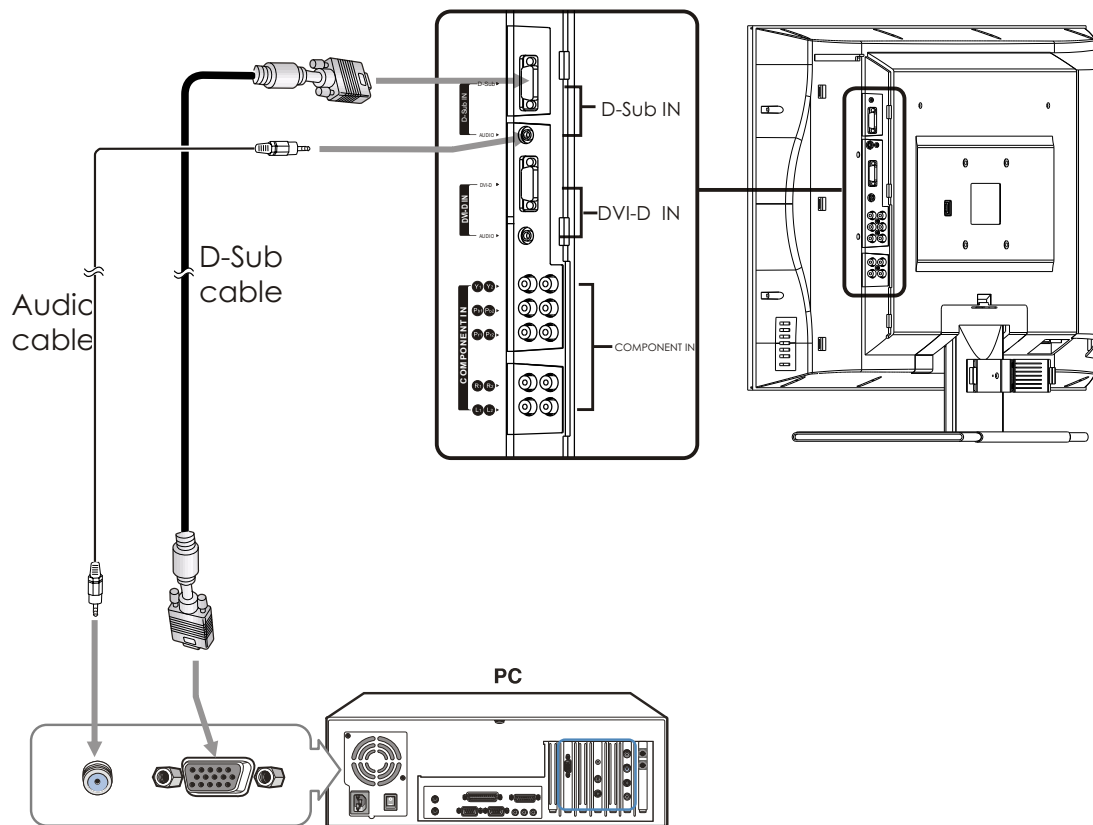
To Watch DTV

1. Turn on your LCD TV , press **Source** ⏎ button on the remote control.
2. Press **CH+/-** to select **DVI**.

Source Select
VGA
DVI
RF
Video1
Video2
SVideo
YPbPr1
YPbPr2

Connections (continued)

Connect a PC

D-Sub IN

DVI-D IN

COMPONENT IN

Audio cable

D-Sub cable

PC

How to connect:

Connect a D-Sub (VGA) cable between the D-Sub (VGA) jack on the PC and the D-Sub input jack on the unit.

To Watch the PC screen

1. Turn on your LCD TV , press **Source** button on the remote control.
2. Press **CH+/-** to select **VGA**.
3. Press **Enter** to confirm.
4. Turn on your PC and check for PC system requirements.

Source Select
VGA
DVI
RF
Video1
Video2
SVideo
YPbPr1
YPbPr2

Connect a VCR for Recording
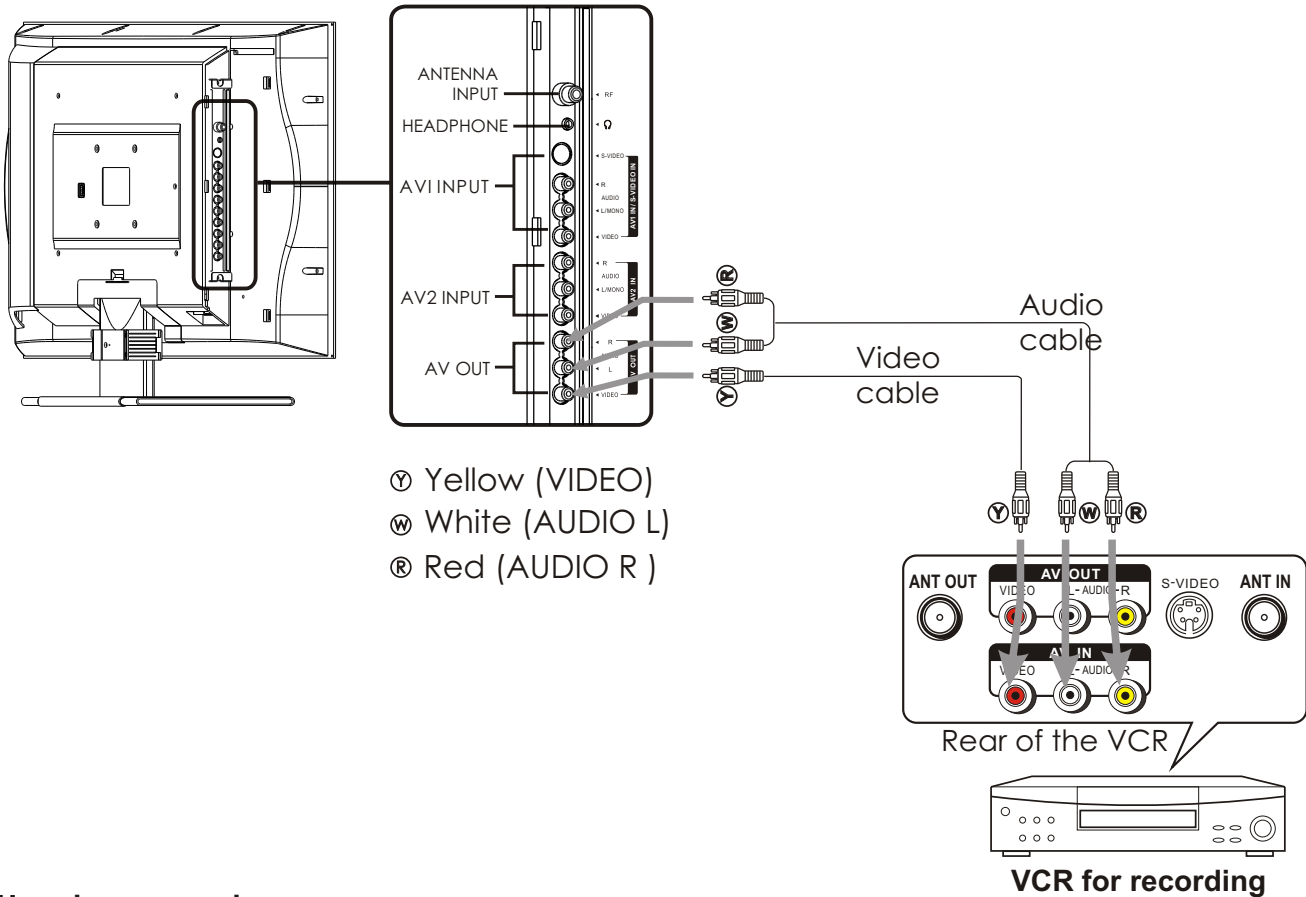
Ⓨ Yellow (VIDEO)
Ⓦ White (AUDIO L)
Ⓡ Red (AUDIO R)

Rear of the VCR

VCR for recording

How to connect:

Connect the Audio/Video cables between the Audio (L/R)/Video jacks on the unit and VCR.

To record program

1. Turn on your LCD TV, select a program you wish to record.
2. Turn on your VCR, insert a videotape for recording.
3. Press the Record button to begin recording.

Note:

Turning the Unit On and Off

Turning the Unit On and Off

Turning On

Insert the power cord into the wall outlet.
Press the **Power** ⏻ button on the remote control.

Turning Off

With the power on, press the **Power** ⏻ button on the remote
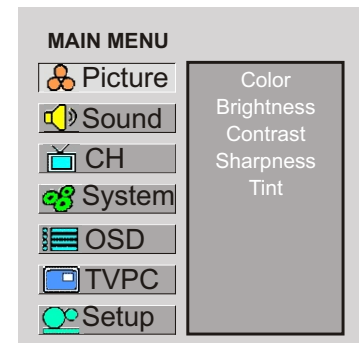
Note:

⏻

Viewing the Menus and Displays

Your LCD TV has a simple, easy-to-use menu system that appears on the screen. This system makes it convenient and fast

Viewing the Menus

1 With the power on, press the **Menu** button on the remote

2 Use the **CH+/-** to select menu item. Use **VOL+/-** to adjust value of item. Use **Enter** to confirm ,enter submenu or toggle the settings of the selected menu item.

Note:

To clearly introduce the menu operations , this operation

Displaying Status Information

Press the **DSP** button on the remote control, the unit will display current status information such as

Your LCD TV can memorize and store all the available channels for both antenna and cable channels.

Selecting the Signal Source

Before your LCD TV can memorize the available channels, you must specify the type of signal source that is connected to the unit. (i.e., an antenna or cable system)
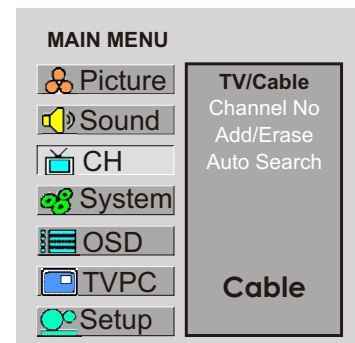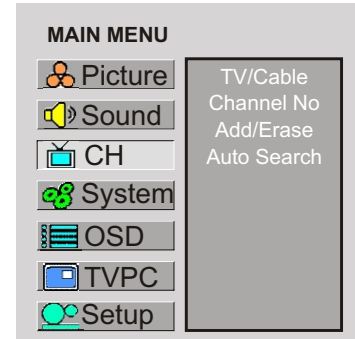
1

2

MAIN MENU

Picture	TV/Cable
Sound	Channel No
CH	Add/Erase
System	Auto Search
OSD	
TVPC	
Setup	

3

4

If you are connected to an antenna, please select TV. If you connect cable, please select cable.

MAIN MENU

Picture	**TV/Cable**
Sound	Channel No
CH	Add/Erase
System	Auto Search
OSD	
TVPC	
Setup	**Cable**

Storing Channels in Memory Automatically

1

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The unit will begin memorizing all the available channels. During the

MAIN MENU

Picture	TV/Cable
Sound	Channel No
CH	Add/Erase
System	**Auto Search**
OSD	
TVPC	
Setup	

Auto Searching
Ch. Num: 8
Menu to exit
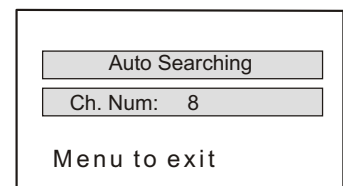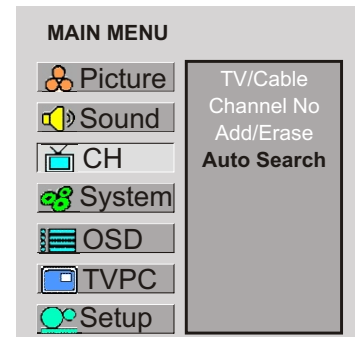
Memorizing the Channels (continued)

Adding and Erasing Channels

1

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You can also use number buttons to select a desired channel

6

7

When the item is set to erase, the selected channel will be erased.
When the item is set to add, the selected channel will be added.

MAIN MENU

Picture	TV/Cable
Sound	**Channel No**
CH	Add/Erase
System	Auto Search
OSD	
TVPC	**8**
Setup	

MAIN MENU

Picture	TV/Cable
Sound	Channel No
CH	**Add/Erase**
System	Auto Search
OSD	
TVPC	**Erase**
Setup	
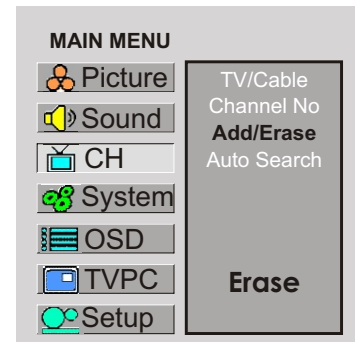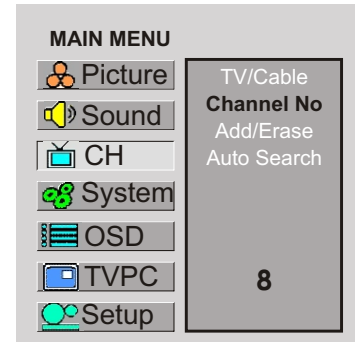
Changing Channels

Using the Channel Buttons (CH+ or CH-)

Press the **CH+** or **CH-** to change channels.
When you press the **CH+** or **CH-**, the unit changes channels in sequence. You will see all the channels that the unit has memorized.

Direct Accessing Channels

To select a one-digit channel: Input the channel using the **0-9 number** button,then press **Channel Enter ↵** button to confirm..
To select a two-digit channel: Input the channel using the **0-9 number** button,then press **Channel Enter ↵** button to confirm.

Note:

Using the Return ⇆ button

Press this button to switch between the current channel and the previous channel.

Adjusting the Volume

Using the volume buttons (VOL+ and VOL-)

Using the Mute

Using the Mute 🔇 button

At any time, you can temporarily cut off the sound using the Mute button.

1 Press the 🔇   button and the sound cuts off.

2 To turn mute off, press the 🔇   button again.

Basic Operations (continued)

Selecting Input Source Signal

1   ↳

2

3

Source Select
VGA
DVI
RF
Video1
Video2
SVideo
YPbPr1
YPbPr2
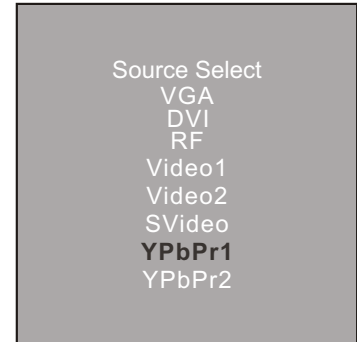
VGA ---Select signal from D-sub jack.
DVI-----Select signal from DVI terminals.
RF-------Select TV signal.
Video1-------Select signal from AV1 IN terminals.
Video2-------Select signal from AV2 IN terminals.
SVideo-------Select signal from S-video terminal.
YPbPr1------Select signal from YPbPr1.

Selecting a Menu Language

1

2

3

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MAIN MENU

Picture
Sound
CH
System
OSD
TVPC
Setup

Language
H Position
V Position
Halftone
Zoom
OSD off
Default

English
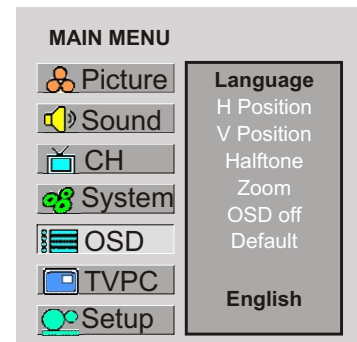
Customizing the Picture

1

    The picture menu page will be displayed automatically.

2

3

4

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MAIN MENU

🔆 Picture	**Color**
🔊 Sound	Brightness
📺 CH	Contrast
🖧 System	Sharpness
☰ OSD	Tint
🖥 TVPC	
💿 Setup	40

In TV/Video mode

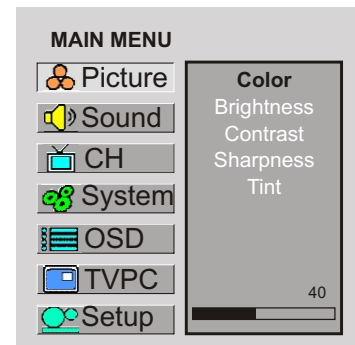| Option	Function	Operation	Range
Color	Adjusts color saturation.	VOL+ deeper	0~100
Brightness	Adjusts screen brightness for easier viewing of dark picture such as night scenes and black hair.	VOL+ lighter	0~100
Contrast	Adjusts image contrast.		0~100
Sharpness	Adjusts image sharpness and displays a sharp image.		0~100
Tint	Adjusts tint for image.	VOL+ greenish	0~100

In VGA/DVI mode

Option	Function	Operation	Range
Brightness	Adjusts screen brightness for easier viewing in of dark scenes such as those shot at night.	VOL+ lighter	0~100
Contrast	Adjusts image contrast.		0~100
Sharpness	Adjusts image sharpness and displays a sharp image.		0~100
Color Temp	Adjusts preset color temperature.		WARM NORMAL COOL

Using the Preset Picture Mode

Use the **Picture** button to quickly select picture mode.
There are three preset picture modes (**Bright, Soft** and **Nature**) and one user-set picture mode (**User**). Each preset mode has its own picture settings.
Bright: Select for a bright picture.
Soft: Select for a finely detailed picture.
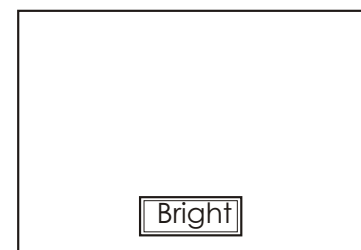
Bright

Setting System

Adjusting Screen Aspect

1

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3

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> **MAIN MENU**
>   Picture
>   Sound
>   CH
>   System
>   OSD
>   TVPC
>   Setup
>
> **Aspect Ratio**
> N/R
> VCR mode
> Default
>
> **16:9**

    You can select the image aspect ratio between **4:3**, **16:9**, **Panorama** and **Zoom**.
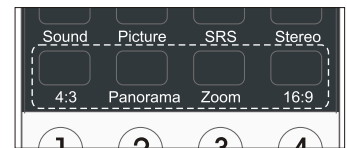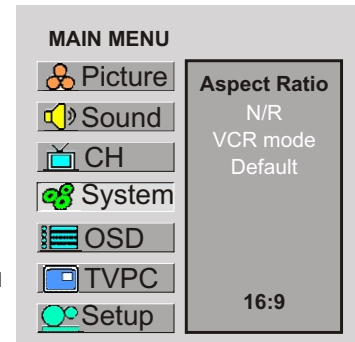
    16:9 — For 16:9 signal format. This mode displays 16:9 aspect ratio picture.

    Panorama — In this mode the picture is progressively stretched toward each side of the screen.

Note:

> Sound   Picture   SRS   Stereo
>
> 4:3   Panorama   Zoom   16:9
>
> 1   2   3   4

Reducing Picture Noise

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> **MAIN MENU**
>   Picture
>   Sound
>   CH
>   System
>   OSD
>   TVPC
>   Setup
>
> Aspect Ratio
> **N/R**
> VCR mode
> Default
>
> **Auto**

    Sometimes a noisy picture may appear on the screen because of poor signal. This function helps to enhance the picture quality by reducing the

VCR mode

1

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> **MAIN MENU**
>   Picture
>   Sound
>   CH
>   System
>   OSD
>   TVPC
>   Setup
>
> Aspect Ratio
> N/R
> **VCR mode**
> Default
>
> **On**
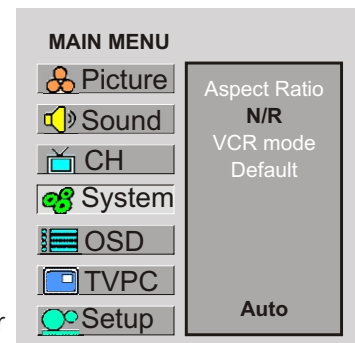
    When you are watching VCR program type or receiving weak signal, please set the "**VCR mode**" item to "**On**". It helps to obtain a better
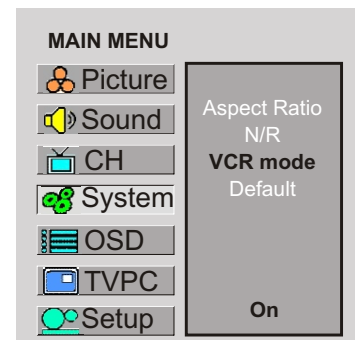
Loading Default Values

Setting System In VGA Mode

Changing the Position of Image

The unit allows you to adjust the position of the screen if it is not well-aligned.

1

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MAIN MENU

Picture	**H Position**
Sound	V Position
CH	Clock
System	Phase
OSD	Auto Adjust
TVPC	Aspect Ratio
Setup	Resolution
	Default
	40

Adjusting Clock and Phase

1

2

3

4

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MAIN MENU

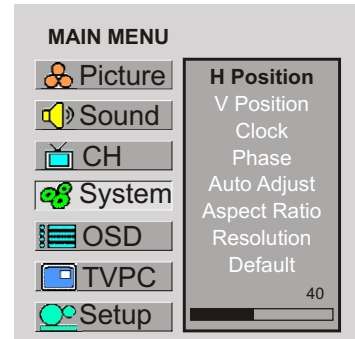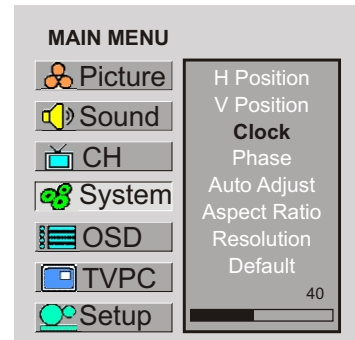| Picture	H Position
Sound	V Position
CH	**Clock**
System	Phase
OSD	Auto Adjust
TVPC	Aspect Ratio
Setup	Resolution
	Default
	40

Adjust the clock frequency of the set's internal clock signal. If shimmering or rainbow-like noise is apparent in
the image, try adjusting the clock frequency setting.
You may find that images blur, depending on the clock phase of your PC's Processor. If you

Adjusting the Picture Automatically

1

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MAIN MENU

Picture	H Position
Sound	V Position
CH	Clock
System	Phase
OSD	**Auto Adjust**
TVPC	Aspect Ratio
Setup	Resolution
	Default
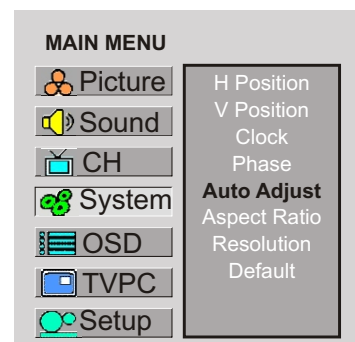
You may quickly adjust the picture by using the **Auto** button directly. The unit automatically adjusts phase, clock or position, etc.

Setting System (continued)

<div style="border:1px solid">

Setting System In VGA Mode(continued)

</div>

Adjusting Screen Aspect

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   Note:

MAIN MENU	
🔆 Picture	H Position
🔊 Sound	V Position
📺 CH	Clock
🔀 System	Phase
	Auto Adjust
📊 OSD	**Aspect Ratio**
🖥 TVPC	Resolution
👁 Setup	Default
	16:9

Sound	Picture	SRS	Stereo
4:3	Panorama	Zoom	16:9
1	2	3	4
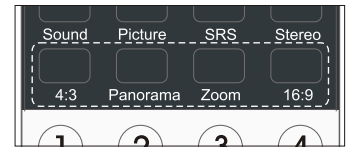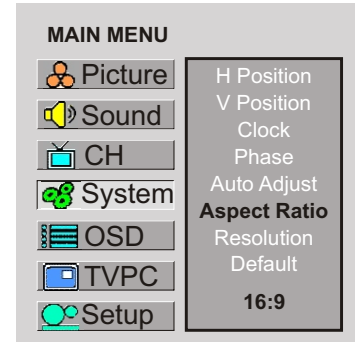
Displaying Resolution Information

Loading Default Values

Setting System In YPbPr Mode

Adjusting Phase

1

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3

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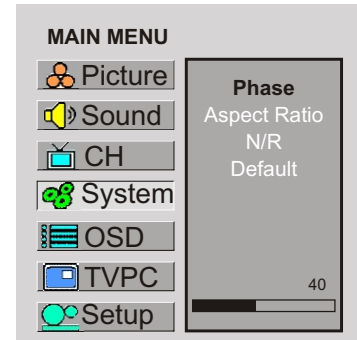
Adjusting Screen Aspect

1

2

3

4

5
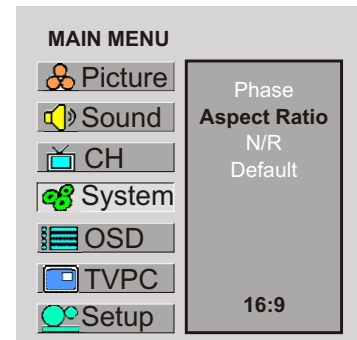
For 480i or 480P signal format, you can select the image aspect ratio between **4:3**, **16:9, Panorama** and **Zoom**.
For 720P or 1080i signal format, you can select the image aspect ratio
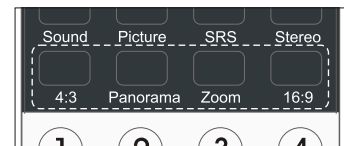
Note:

Reducing Picture Noise

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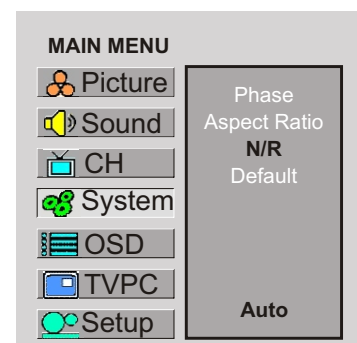
Loading Default Values

Setting System (continued)

Setting System In DVI Mode

Adjusting Screen Aspect

1

2

3

4

Note:

MAIN MENU

Picture
Sound
CH
System
OSD
TVPC
Setup

Aspect Ratio
Resolution

16:9

Sound   Picture   SRS   Stereo

4:3   Panorama   Zoom   16:9
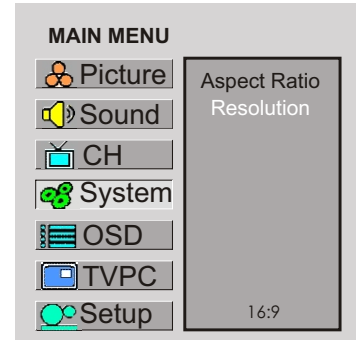
1   2   3   4

Displaying Resolution Information

1

2

3

4

Customizing the Sound

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```
MAIN MENU
  Picture        Volume
  Sound            Bass
  CH             Treble
  System        Balance
  OSD            Mute
  TVPC         Speaker
  Setup       Head Phone
                        10
```

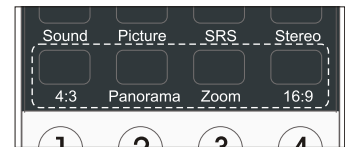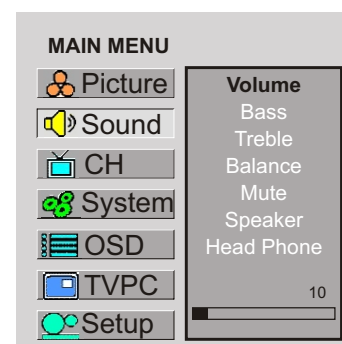| Option	Function	Operation	Range
Volume	Adjusts volume value.	VOL+ **stronger**	0~100
Bass	Adjusts Bass (low sounds)	VOL+ **stronger**	0~100
Treble	Adjusts Treble (high sounds).	VOL+ **stronger**	0~100
Balance	Adjusts volume balance (left and right	VOL+Higher volume from right speaker. VOL-Higher volume from left speaker.	0~100
Mute	Mutes the sound	Use Enter to toggle	On or Off
Speaker	Turns on or off speaker sound output	Use Enter to toggle	On or Off
Head Phone	Turns on or off headphone sound output	Use Enter to toggle	On or Off

Using the Preset Sound Mode

Use the **Sound** button to quickly select sound mode.
There are three preset sound modes (**Movie**, **Music** and **News**) and one user-set sound mode (**User**). Each preset mode has its own sound settings (Bass and Treble).
Movie: Select for a movie program.
Music: Select for a music program.
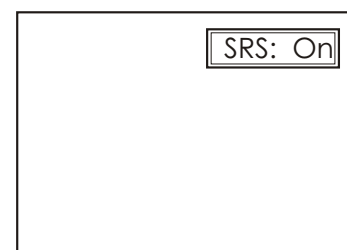
```
News
```

Setting SRS effect

SRS (Sound Retrieval System®) is an audio enhancement technology that restores the spatial cues that are present in a live listening

```
SRS: On
```

* The SRS symbol are trademark of SRS Labs,Inc.
   SRS technology is incorporated under license from SRS Labs, Inc.

Note:

Adjusting On-Screen Display

Adjusting OSD Position

1

2

3

4

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MAIN MENU

Picture
Sound
CH
System
OSD
TVPC
Setup

Language
H Position
V Position
Halftone
Zoom
OSD off
Default

10
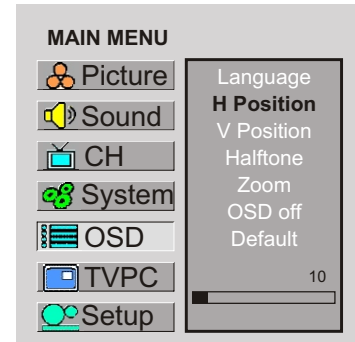
Adjusting OSD Transparency

1

2

3

4

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MAIN MENU

Picture
Sound
CH
System
OSD
TVPC
Setup

Language
H Position
V Position
Halftone
Zoom
OSD off
Default

4
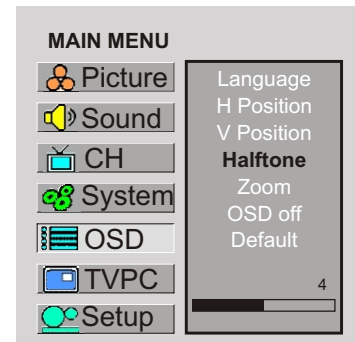
Zooming OSD Menu

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Note:

MAIN MENU

Picture
Sound
CH
System
OSD
TVPC
Setup

Language
H Position
V Position
Halftone
Zoom
OSD off
Default

Normal
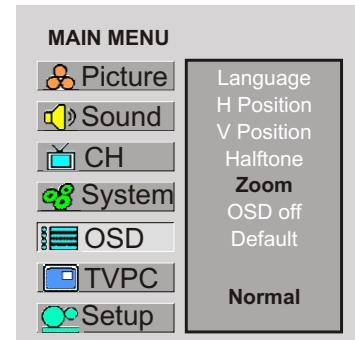
Setting OSD Off Time

This setting allows you to set the time that the OSD for the main menu is displayed onscreen.

1

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MAIN MENU

Picture
Sound
CH
System
OSD
TVPC
Setup

Language
H Position
V Position
Halftone
Zoom
OSD off
Default
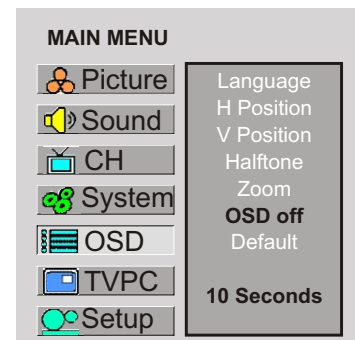
10 Seconds

You may select between 5 seconds, 10 seconds, 20 seconds, 50 seconds or 200

Loading default values

29

Viewing the TVPC

*The **TVPC** function is available only when the main frame is in **VGA/DVI** mode (aspect*

1

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3

4

MAIN MENU

- Picture
- Sound
- CH
- System
- OSD
- TVPC
- Setup

TVPC On/Off
Source
H Position
V Position
Size
PBP

On
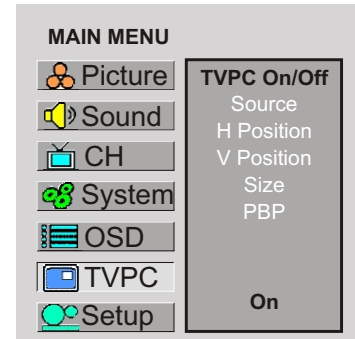
Note:

‣ *You may quickly open or close TVPC frame by using the **TV/PC***

Main Frame
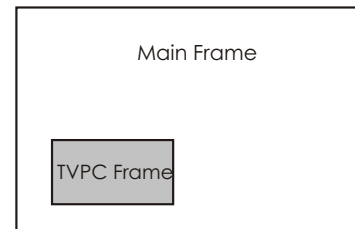
TVPC Frame

Selecting the Signal Source for the TVPC Frame

1

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4

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MAIN MENU

- Picture
- Sound
- CH
- System
- OSD
- TVPC
- Setup

TVPC On/Off
Source
H Position
V Position
Size
PBP

RF
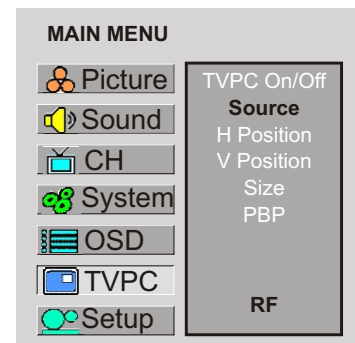
Note:

You may quickly select signal source for the TVPC frame by using the

Changing Channels for the TVPC Frame

When the TVPC frame is in TV mode, press the **up** or **down** button to change channels.
When you press the **up** or **down**, the unit changes channels in sequence. You will see all the channels that the unit has memorized.

Changing the Position of the TVPC Frame

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2

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4

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Note:

Main frame →
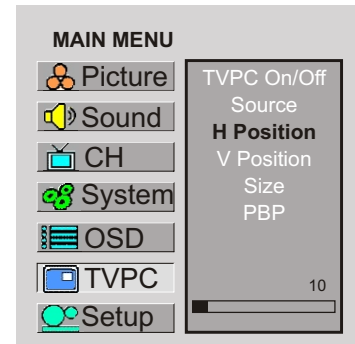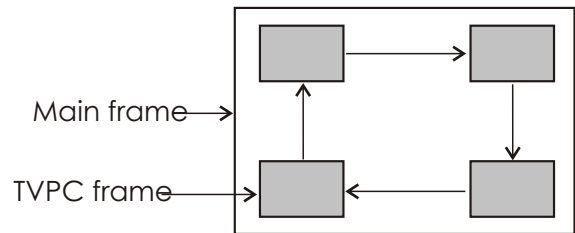
TVPC frame →

Adjusting the Size of TVPC Frame

1

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3

4

5
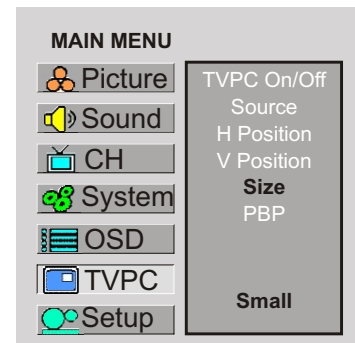
Note:

Viewing Picture-by-Picture

1 Without TVPC function working, press Menu to display the menu main

2

3

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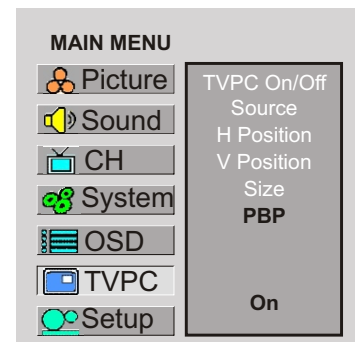
Note:

■ *You can quickly switch to PBP mode by using the **PBP** button.*

MAIN MENU
- Picture
- Sound
- CH
- System
- OSD
- TVPC
- Setup

TVPC On/Off
Source
H Position
V Position
Size
PBP

10

MAIN MENU
- Picture
- Sound
- CH
- System
- OSD
- TVPC
- Setup

TVPC On/Off
Source
H Position
V Position
Size
PBP

Small

MAIN MENU
- Picture
- Sound
- CH
- System
- OSD
- TVPC
- Setup

TVPC On/Off
Source
H Position
V Position
Size
PBP

On

Setting Sleep Timer

Press the **Sleep** button repeatedly to set a sleep time to

Off ⟶ 5 minutes ⟶ 10 minutes ⟶ 15 minutes ⟶ 30 minutes

Sleep: 5 min.
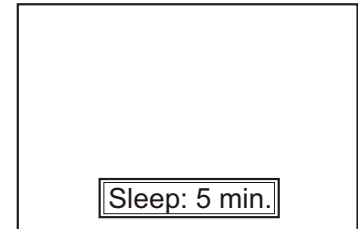
Setting Audio Mode

Press the **Stereo** button repeatedly to select the audio mode between

Choose **STEREO** for channels that are broadcasting in stereo.
Choose **MONO** for channels that are broadcasting in mono, or if you are having difficulty receiving a

Freezing the Picture

Press the **Still** button to hold on the image on the screen (the video

Note:
The freeze function works in TV, Video or S-video mode only.

Viewing Closed Captions

The unit decodes and displays the closed captions that are broadcast with certain TV shows. These captions are usually subtitles for the hearing impaired or foreign language translations. All VCRs record the closed caption signal from television programs, so home-recorded video tapes also provide closed captions. Most prerecorded commercial video tapes provide closed captions as well. Check for the

Note:
The Caption feature does not work with YPbPr, VGA,DVI.

CC

Turning Closed Caption On or Off

1

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MAIN MENU	
🌸 Picture	**CCD On/Off**
🔊 Sound	CCD Mode
📺 CH	CC when mute
🐞 System	Child Lock
📊 OSD	
🖥 TVPC	
📹 Setup	**On**
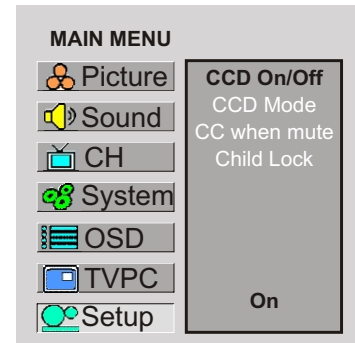
Setting Closed Caption

1

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3

4

5

MAIN MENU	
🌸 Picture	CCD On/Off
🔊 Sound	**CCD Mode**
📺 CH	CC when mute
🐞 System	Child Lock
📊 OSD	
🖥 TVPC	
📹 Setup	**CC-1**
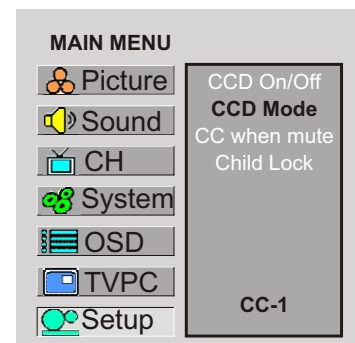
You may select between CC-1, CC-2, CC-3, CC-4, T-1, T-2, T-3 and T-4.
The Closed Caption broadcasts can be viewed in two modes: CAPTION and TEXT. For each mode, four channels are available.
The [CAPTION] mode shows subscripts of dialogues and commentaries of TV dramas and news programs while allowing a clear view of the picture.
The [TEXT] mode displays various information over the picture (such as TV program schedule, weather forecast, etc.) that is independent of the TV programs.
Note:

Setting CC When Mute

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MAIN MENU	
🌸 Picture	CCD On/Off
🔊 Sound	CCD Mode
📺 CH	**CC when mute**
🐞 System	Child Lock
📊 OSD	
🖥 TVPC	
📹 Setup	**On**
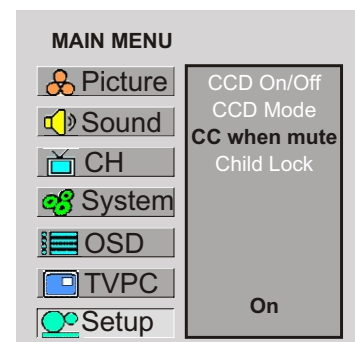
Child Lock

This function allows TV programs to be restricted and TV usage to be controlled based on FCC data. It prevents children from watching violent or sexual scenes that may be harmful.
Restriction of TV programs includes two ratings that contain information about the program: the MPAA rating and the TV Parental Guidelines. The MPAA rating is restricted by age. TV Parental Guidelines are restricted by age and content.

[1] Movie Rating (MPAA)

Rating		
age based	G	GENERAL AUDIENCES. All ages admitted.
	PG	PARENTAL GUIDANCE SUGGESTED. Some material may not be suitable for children.
	PG-13	PARENTAL STRONGLY CAUTIONED. Some material may be inappropriate for children under
	R	13.
	NC-17	RESTRICTED. Under 17 requires accompanying parent or adult guardian.
	X	NO ONE 17 AND UNDER ADMITTED.
	N/A	X Rating is an older rating that is unified with NC-17 but may be encoded in the data of

Note:

Example 1:

"PG-13" in the age-based rating is blocked, this will automatically block the higher ratings "R", "NC-17", "X" also.

MAIN MENU
- Picture
- Sound
- CH
- System
- OSD
- TVPC
- Setup

Block On/Off
MPAA
TV Rating
CA EngRateSys
CA FrnRateSys
New Password

PG-13
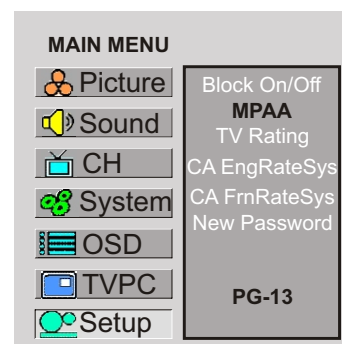
Example 2:

"R" in the age-based rating is blocked, this will automatically block the higher rating "NC-17", "X" also.

MAIN MENU
- Picture
- Sound
- CH
- System
- OSD
- TVPC
- Setup

Block On/Off
MPAA
TV Rating
CA EngRateSys
CA FrnRateSys
New Password

R

"**Child Lock Block**" with a green screen will be displayed if you watch

Child Lock Block

34

Adjusting Child Lock Settings (continued)

[2] TV Rating

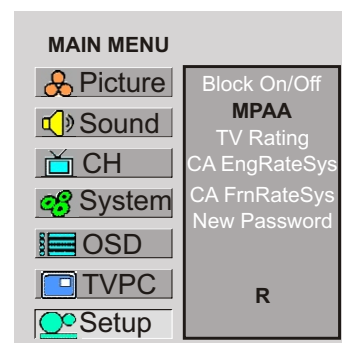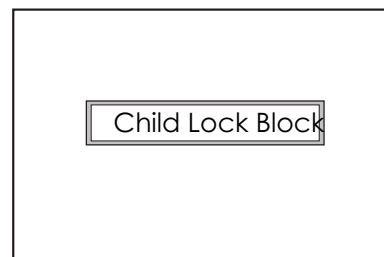| Rating		content based				
		D	L	S	V	FV
age based	TV-Y (All children)	✕	✕	✕	✕	✕
	TV-Y7 (Direct to Older Children)	✕	✕	✕	✕	●
	TV-G (General Audience)	✕	✕	✕	✕	
	TV-PG (Parental Guidance	●	●	●	●	
	Suggested)	●	●	●	●	
	TV-14 (Parents Strongly		●	●	●	

✕ ——— Content Rating can be set but this Rating
is not normally broadcast by TV Station.

● ——— Content Rating can be set.

D: Sexually Suggestive Dialog
L: Adult Language
S: Sexual Situation
V: Violence
FV: Fantasy Violence

Note:
Age-based ratings can be modified by the content-based ratings but only in the combinations

Example 1:

When TV-Y7 in the age-based rating is set to BLOCK, this will automatically
block the higher ratings: TV-G, TV-PG, TV-14 and TV-MA. In addition, D, L, S,
V and FV in content are automatically blocked.

MAIN MENU
- 🔣 Picture
- 🔊 Sound
- 📺 CH
- 🔧 System
- 📊 OSD
- 🖥 TVPC
- 🎥 Setup

Block On/Off
MPAA
TV Rating
CA EngRateSys
CA FrnRateSys
New Password

TV-Y7
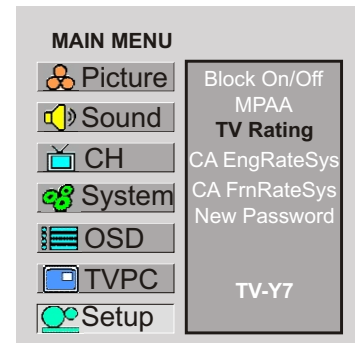
Example 2:

When TV-14 in the age-based rating is set to BLOCK, this will automatically
block the higher ratings: TV-MA.
In addition, if you block "L" sub-rating in TV-PG, then the D, L, S, V and FV in
c o n t e n t   i n
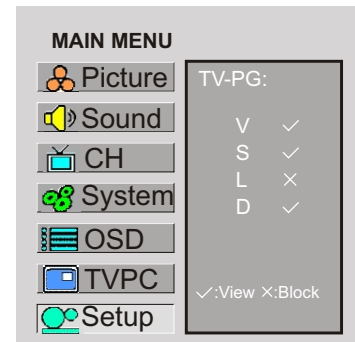
MAIN MENU
- 🔣 Picture
- 🔊 Sound
- 📺 CH
- 🔧 System
- 📊 OSD
- 🖥 TVPC
- 🎥 Setup

TV-PG:

V ✓
S ✓
L ✕
D ✓

✓:View ✕:Block

"**Child Lock Block**" with a green screen will be displayed if you watch
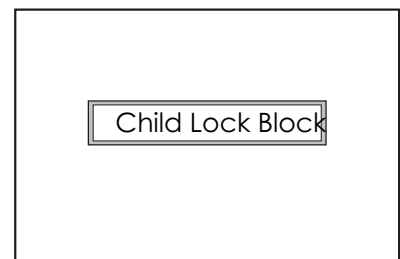
Child Lock Block

Turning Child Lock On or Off

MAIN MENU

🟤 Picture	**Block On/Off**
🔊 Sound	MPAA
📺 CH	TV Rating
🌐 System	CA EngRateSys
📑 OSD	CA FrnRateSys
📺 TVPC	New Password
😊 Setup	**On**

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The default password is 1234, you can change the password by yourself.
The unit allows you to access the Child Lock menu if you input the right password, or

5

Changing the Password

MAIN MENU

🟤 Picture	Block On/Off
🔊 Sound	MPAA
📺 CH	TV Rating
🌐 System	CA EngRateSys
📑 OSD	CA FrnRateSys
📺 TVPC	**New Password**
😊 Setup	**0000** [0-9]
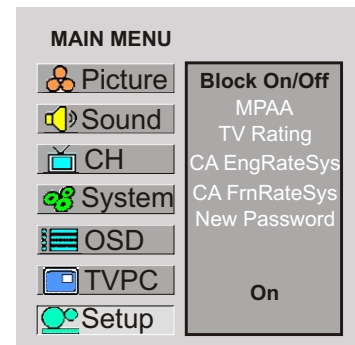
1　From the password menu page, press **CH**+/- repeatedly to select **New**

2　Input a new 4-digit password. For example, you may set "0000" as your new password.

3

Be sure to write down your password and retain it for future use.

Adjusting the Movie Rating

MAIN MENU

🟤 Picture	Block On/Off
🔊 Sound	**MPAA**
📺 CH	TV Rating
🌐 System	CA EngRateSys
📑 OSD	CA FrnRateSys
📺 TVPC	New Password
😊 Setup	**PG-13**

1

2

For example, "PG-13" in the age-based rating is selected, this will automatically block the higher ratings "R", "NC-17", "X" also.

3

Adjusting the TV Rating

MAIN MENU

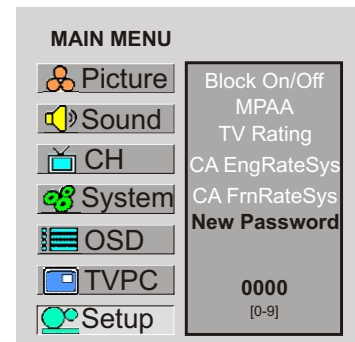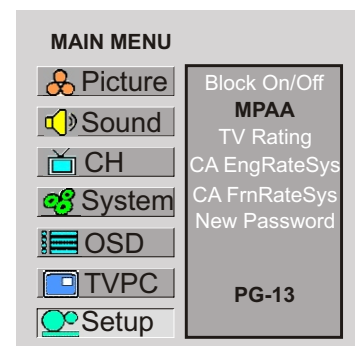|	
🟤 Picture	Block On/Off
🔊 Sound	MPAA
📺 CH	**TV Rating**
🌐 System	CA EngRateSys
📑 OSD	CA FrnRateSys
📺 TVPC	New Password
😊 Setup	**TV-PG**

1

2

This will automatically block the higher age-based ratings. You may set the individual content-based ratings as follow.

MAIN MENU

🟤 Picture	TV-PG:
🔊 Sound	V ✓
📺 CH	S ✓
🌐 System	L ✗ D ✓
📑 OSD	
📺 TVPC	
😊 Setup	✓:View ✗:Block

3

4

5 　　　　✗　　　　✓

6

Adjusting Child Lock Settings (continued)

Adjusting Canadian English Rating

1 From the **Child Lock** menu page, press **CH**+/- repeatedly to select **CA**

2

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```
MAIN MENU
  Picture        Block On/Off
  Sound             MPAA
  CH              TV Rating
  System        CA EngRateSys
  OSD           CA FrnRateSys
  TVPC           New Password
  Setup              PG
```
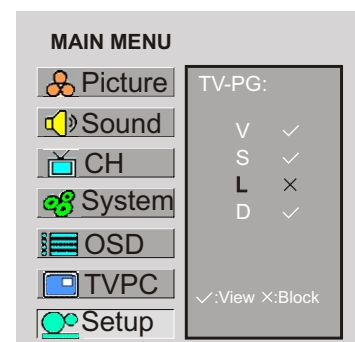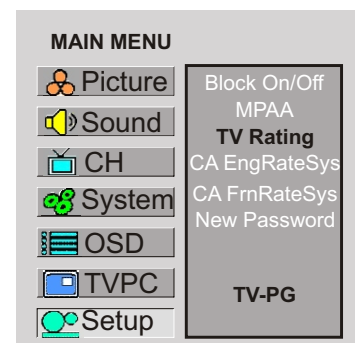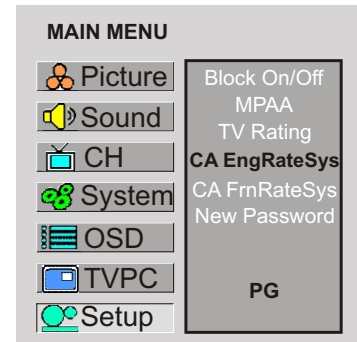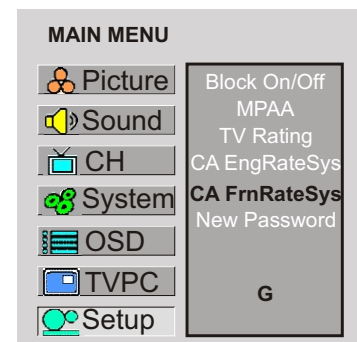
CANADIAN ENGLISH RATING CHART

E	Exempt - Exempt programming includes: news, sports, documentaries and other information programming, talk shows, music videos, and variety programming.
C	Programming intended for children under age 8. No offensive language, nudity or sexual
C8+	Programming generally considered acceptable for children 8 years and over. No profanity, nudity or sexual content.
G	General programming, suitable for all audiences.
PG	Parental Guidance suggested. Some material may not be suitable for children.
14+	Programming contains themes or content which may not be suitable for viewers under the age of 14. Parents are strongly cautioned to exercise discretion in permitting viewing
18+	Intended for viewers 18 years and older and might contain depictions of violence.

Adjusting Canadian French Rating

1 From the **Child Lock** menu page, press **CH**+/- repeatedly to select **CA**

2

3

```
MAIN MENU
  Picture        Block On/Off
  Sound             MPAA
  CH              TV Rating
  System        CA EngRateSys
  OSD           CA FrnRateSys
  TVPC           New Password
  Setup               G
```

CANADIAN FRENCH RATING CHART

E	Exempt - Exempt
G	General - Programming intended for audience of all ages. Contains no violence, or the violence content is minimal or is depicted appropriately.
8 ANS+	8+ General - Not recommended for young children. Programming intended for a broad audience but contains light or occasional violence. Adult supervision
13 ANS+	Programming may not be suitable for children under the age of 13 - Contains either a few violent scenes or one or more sufficiently violent scenes to affect them. Adult
16 ANS+	Programming may not be suitable for children under the age of 16 - Contains frequent scenes of violence or intense violence.
18 ANS+	Only for adult viewing.Could contain frequent violent scenes and extreme violence.

Troubleshooting

Before calling for repair service, check the following items for possible remedies to the

Symptoms	Check item
"Ghost" or double images	✎This may be caused by obstruction to the antenna due to high rise buildings or hills. Using a highly directional antenna may
No power	✎Check that the AC power cord is plugged into the mains socket. ✎Unplug the power cord, wait for 60 seconds. Then re-insert plug
No picture	✎Check antenna connections at the rear of the unit to see if it is properly connected to the unit. ✎Possible broadcast station trouble. Try another channel. ✎Adjust the contrast and brightness settings. ✎Check the Closed Captions control. Some TEXT modes could block the screen. ✎Select a correct input. ✎Is a non-compatible signal being input?
Good picture but no sound	✎Increase the VOLUME. ✎Check that the unit is not muted. ✎Check that the Speaker item in SOUND menu is set to ON.
Good sound but poor color	• Adjust the contrast, color and brightness
Poor picture	✎Sometimes, poor picture quality occurs when having activated an S-VHS camera or camcorder connected and having connected another peripheral at the same time. In this case, switch off one of the other peripherals.
Horizontal dotted line	✎This may be caused by electrical interference (e.g. hairdryer, nearby neon lights, etc.). ✎Turn off the equipment.
Television not responding to remote control	✎Check whether the batteries are working. Replace if necessary. ✎Clean the remote control sensor lens on the unit. ✎Do not use the remote control under strong or fluorescent
Snowy picture and noise	✎Check the antenna connection.
No stable or not synchronized VGA picture	✎Check if you have selected the correct VGA mode in your
No output from one of the speakers	✎Adjust Balance in the SOUND menu.
Control buttons do not work	✎Unplug the power cord, wait for some seconds. Then re-plug the power cord and turn on the unit again.

⬚ Do not use in hot or cold rooms (locations)

• When the unit is used in rooms (locations) with low temperature, the picture may leave trails or appear slightly delayed. This is not a malfunction, and the unit will recover when the temperature returns to normal.

• Do not leave the unit in a hot or cold location. Also, do not leave the unit in a location exposed to direct sunlight or near a heater, as this may cause the cabinet to deform and the LCD panel

Note:
If your problem is not solved, turn your unit off and then on again once.

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Care and Maintenance

LCD Display panel information

Important Information Regarding Use of Video Games, Computers, Captions or Other Fixed Image Displays.

The extended use of fixed image program material can cause a permanent "shadow image" on the LCD panel.

This background image is viewable on normal programs in the form of a stationary fixed image. This type of irreversible LCD panel deterioration can be limited by observing the following steps:

A. Reduce the brightness/contrast setting to a minimum viewing level.

Note:
The marking or retained image on the LCD panel resulting from fixed image use is not an operating

Cleaning and Maintenance

To clean this unit, wipe with a soft, dry cloth.
If the surfaces are extremely dirty, use a soft cloth dipped in a soap and water solution or a weak detergent solution.
• Use eyeglass cleaner to remove stubborn dirt from the LCD.
• Never use alcohol, paint thinner or benzine to clean this unit.
• Before using a chemically treated cloth, read the instructions that came with the cloth carefully.

Type	LCD TV
Display Size diagonal	26"
Display Feature	
LCD panel	TFT-LCD
Resolution	1366 x 768
Maximum Colors	16,777,216
Brightness	500 nit
Contrast	800:1
Viewing Angle	$170^{\circ}/170^{\circ}$
TV Tuner & Color System	
Tuner	FST x 1
TV System	NTSC
Channel Coverage	VHF 2-13, UHF 14-69, CATV (1-125)
Video Features	Progressive Scan
Audio Speaker System	
Speaker Output	7Wx2
Stereo Sound System	BTSC
Power Supply	AC100V-240V 50/60Hz
Power Consumption	140W
Stand by Mode Power Consumption	<1W
Unit weight (lb)	41.9
TV Unit Dimension (WxHxD) (inch)	31.8 x 20.6 x 8.3
Other functions	Sleep Timer (Off only)
	Picture Freeze (TV and AV only)
Caption	Closed Caption
Security	Child Lock
Remote Control function support for Spanish	OSD Support English, French,

Specification (continued)

Terminals		
Video In	RF : TV/CATV 75ohms coaxial x 1	
	AV : RCA 75ohms composite video x 2	
	S-Video : 4-pin DIN x 1	
	D-Sub 15 x 1	
	DVI-D x 1	
	YPbPr/YCbCr (Support HDTV) : RCA for DVD, STB x 2	
Video Out	RCA 75 ohms x 1	
Audio In	L/R RCA for AV x 2	
	Stereo mini phone Jack for PC x 1	
	Stereo mini phone Jack for DVI-D x 1	
	L/R RCA for YPbPr/YCbCr x 2	
Audio Out	L/R RCA for Video Out x 1	
	Headphone Jack : Stereo mini phone Jack x 1	
Accessories	1 User Manual 1 Remote Control 1 Power Cord 2 AAA Batteries	
Display Format Supported by This Unit		
For D-Sub/DVI:	640X480 @ 60Hz,72Hz,75Hz;	800X600 @ 60Hz,72Hz,75Hz;
	1024X768 @ 60Hz,70Hz,75Hz;	1280X960 @ 60Hz;
	1280X1024 @ 60Hz;	1280X768 @ 60Hz; 1360X768 @ 60Hz .
For YPbPr:	480P @ 60Hz; 480i @ 60Hz;	
	720P @ 60Hz;	
	1080i @ 60Hz.	

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