

### ATTACHMENT E -1.

### - USER'S MANUAL -

### **FCC Information**

#### **User Instructions**

The Federal Communications Commission Radio Frequency Interference Statement includes the following warning :

NOTE : 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 in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television receptions, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures :

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

#### **User Information**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Connecting of peripherals requires the use of grounded shielded signal cables.

#### **DECLARATION OF CONFORMITY**

WE

HYUNDAI ImageQuest CO., LTD. Ami-ri Bubal-Eub Ichon-Si Kyungki-Do 467-860 KOREA

declare under our sole responsibility that the product:

Kind of equipment : LCD TV

Type-Designation : LT17AW000 / LT20A0000

to which this declaration relates is in conformity with the following standard(s) or other normative document(s)

Safety : EN 60950 : 2000

EMC : EN 55022 : 1998+A1 : 2000 Class B EN 55024 : 1998+A1 : 2001 EN 61000-3-2 : 2000, EN 61000-3-3 : 1995+A1 : 2001

following the provisions of the Low Voltage Directive 73/23/EEC, 93/68/EEC and the EMC Directive 89/336/EEC.

Accredited testlaboratory: TÜV Rheinland Am Grauen Stein 51105 Köln

KOREA / MAY. 15, 2004 Place and date of issue)

Hay bus len HONG KI, KIM (Name and signature of *authorized person)* 

### **Important Tips**

#### Image Retention effect(Image Sticking) —

#### 1. Cause :

- Image Retention Effect could be come from displaying a still picture in certain period of time with at a certain area continuously, as the feature of LCD TV panel.
- This is the same matters to other companies' LCD TV panel products, too.

#### 2. Preventation :

To avoid this matter, use the product after reducing brightness and contrast, especially a still image is displaying for a long time. (Example : Contrast 25, Brightness 25 - See the page 34)
 Once Image retention occurs, change the mode into Video mode which displays more motion pictures. It will help reduce this matter, but cannot completely eliminate once it occurs. It makes the screen's brightness worse as displaying a fixed pattern often.

#### 3. Solution :

The temporary image sticking would decrease with displaying Full-White pattern after 10 hours.
The permanent image sticking couldn't take off under the latest technology even though being in its manufacturer.

#### 4. Notice :

- It is very important to notify every buyer/customer this information and All Branches/Buyers /Customers should be fully aware of this.
- Image Sticking in LCD TV panel products couldn't get the support from a manufacturer, and does not come under the warranty.

#### Second Tips —

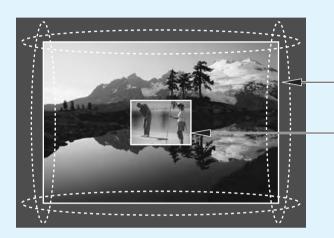
#### • Pixel Defect :

LCD TV panel is made of a group of refined pixels (cells). The Panel, in which 99.9% of pixels have approved, is a normal product. Therefore, only a few of abnormal pixels may appear, however, this has no influence upon LCD TV panel performance.

\* Specification on 'dead pixel' of LCD panel applies to IS013406-2 Standard.

### **Image Sticking Precaution**

#### Still Image Wide/4:3 in mortion Image —



— Wide, 4:3 aspect ratio

#### — Box or Still image

#### • Precaution :

- Image Sticking could be come from Still Image and Boundary line for a long time display and Brightness gap in Boundary.
- This Matter(Image Sticking) is same thing under the other LCD TV's Company.
- Still Image/Letter in watching TV also will be effect to Image sticking. \*This matter(Image Sticking) is out of warranty.

#### HYUNDAI LCD TV HQL170WR/200NR

### **Features**

#### A Wide Array of Screen Settings

You can choose different screen settings depending on the type of program you are watching or the surrounding conditions (the lighting or the outside weather conditions). You can switch among Dynamic, Mild and Standard, or you can configure the screen settings for yourself.

#### A Wide Array of Sound Settings

You can choose an optimal sound setting for the type of program you are watching. You can switch among Standard, Music, Movie and News, or you can configure the settings for yourself.

#### 다양한 화면 구현 기능

일반화면(4:3), 와이드(16:9), 줌 등 다양한 화면크기를 구현합니다. PIP(Picture In Picture), POP(Picture Of Picture), Multi(9분할) 등 다양한 화면을 구현합니다.

**V-Chip** The V-Chip feature locks out programs that are deemed inappropriate for children.

**Closed Captions Function** This is to displays the closed captions that are broadcast with certain TV shows.

**Surround Audio Function** You can listen to dynamic and surround sound only with ordinary speaker

Auto ON/OFF Function This function allows you to turn on/off your LCD TV at the preset time.

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GENERAL INFORMATION

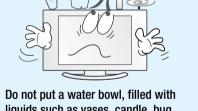
### **Safety Precaution**

The contents of this section are provided for the safety of users and their property. Please read the instructions carefully before using.

#### Safety instructions are divided into "Warning" and "Alert". Their meanings are as follows.

- This icon is intended to alert the user to the presence of potential danger and important operating instructions.
- Warning : When there is a possibility of serious injury or death if not observed.
- Alert : When there is a possibility of slight injury or product damage if not observed.

#### / WARNING Please avoid touching the panel Do not use a damaged If there is a persistent accumulation at the rear of LCD TV as it is power cord or plug, or loose of dusts or water on the plug, please producing high temperature. outlet. make sure to wipe it off using a dry - They may cause electric shock or fire. - Direct contact with the hot surface may cloth. cause physical burns. - It may cause a fire or an electric shock. Firmly plug in the power Do not connect multiple electrical cord so that it does not pull appliances to a single outlet. Never touch the power plug out. - It may cause a fire due to overheating from the - An unstable connection may cause or outlet with wet hands. outlet. fire. - This may cause electric shock. **WARNING** Do not install in a place where there Do not use or store a flammable is oil, smoke, excessive humidity, or spray or inflammable things near the where water may be sprinkled, LCD TV. dripped, splashed on it. - They may cause explosion or fire.



liquids such as vases, candle, bug repellant smoke, cigarette, plants, or heavy thing on the LCD TV. - It may cause electric shock or fire and also heavy things may cause injury when they fall.

- This may cause electric shock or fire.





Do not install on an unstable place or small support. - This may cause the LCD TV to fall, resulting in serious injury to a child or adult.





Do not install the LCD TV in a bookshelf, closet, or a place where there is poor air circulation. - Fire may be caused due to the rise of internal temperature.

### **Safety Precaution** ......Continued from previous page

GENERAL INFORMATION

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noise, burning smell, or smoke,

call a service center. - Electric shock or fire may be caused.

- Warning : When there is a possibility of serious injury or death if not observed.
- Alert : When there is a possibility of slight injury or product damage if not observed.





Make the antenna cable loop at the entrance of the building. Any necessary action such as making the antenna cable loop at the entrance of the building should be taken to prevent rainwater on the outdoor antenna cable from possibly running into the indoor. - If raindrop gets into the LCD TV, it may cause a fire or an electric shock.



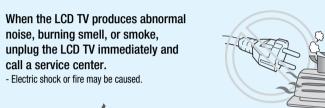
Never attempt to open, fix, or modify

- When there is a need for fixing, call a service

the LCD TV.



Do not put a metallic object like chopstick, wire, or puncher or inflammables like paper or a match in a vent, headphone jack, or AV jacks of the LCD TV. - Electric shock or fire may be caused.



Ensure the power cord doesn't trail across any hot objects like a heater. - This may cause a fire or an electric shock.

### WARNING



Any heat sources such as radiators and heat registers, etc. on or near the LCD TV. - It may cause a fire.

Do not block ventilating slits. - Blocking the ventilation slits prevents inner heat from escaping, which may lead to a fire.



Do not install the product on the

floor. - If it falls over, your child may be injured. Unplug the product during lightning or thunderstorms and never touch the antenna cable. - It may cause a fire or an electric shock.





Keep the remote control batteries out of sight and out reach of children. - If your child swallows a battery, see your doctor immediately

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GENERAL INFORMATION

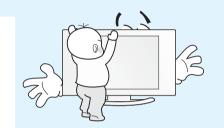
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- Warning : When there is a possibility of serious injury or death if not observed.
- Alert : When there is a possibility of slight injury or product damage if not observed.

### WARNING



Do not allow children to climb or play on the LCD TV. - If it falls over on children, it may cause serious injury.

Do not place toys and cookies, etc. on the LCD TV, which may attract children's attention. Children will climb on the LCD TV to reach whatever they have their eyes on. - If it falls over on children, it may cause serious



Unplug when you do not use your

or fire may be caused from heat, fire, or

- If dust is stacked on the LCD TV, electric shock

LCD TV for a long time.

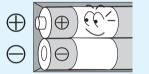
deterioration of insulation.



When cleaning the LCD TV, make sure to disconnect the power plug and use a dry, soft cloth for a cleanup. - Please avoid using chemicals such as wax, benzene, alcohol, thinner, mosquito spray, air freshener, lubricant or synthetic detergent.

When replacing batteries, make sure to match the batteries to the (+) and (-) marks in the battery compartment. - Mismatching of polarities may result in internal

damage to batteries, fire due to leakage or contamination.





Always use the standard batteries and avoid using old batteries together with new ones. - Otherwise it may result in internal damage to batteries, fire due to leakage or contamination.





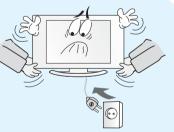
In the event of damaging or dropping the product, switch off the power and remove the plug. - Using a damaged product may cause an electric shock or a fire. - Contact your local service center.



When moving the LCD TV, 2 or more people are advised to carry it. - Injury or damage may be caused when the LCD TV falls.

Consult a service center or customer service for inside cleaning about once a year. When dust is piled inside the LCD TV for a long time, fire or malfunction may be caused.



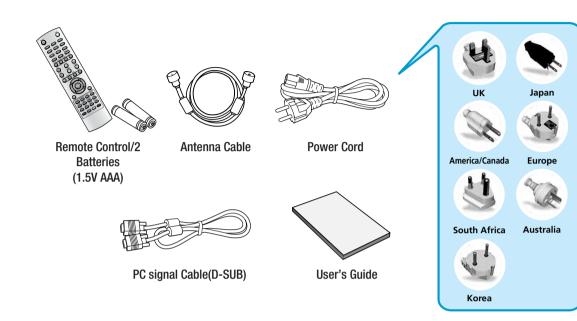


Before moving your LCD TV, ensure to switch off the power and unplug all the electrical cords and the external connection cords such as an antenna cable and other source connections, etc. - An electrical cord(s) may be damaged resulting in a fire or an electrical shock.

## 7

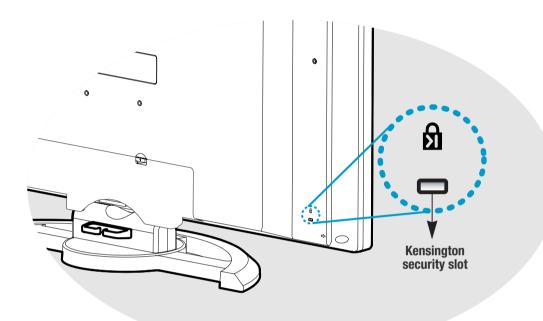
### **Contents of the Package**

To purchase additional parts, consult a distributor or selling agent.



### How to Use the Kensington Security Slot

- This display unit supports a Kensington-type security device to secure your LCD TV. Kensington lock is not included.
- To purchase and install the Kensington locking device, please refer to the following contact information.



### **Separately Sold Products**

If you want to purchase separately sold products, consult a service center, electronics shops, or parts seller.





Component(Y, Pb, Pr) Cable Composite(Video & Audio) Cable





S-video cable

Audio Cable(DVD/DTV)

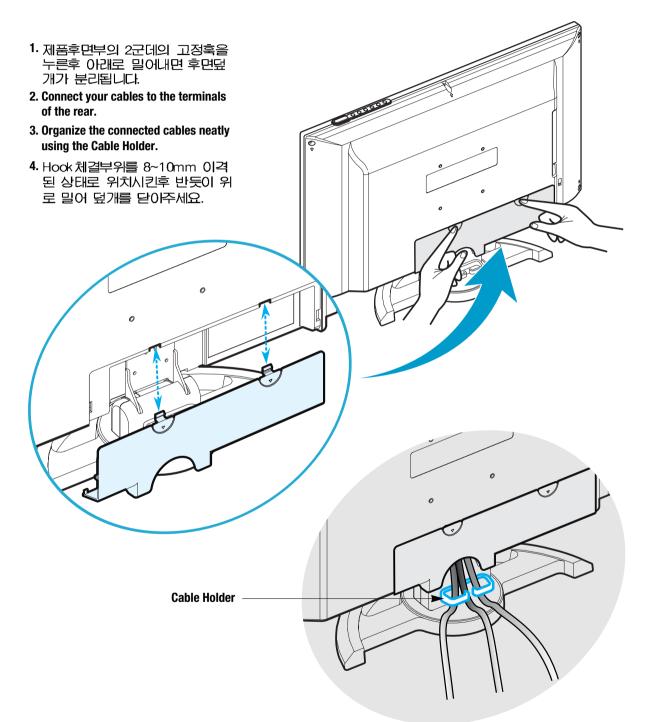
Audio Cable(PC)

#### \* Kensington Technology Group

- Address : 2000 Alameda de las Pulgas 2F san mateo, California 94403-1289
- Tel : +1 650 572 2700 Fax : +1 650 572 9675
- Web-site : www.kensington.com

### How to Use the Rear Cap and Cable Holder

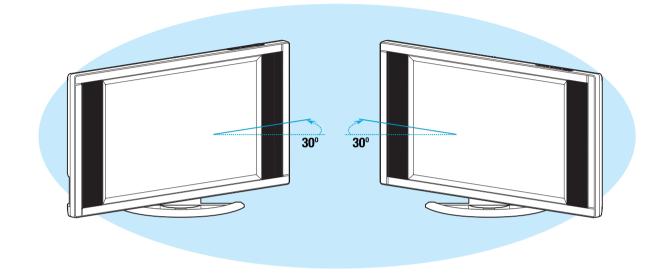
The Rear Cap and Cable Holder allow you to organize the connection cables on the rear of the product.



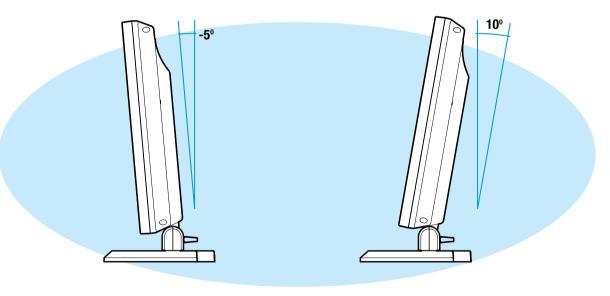
### How to Adjust the View Angle

You can adjust the angle of the view for the desired view angle.

You can adjust any angle within a range of 30° to the left or right.



You can adjust the tilt of the TV from -5° to 10° after the installation.



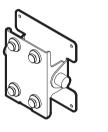
### **How To Install Wall Mount Support**

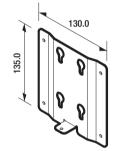
### 1. Caution 1. Install on the vertical wall surface only.

2. Do not install on the following places to protect the performance of LCD TV and to prevent malfunction. Near sprinkler Detector, Near heating devices, • Places where vibration or shock may be applied, • Near high voltage electric power line 3. Install in a proper method with the structural materials of the wall. If the wall is not strong enough to stand weight of TV set, reinforce the wall surface before installation.

4. Do not install within a wall.

### 2. Parts configuration chart





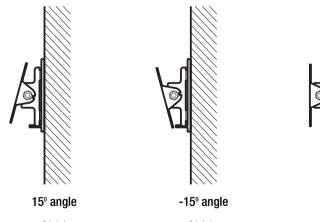


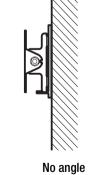
**Fixing Panel assembly** 

Base frame assembly

### 3. Angle Adjustment

The angle of LCD TV may be adjusted from -15 degree to 15 degree.



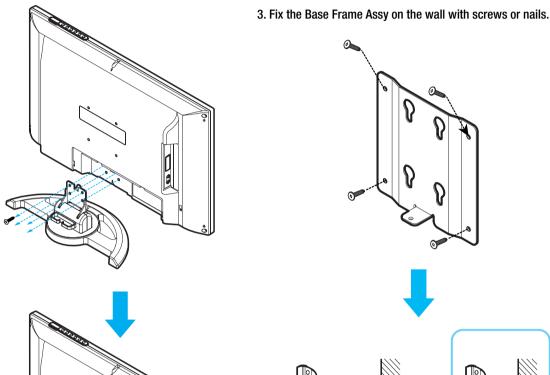


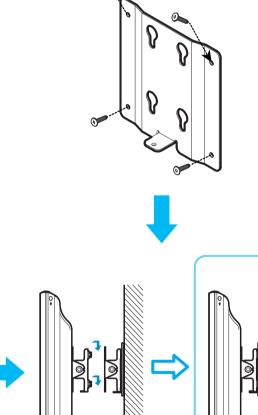
- - - - -

### **How To Install Wall Mount Frame**

#### 4. Installation Method

1. Unscrew screws fasted on 4 spots on the stand of LCD TV.





2. Fasten the Fixing Panel assembly on the back of LCD TV as shown on the picture.

> 4. Hang the LCD TV assembled the Fixing Panel Assy on the Base Frame Assy. (If the LCD TV is lifted too much, the hanging Plastic may be separated)

**Front View** 

### **Parts Names and Functions**

#### \*실제모양은 다소 차이가 있을 수 있습니다.

Source button

Use this button to switch among inputs connected to the LCD TV.

#### Menu button

Use this button to display or exit from menus. (3) Volume buttons

Use these buttons for your desired sound level. These buttons also serve as the cursor of Select/Adjust when in Menu mode.

#### **4** Channel buttons

Use these buttons to change channels. These buttons also serve as the cursor of Down and Up buttons when in Menu mode.

#### Power button

6

0

6

6

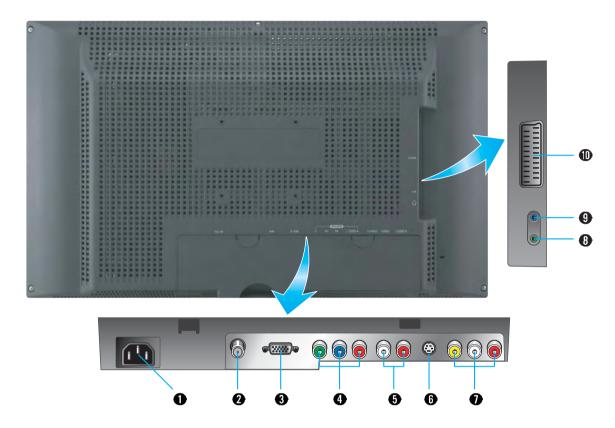
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- Use this button to turn on or off the LCD TV.
- Remote sensor and power LED.
   Point the remote control toward here.
- It displays standby or operation status.
   Speaker

- Power Indicator Staus -		
Indicator	Status	
Red	Stand-by	
Green	Power on	
Green blinking	Remote control	





#### \*실제모양은 다소 차이가 있을 수 있습니다.

#### Power input terminal

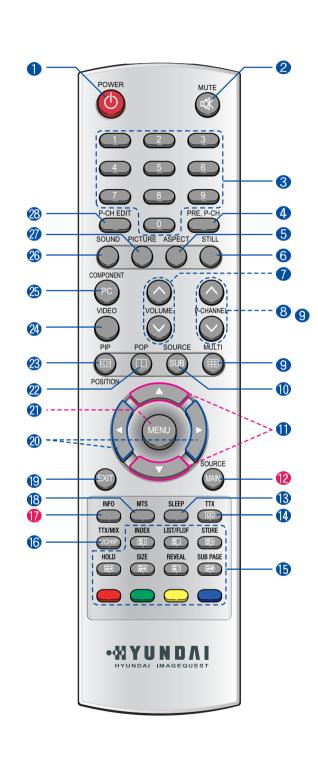
- Power cord is connected here.
- This allows you to connect your antenna.
- **3** D-SUB input terminal Connect to the DTV Receiver with D-Sub terminal or to RGB output terminal of a PC.
- Component input terminal for DVD or DTV Connect to the Component output terminal of DVD player/DTV receiver.
- Audio input terminal for DVD or DTV Connect to the audio output terminal of DVD player/DTV receiver.

#### S-video input terminal

- Use this for the better video quality than Composite video input terminal.
- Video and Audio Composite input terminal for VCR Connect to the Composite Video output terminal of VCR or DVD player.
- Headphone Jack
- Connect to the Headphone.
- Audio input Jack
- Connect to the audio output terminal of PC. Connect to the audio output terminal of PC.
- For the European area.

GENERAL INFORMATION

**Remote Control** 



#### POWER/STANDBY

- Use this button to turn the TV set on or off.
- Use this button to turn the sound off completely.
- **SNUMERIC KEYS** Use these buttons to select channels and
- input digit **4 PRE, P-CH**
- Use these buttons to return to the previous channel.
- **6** ASPECT RATIO

Use this button to change the picture size. (This function is available only with the TV, Video, S-Vedio mode.)

#### **6**STILL

- Use this button to freeze a picture.
- **VOLUME**
- Use this button to control the volume level. 8 P-CHANNEL
- Use this button to select channels. - Use this button to jump back to TV mode
- from other mode. - Use this button to turn the TV set on.

#### 

- Use this button to select 9 partitions screens. (This function is available only
- with the TV, Video, S-Vedio mode.)
- **OSOURCE**
- Use this button to select the input source in sub picture.

#### **OVD** UP/DOWN

Use these buttons to move each item of menu you want to choose.

#### MAIN SOURCE

- Use these buttons to display the available video source. (TV, VIDEO, S-VIDEO, COMPONENT, PC)

#### SLEEP

Use this button to allow your TV to turn off automatically at designated time.

#### CC(Closed Caption)

- Use this button for Closed Caption On/Off.
- The buttons are reserved for functions coming with later models and do not currently operate.

#### 1 V-CHIP

The V-Chip feature locks out programs that are deemed inappropriate for children.

#### **INFORMATION**

Use this button to display picture mode, resolution or various program information.

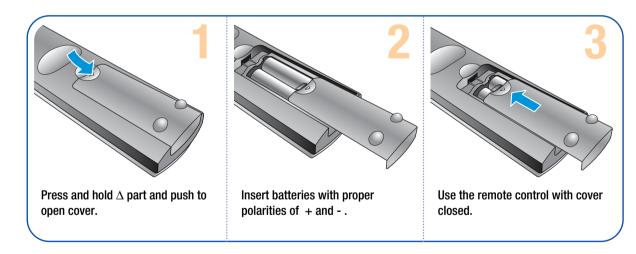
#### 18 MTS

Use this button to display types of audio signals currently aired on TV. Or you can use this button to switch to other Sound Mode available.

#### () EXIT

- Use this button to exit from a menu or function. LEFT/RIGHT
- Use this button to select or adjust each item of menu.

#### How to Insert Batteries in Remote Control



\*Battery type : 1.5V/BP-2KM(AAA/LR03G)

# GENERAL INFORMATION

### jump back to the previous menu. Use this button for POP On/Off. (This function is available only with the TV, Video, S-Vedio mode.)

- PIP (Picture in Picture) / POSITION Use this button for POP On/Off or select position. **WIDEO**
- Use this button to select Video or S-Video mode. COMPONENT/PC
- Use this button to select Component or PC mode. SOUND
- Use this button to select the status of sound. **2 PICTURE**
- Use this button to select the status of picture. 🔞 P-CH EDIT

POP (Picture Of Picture)

MENU

Use this button to store or erase the desired channels.

#### HYUNDAI LCD TV HQL170WR/200NR

Use this button to bring up the OSD on the screen and

HYUNDAI LCD COLOR TV

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Connections

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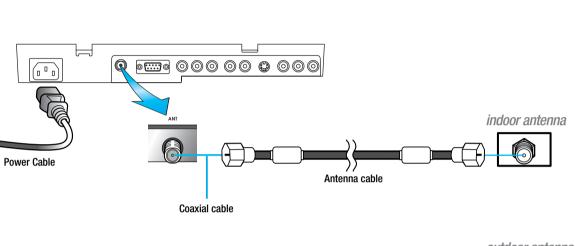
# **N**

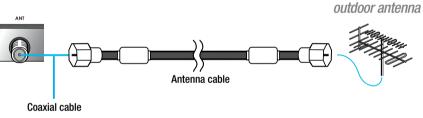
Connecting Indoor/Outdoor TV Antenna(UHF/VHF)23	
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### **Connecting Indoor/Outdoor TV Antenna(UHF/VHF)**

### **Connection Method**

Ensure to connect an antenna cable to the antenna input connection.





#### 

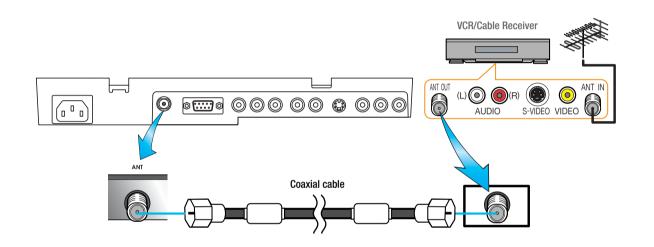
**2** Press Press or Numeric keys to select the desired channels.

When inserting a 75-ohm coaxial cable into the input connection, ensure the wire tip not to bend.
If you experience poor signal reception, we recommend you purchase a signal amplifier for better picture quality.

### **Connecting to the Antenna Input Connection on the External Equipment**

### **Connection Method**

- Connect an antenna cable to VCR/Cable/Satellite Receiver with the antenna input.
- 2 Use a coaxial cable to connect VCR/Cable/Satellite Receiver's antenna output to the antenna input on your LCD TV.



TIP

### Before connecting the video connections to external devices .....

Please make sure to read the following information on connection to enjoy best picture quality.

#### **Video/Audio connectors**

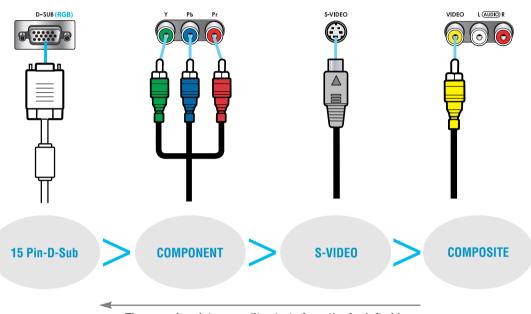
#### Types of video/audio cable :

① 15-Pin D-Sub ② COMPONENT ③ S-VIDEO ④ COMPOSITE

### Best pictu

CONNECTIONS

#### Best picture quality is displayed in the following order.

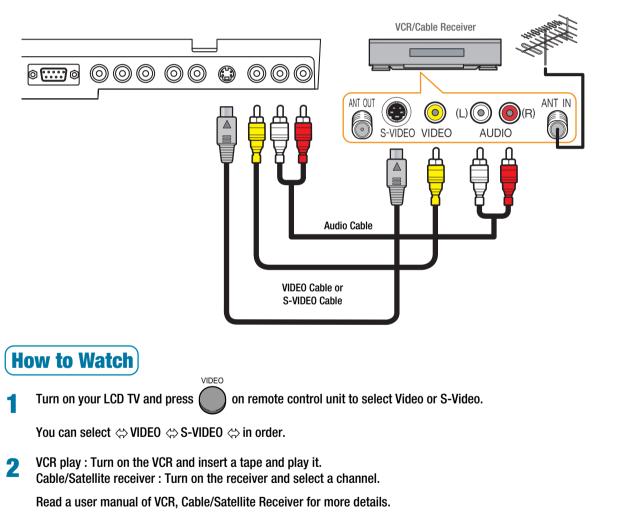


The superior picture quality starts from the far left side.

### **Connecting a VCR, Cable/Satellite Receiver**

### **Connection Method**

- Connect Video/S-Video cable between Video/S-Video output terminal of VCR or Cable/Satellite receiver and Video/S-Video input terminal of LCD TV. (Connect cables and terminal in the same colors)
- 2 Connect Audio cable (left:white color, right:red color) between Audio output terminal of VCR or cable/satellite receiver and Audio input terminal of LCD TV. (Connect cables and terminal in the same colors)



#### **TIP** Use S-video cables for better picture quality.

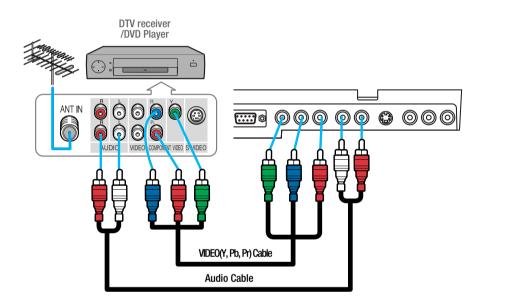
### **Connecting a DTV Receiver or DVD Player**

### **Connection Method**

CONNECTIONS

Connect video cables(Y, Pb, Pr) between output terminals(Y, Pb, Pr) of DTV receiver or DVD player and the input terminals(Y, Pb, Pr) of DTV/DVD(480i/480p/720p/1080i) on the rear of LCD TV. (Connect cables and terminal in the same colors)

Connect Audio cable between Audio output terminal of DTV receiver or DVD player and Audio input terminal for DTV/DVD Audio on the rear of LCD TV. (Connect cables and terminal in the same colors)



### How to Watch

Turn on your LCD TV and press (PC) on remote control unit to select DTV or DVD.

COMPONENT

You can select  $\Leftrightarrow$  COMPONENT  $\Leftrightarrow$  PC  $\Leftrightarrow$  in order.

**2** Turn on a DTV receiver or DVD player and use it.

Read the user manual of DTV receiver or DVD player for more details.

Output terminal mark(Y, Pb, and Pr) of DVD player may be written as Y, B-Y, R-Y/Y-Cb-Cr / Y-Pb-Pr. (It depends on DVD player)
 To watch digital broadcast, you have to separately purchase a digital set-top box and connect it to LCD TV.

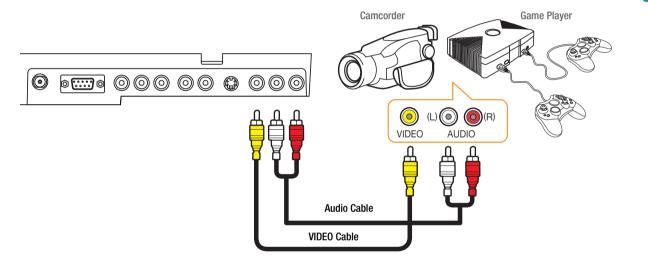
### **Playing Back a Tape Recorded On a Camcorder**

### **Connection Method**

Connect Video cable between Video output terminal of Camcoder/Game player and Video input terminal of LCD TV.

(Connect cables and terminal in the same colors)

2 Connect Audio cable (left:white color, right:red color) between Audio output terminal of Camcoder/Game player and Audio input terminal of LCD TV. (Connect cables and terminal in the same colors)



### (How to Watch)

Turn on your LCD TV and press on remote control unit to select Video.

You can select  $\Leftrightarrow$  VIDEO  $\Leftrightarrow$  S-VIDEO  $\Leftrightarrow$  in order.

**2** Turn on a Game player or Camcorder and use it.

Read the user manual of Game player or Camcorder for more details.

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### HYUNDAI LCD TV HQL170WR/200NR

### **Connecting to a PC**

(Connect cables and terminal in the same colors)

### **Connection Method**

a LCD TV. Connect Audio cable between Audio output terminal of PC and Audio input terminal for PC of LCD TV. 2

Connect PC signal cable(15 pins D-SUB) between output terminal of PC and the D-SUB input terminal of

000 00 00 000 ۲ Audio Cable D-SUB Cable (15pin)

### When Using as a PC Monitor

COMPONEN<sup>®</sup> PC Turn on your LCD TV and press on remote control unit to select PC.

You can select  $\Leftrightarrow$  COMPONENT  $\Leftrightarrow$  PC  $\Leftrightarrow$  in order.

2 Turn on the PC and use it. (Refer to next page on the back for the supported resolutions for PC)

#### - This product supports plug-and-play function.

- We recommend the above method if the satellite receiver supports DTV signal with D-SUB(15 pin) cable for the better quality picture.

### **Resolutions Supported in PC**

		- HQL200NR
Resolution	Horizontal frequency(kHz)	Vertical frequency(Hz)
720 x 400	31.5	70.1
640 x 480	31.5	59.9
640 X 480	37.9	72.8
800 x 600	37.9	60.3
	46.9	75
	48.4	60
1024 x 768	56.5	70.1
	60	75

- Recommended Resolution is 640x480@75Hz

- Max Resolution is 1024x768@75Hz

- HQL170WR

Resolution	Horizontal frequency(kHz)	Vertical frequency(Hz)
720 x 400	31.5	70.1
640 x 480	31.5	59.9
	37.9	72.8
800 x 600	37.9	60.3
	46.9	75
1024 x 768	48.4	60
	56.5	70.1
	60	75
1280 x 768	47.7	60

- Recommended Resolution is 1280x768@60Hz

- Max Resolution is 1280x768@60Hz

TIP

### **Picture Setup**

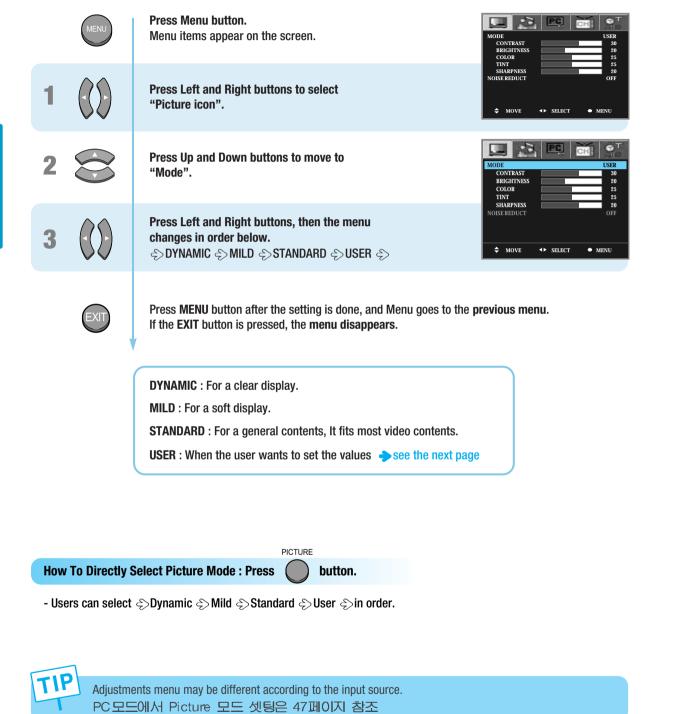
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How to Set the Desired Picture	34
How to Set Noise Reduction	35
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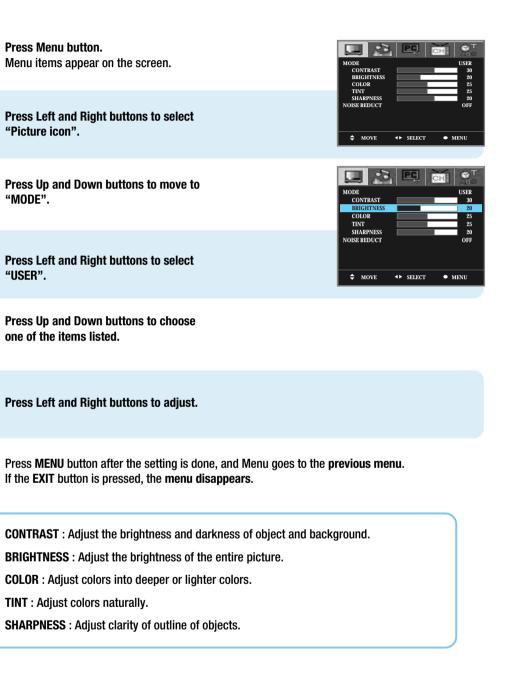
### How to Select the Picture Mode

Users can adjust picture mode automatically according to the input mode(TV, Video, S-Video, Component).



### How to Set the Desired Picture

Users can manually adjust the picture in their own ways.





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EXIT

COLOR, TINT, SHARPNESS is not applied to PC, Component mode.

33

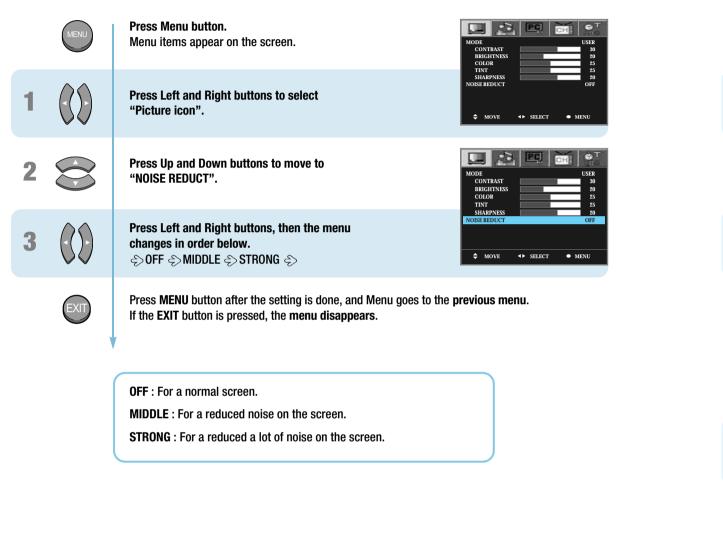
**PICTURE SETUP** 



PICTURE SETUP

### How to Set Noise Reduction

Noise Reduction is to eliminate some noise on the screen and It is not applied to Component and PC mode.



TIP

In the noise reduction, the more you reduce the screen noise, the more sharpness level of the picture may become degrade.

### How to Set PIP [Mode]

- You can watch another device's image in the PIP while watching the main image.

You will see the PIP at the upper left corner.

Press the PIP button, then position

⇔Left Up ⇔Right Up ⇔Right Down

- This function is available only with the remote control.

Press the PIP button.

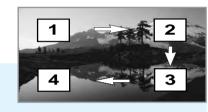
changes in order below.

To deselect PIP function,

Press EXIT button.

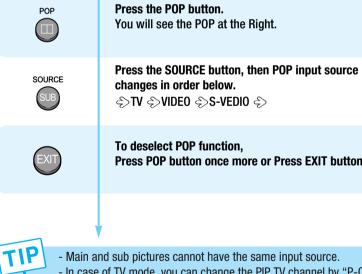


နှLeft Down နှOFF နှ Press the SOURCE button, then PIP input source changes in order below. ⇔TV ⇒VIDEO ⇒S-VEDIO ⇒



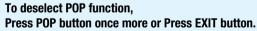
### How to Set POP [Mode]

- You can watch another device's image in the POP while watching TV, VIDEO, S-VIDEO mode in the main image. - This function is available only with the remote control.



changes in order below. € TV € VIDEO E S-VEDIO E





- Main and sub pictures cannot have the same input source. - In case of TV mode, you can change the PIP TV channel by "P-CHANNEL" Button. - In case of TV mode, you can change the POP TV channel by "P-CHANNEL" Button.

### How to Set Multi [Mode]

- You can watch another device's image in the MULTI while watching TV, VIDEO, S-VIDEO mode in the main image. - This function is available only with the remote control.

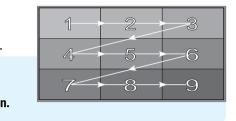


EXIT

TIP

Press the MULTI button.

You will see the Multi screen of nine screens. 연속동작을 9단계로 순차적으로 볼 수 있습니다.



To deselect Multi function, Press MULTI button once more or Press EXIT button.

- In case of TV mode, you can change the multi TV channel. - You cannot change the multi input source.

#### **Supported PIP Table**

**PIP** :  $0 \rightarrow$  Supported,  $X \rightarrow$  Not Supporte

Main Sub	TV	Video	S-Video	Component	PC
TV	Х	0	0	0	0
Video	0	Х	0	0	0
S-Video	0	0	Х	0	0
Component	Х	Х	Х	Х	Х
PC	Х	Х	Х	Х	Х

### **Supported POP Table**

PIP :  $0 \rightarrow$  Supported,  $X \rightarrow$  Not Supporte

Main Sub	т	Video	S-Video	Component	PC
ти	Х	0	0	Х	Х
Video	0	х	0	Х	Х
S-Video	0	0	Х	Х	Х
Component	х	Х	Х	Х	х
PC	Х	Х	Х	Х	Х

TIP

STILL

- PIP, POP, MULTI 기능은 전원 ON/OFF시 기억되지 않습니다.

- PIP, POP, MULTI 기능 동작시 V-CHIP기능은 지원되지 않으며 V-CHIP이 동작중에는 PIP, POP, MULTI기능은 지원되지 않습니다. - PIP, POP, MULTI 기능 동작시 CLOSED CAPTION 기능은 지원되지 않습니다.
- 주화면이 PC/COMPONENT 입력모드일때 POP기능은 지원되지 않습니다.
- PIP, POP 기능에서 PC/COMPONENT입력모드는 부화면으로 사용할 수 없습니다.
- PC/COMPONENT입력모드에서는 MULTI 기능은 지원되지 않습니다.
- MULTI 기능 동작시 STILL기능은 지원되지 않습니다.
- PIP기능시 부화면의 사이즈는 변경되지 않습니다.
- SWAP기능은 지원하지 않습니다.

### **How to Freeze Picture**

The user can temporarily stop the playing picture.

#### Press Still button. Playing picture is stopped.

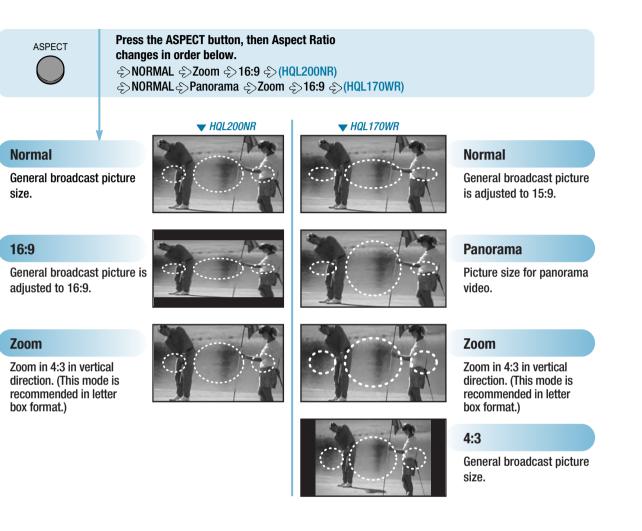
\* In PIP/POP mode, the main picture stops.

To deselect Still function. Press Still button once more. PICTURE SETUP

### **How to Select the Aspect Ratio**

- Users can adjust Aspect Ratio as users want.

- This function is available only with the remote control.





This function is available only in TV, VIDEO, S-VIDEO mode. This function is not available in PIP, POP, MULTI mode.

### Audio Setup

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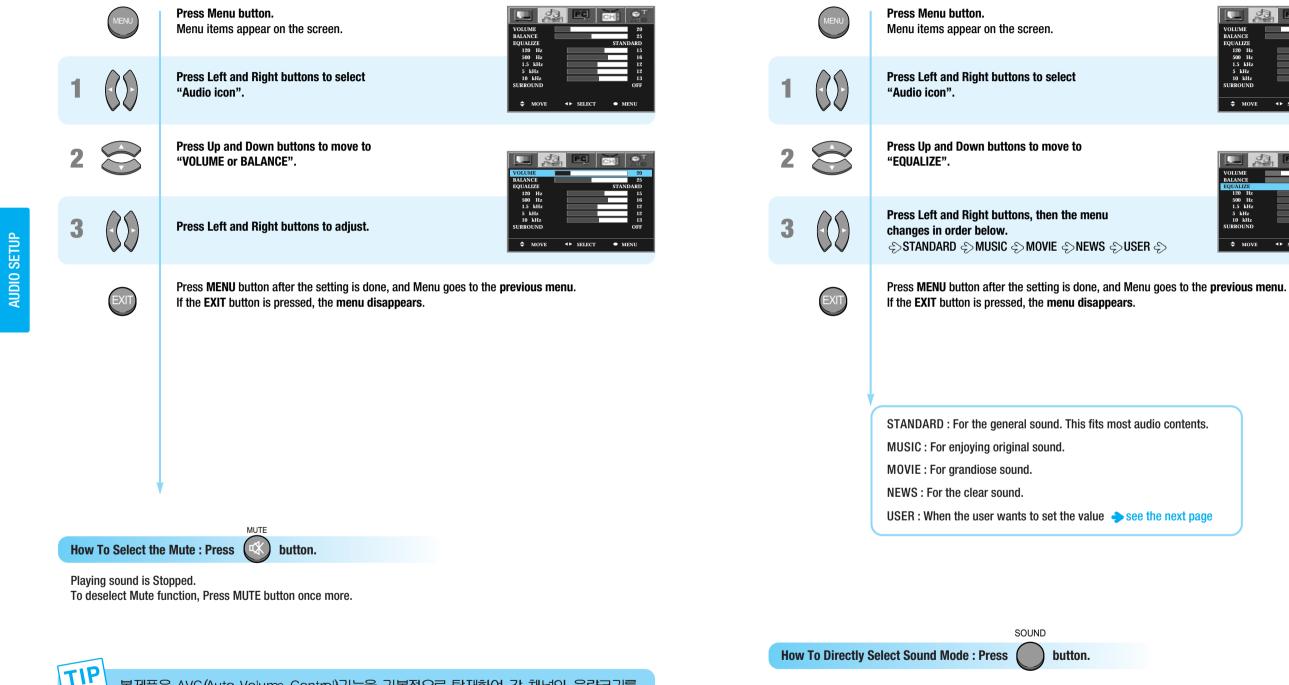
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### How to Select the Volume, Balance and Mute

- Users can adjust the volume and Balance of left and right speakers.



# ♦► SELECT

MUSIC : For enjoying original sound. MOVIE : For grandiose sound. NEWS : For the clear sound.

USER : When the user wants to set the value  $\rightarrow$  see the next page

SOUND How To Directly Select Sound Mode : Press button.

How to Set the Audio Mode(Equalize)

Users can adjust sound mode automatically as users want.

Users can select  $rac{1}{2}$  STANDARD  $rac{1}{2}$  MUSIC  $rac{1}{2}$  MOVIE  $rac{1}{2}$  NEWS  $rac{1}{2}$  USER  $rac{1}{2}$  in order.

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본제품은 AVC (Auto Volume Control)기능을 기본적으로 탑재하여 각 채널의 음량크기를 자동적으로 비슷하게 조절해 줍니다.

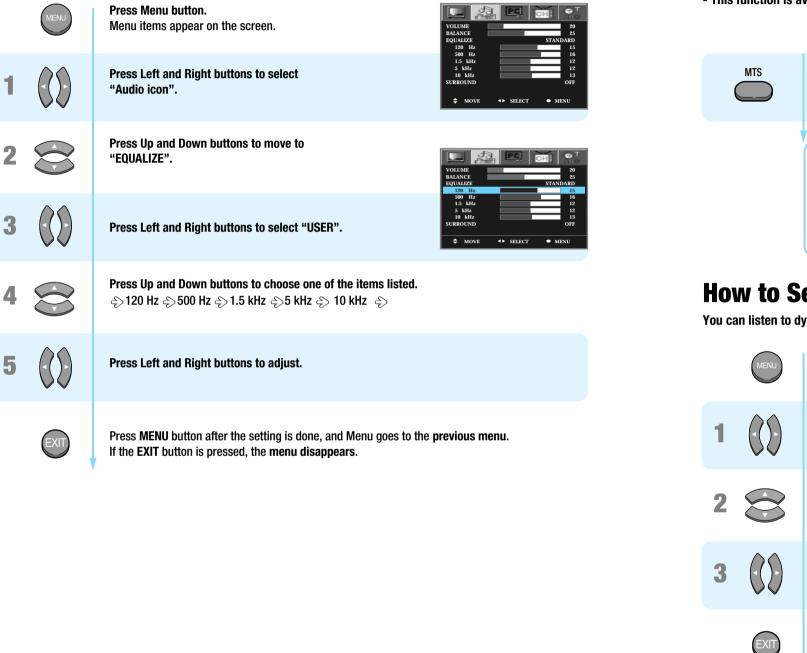


AUDIO SETUP

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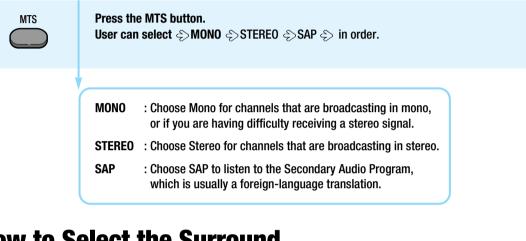
### How to Set the Desired Audio

Users can manually adjust the sound in thier own ways.



### How to Listen to Stereo Sound / SAP

- Depending on the particular program being broadcast, you can listen to stereo, mono, or a Secondary Audio Program. (SAP audio is usually a foreign-language translation. Sometimes SAP has unrelated information like news or weather.)
- This function is available only with the remote control.



### How to Select the Surround

You can listen to dynamic and surround sound only with ordinary speaker.

Press Menu button. Menu items appear on the screen.

- Press Left and Right buttons to select "Audio icon".
- Press Up and Down buttons to move to
- "SURROUND".
- ♦► SELECT

♦ SELECT

Press Left and Right buttons to select "ON/OFF".

Press MENU button after the setting is done, and Menu goes to the previous menu. If the EXIT button is pressed, the menu disappears.

-

PC Setup

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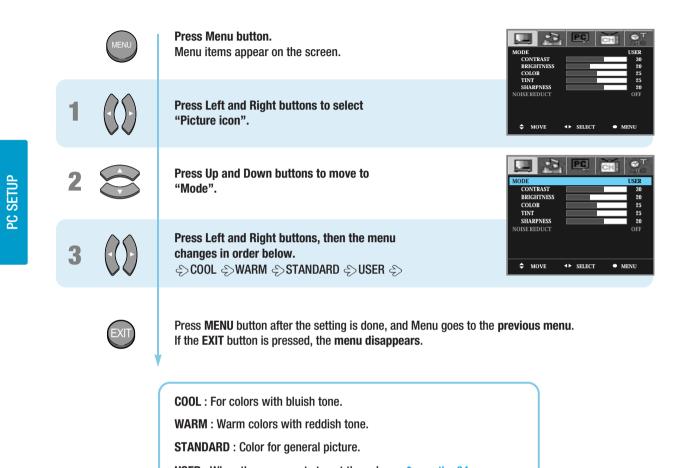
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#### HYUNDAI LCD TV HQL170WR/200NR

### How to Select the Color Mode

This function is available only with the PC mode.



USER : When the user wants to set the values *see the 34 page* 

How To Directly Select Picture Mode : Press button.

- Users can select 2 Cool 2 Warm 2 Standard 2 User 2, when the input mode is PC mode.

### How to Select the Auto Adjust

Press Menu button.

- Horizontal/Vertical positions are automatically adjusted.
- This function is available only with the PC mode.



EXIT

Press Left and Right buttons to select "PC icon".

Menu items appear on the screen.

Press Up and Down buttons to move to "Auto Adjust".

Press Left and Right buttons to "Auto Adjust", then it will be adjusted the screen.



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Press **MENU** button after the setting is done, and Menu goes to the **previous menu**. If the **EXIT** button is pressed, the **menu disappears**.



### How to Set the Geometry

- This is reduct image retenion and noise.

- This function is available only with the PC mode.

"PC icon".

Press Menu button.

Menu items appear on the screen.

Press Left and Right buttons to select



EXIT

3

Press Up and Down buttons to choose one of the items listed.



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♦ MOVE ◀► SELECT ● MENU

Press Left and Right buttons to adjust.

Press **MENU** button after the setting is done, and Menu goes to the **previous menu**. If the **EXIT** button is pressed, the **menu disappears**.

H-SIZE : To adjust the horizontal size of the picture.

**H-POSITION** : To adjust the horizontal position of the picture.

 $\ensuremath{\textbf{V-POSITION}}$  : To adjust the vertical position of the picture.

FINE TUNE : To adjust to eliminate the shake of picture.

**SMOOTING** : To change viewing point at high resolution(Upper VGA)

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HYUNDAI LCD COLOR TV

### **Channel Setup**

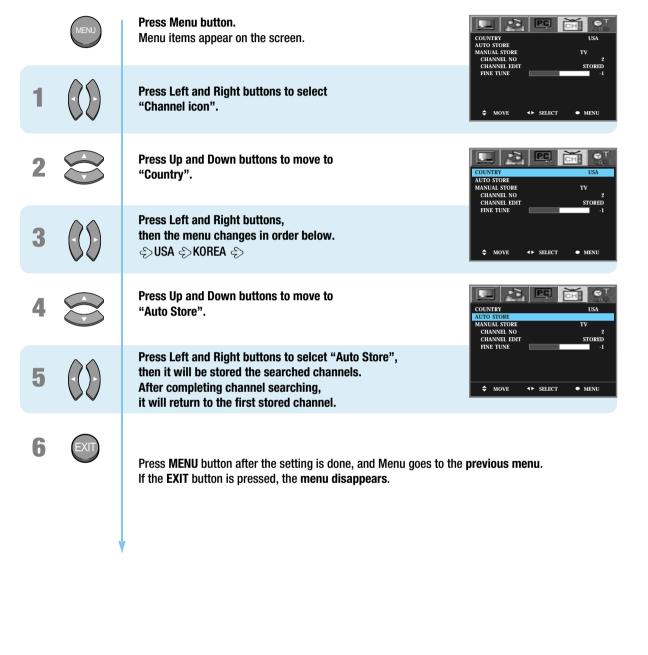
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M.S.

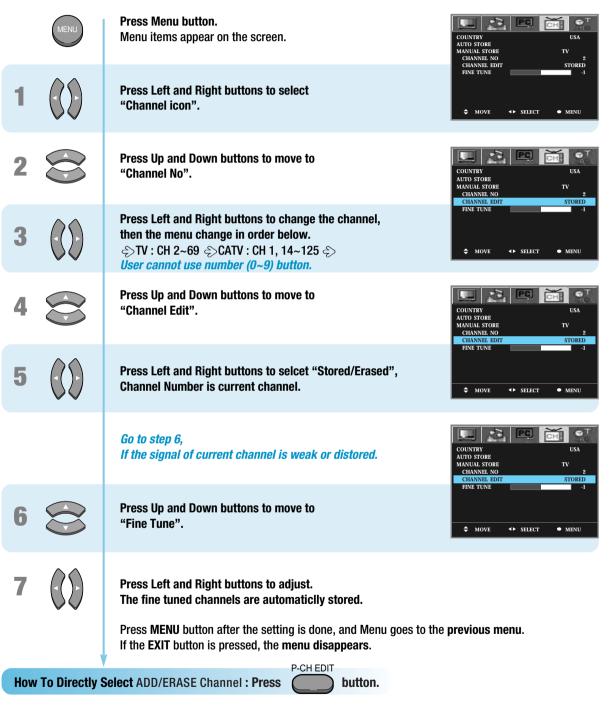
### **How to Store Channel Automatically**

When you start using your TV for the first time, you must select your country to auto store.
You can scan channels available to you automatically.



### **How to Set Manual Store**

This function allows you to manually add or delete the desired channels while watching a program. If the signal is weak or distored, you may have to fine tune the channel manually.



The selection will switch whenever you press the Add/Delete button on the remote control.

If you press the MENU button in the middle of Auto Store, the first stored channel will be displayed, and the Auto Store stops.

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**CHANNEL SETUP**