

20"

LCD TV

User's Manual

English


Notices :

- 1* Please read this manual cautiously and completely before operating your LCD TV.
 - 2* Please kindly reserve this user's manual because you may need it in the near future.
 - 3* Please record the LCD TV's model number and serial numbers in the following blanks.
- * You can find the model No. on the label attached on the back of the LCD TV and quote this information to your dealer when you require service.

Model number: _____

Serial number : _____

— Important Safety Instructions —

- 1* Read these instructions.
 - 2* Keep these instructions.
 - 3* Heed all warnings.
 - 4* Follow all instructions.
 - 5* Do not use this apparatus near water.
 - 6* Clean only with dry cloth.
 - 7* Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
 - 8* Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
 - 9* 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 provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
 - 10* Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
 - 11* Only use attachments/accessories specified by the manufacturer.
 - 12* Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 
- 13* Unplug this apparatus during lightning storms or when unused for long periods of time.
 - 14* Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
 - 15* Apparatus shall not be exposed to dripping or splashing and no objects fill with liquids, such as vases, shall be placed on the apparatus.
 - 16* To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.
 - 17* The readily operable appliance coupler will serve as the disconnect device of this apparatus.
 - 18* The apparatus must be connected to a mains socket outlet with a protected earthing connection.
 - 19* Keep 10cm minimum distance around the apparatus for sufficient ventilation.
 - 20* Spent or discharged batteries must be recycled or disposed of properly in compliance with all applicable laws. For detailed information, contact your local county solid waste authority.



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



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

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

Maintenance

If any of following occurs, unplug the LCD TV and contact your distributor or qualified technician to repair the LCD TV:

- 1 The power cord or plug is damaged.
- 2 Liquid enters the LCD TV.
- 3 LCD TV is damp or wet.
- 4 LCD TV is damaged.
- 5 LCD TV malfunctions.

Note: DO NOT attempt to repair the LCD TV by yourself. There are high voltages inside the cabinet which poses a risk of electric shock.

Changing parts

If the LCD TV requires new parts, ask the technician for written proof the new parts are specified by the manufacturer and function are the same as the original parts.

Safety inspection

After the LCD TV is repaired, be sure to ask the technician (in accordance with the manufacturer's requirements) to conduct a routine safety inspection to make sure the LCD TV is safe. If the LCD TV has been used longer than its life, please contact qualified technician for repair.

User's record

You can find the serial number and model on the back of the LCD TV. Be sure to provide the model and serial number when you contact your distributor.

Note: Please read and comply with all warnings, cautions, and instructions in the manual thoroughly. Failing to do so may void your warranty. Modifying the LCD TV in such a manner not approved by this manual will also void your warranty.

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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 reception, 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*

Caution: To comply with the limits for an FCC Class B computing device, always use the signal cord and power cord supplied with this unit. The Federal Communications Commission warns that changes or modifications to the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

European Notice

Products with the CE Marking comply with both the EMC Directive (89/336/EEC), (93/68/EEC) and the Low Voltage Directive (73/23/EEC) issued by the Commission of the European Community.

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— 1 Introduction —

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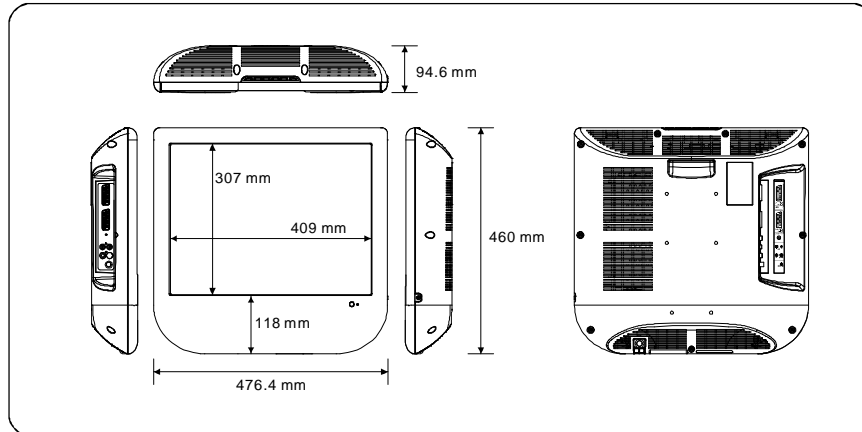
1-1 Before Use

Please you go through our brief specification as below to get a understanding about our LCD TV basic feature and connectivity before you use our LCD TV to watch TV or other video source. When you skimmed through this page, I think it will bring you to know about our product specification and if you want to know more about how to adjust our TV and how to link up which equipment can completely maximize our LCD TV's performance. Please keep going to read the following pages. At last after you have finished reading the instructions, put the away in a safe place for future reference.

1-2 Specifications

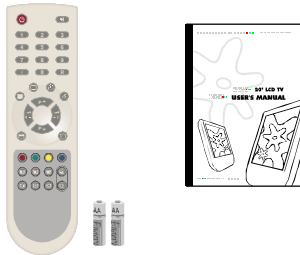
Display panel	Screen Size	408 (H) x 306 (V)
	Aspect Ratio	4 : 3
	Pixel Pitch	0.2125(H) x 0.6375(V) mm
	Number of Pixels	640 x R.G.B. x 480
	Luminance	450 nits (typ.) / 400 nits (min.)
	Contrast Ratio	400 : 1 (typ.) / 300 : 1 (min.)
	Response time (typ.)	16 ms
	Viewing angles (typ.)	150° (H) / 130° (V)
Tuner	Colour system	PAL, SECAM
	Audio system	B/G, D/K, I, L/L'
Video	Colour system	PAL, SECAM, NTSC
	Video system	CUBS, S-VHS, RGB
SCART 1	RGB In	0.7 Vp.p @ 75 Ohm
	Video In	1.0 Vp.p @ 75 Ohm
	Audio In/Out	500 m V Rms
	TV Out	1.0 Vp.p @ 75 Ohm
SCART 2	RGB In	0.7 Vp.p @ 75 Ohm
	Video In/Out	1.0 Vp.p @ 75 Ohm
	Audio In/Out	500 m V Rms
Audio Output	Built-in speaker	3W x 2
	Headphone	3.5 mm Jack x 1
Regulation	Safety / EMC	UL/cUL, TUV-GS, FCC, CE, BSMI
	Accessories	Remote control / Batteries / User Manual
Temperature	Operation	0°C 0% ~ 40°C 90%
	Stock	-20°C 10% ~ 60°C 90%

Dimensional Overview



1-3 Package Contents

- Since the glass can be easily scratched or broken, please handle the product gently. Never place the unit on a surface with the glass facing downwards unless it is on protective padding.
- When opening the carton, please check the product is in good condition and all standard accessories and items are included. (Remote control and two AAA batteries; LCD TV user manual)



IMPORTANT: Save the original box and all the packing material for future shipping needs.

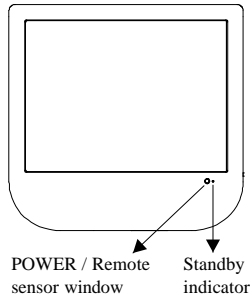
NOTE:

1. In some regions or countries, even though power outlets' shapes are totally different from their explanatory drawings, their connectivity and operation methods are all the same.
2. Depending on your purchasing region we will put required accessories inside our product accessory box for our users use/connecting.

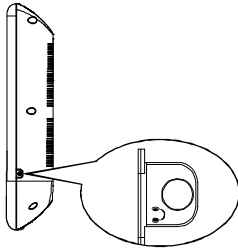
1-4 Installation


- Please read the user manual carefully before performing the installation.
- The power consumption of the display is approximately 75 watts. When an extension cord is required, use one with the correct power rating. The cord must be grounded and the grounding feature must not be defeated.
- The product should be installed on a flat surface to avoid tipping. Space should be maintained between the back of the product and the wall for proper ventilation. If you would like mount the TV to the wall, please see [Preparing the LCD for Wall Mounting](#), for additional information.
- Avoid installing the product in the kitchen, bathroom or other place with high temperature or high humidity dust or smoke, so as not to shorten the service life of the electronic components.
- Please ensure the product is installed with the screen in landscape orientation. Any 90° clockwise or counterclockwise installation may induce poor ventilation and successive component damage.

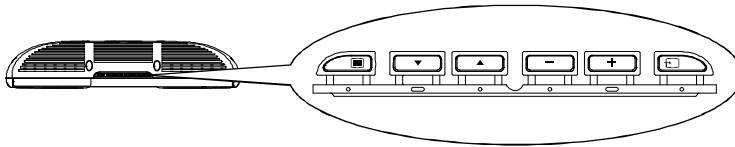
1-5 Front panel controls



Button	Description
POWER / Remote sensor window	<p>Use this button to switch the LCD-TV between on and standby modes.</p> <p>The power indicator will glow green when the power is on.</p> <p>The power indicator will glow red when the LCD-TV is in standby.</p> <p>The power indicator will not glow if the power cord is unplugged.</p>



Headphone Connector	Color Code	Description
 Headphone	Green	For connecting the earphone.

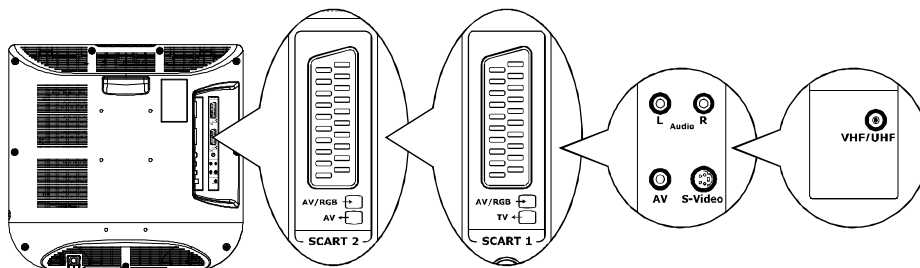


Button	Description
MENU	Use this button to display and adjust the software-controlled features of this LCD-TV.
PROGRAM FUNCTION	Use these two buttons to switch between preprogrammed channels. When the OSD MENU was turn ON, use these to switch between functions to adjust.
VOLUME ADJUST	Use these two buttons to make the sound softer and louder. When the OSD MENU was turn ON, use these to adjust the particular value of a function.
SOURCE	Use this button to change between video input signals. Press the SOURCE button repeatedly to scroll through the following list of inputs: TV, VIDEO, SCART 1, SCART 2.

NOTE:

As long as either button or button is pressed whatever the inputted source from a video source to your LCD set, It will immediately turns to TV inputted source to display image on the screen.

1-6 Back panel connections



Video Connectors		Color Code	Description
Scart 1		Black	Use this connectors to attach the decoder or other audiovisual equipment.
Scart 2		Black	Use this connectors to attach the VCR recorder or other audiovisual equipment.
Video Input			S-Video: 1 DIN, 2 RCA jacks. S-Video is superior to Composite Video but not as good as Component. AV: 3 RCA jacks. Use the composite video cable to attach a popular device such as a VCR or game console.
Left-Audio	Right-Audio	White Red	
AV	S-Video	Yellow Black	

**NOTE:**

Video inputs share the same AUDIO- In socket(R/L) with S-Video on our LCD TV sets. To prevent malfunction, do not use "Video in" and "S-Video" at the same time on the same socket.

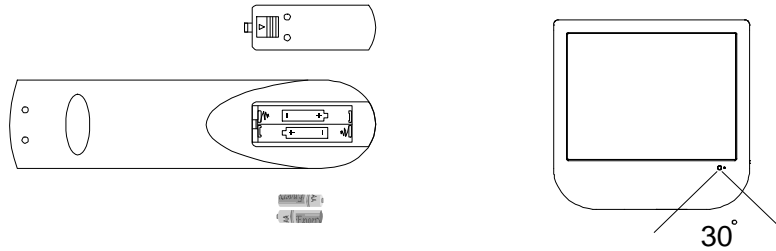
In our interior detection program, we setup the S-Video input terminal as a top priority over the AV input terminal. Only S-Video output will be seen with this kind of connection.

Antenna input Connector	Color Code	Description
VHF / UHF Input	Silver	Attach your TV antenna or analog cable service here. (75ohm coaxial cable with F-type connector)

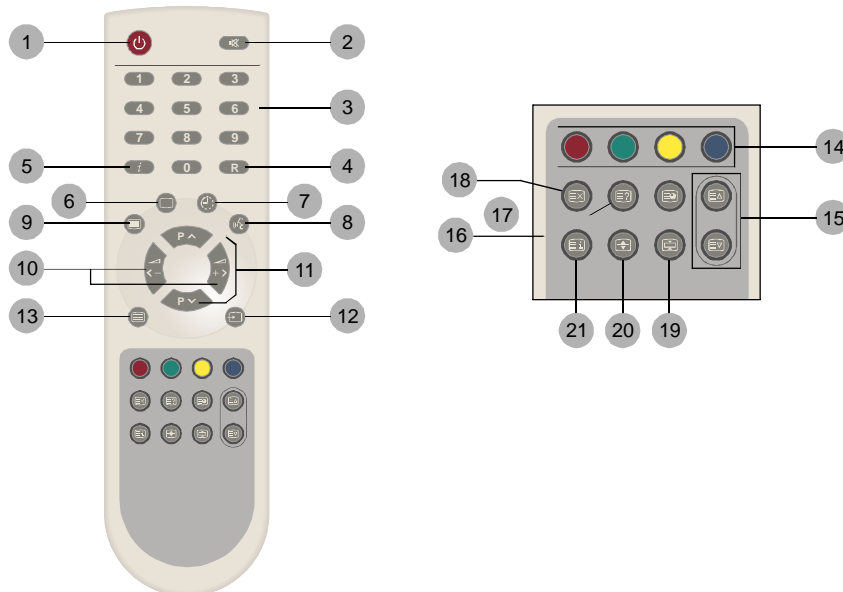
1-7 Remote control

1-7-1 Inserting batteries and effective range of the remote









Remove the back cover to reveal the battery compartment and make sure the batteries are inserted the right way round. Suitable battery types for this remote are UM-4, AAA, IEC R03 1.5V. Do not combine a used, old battery with a new one or mix battery types. Remove dead batteries immediately to prevent acid from leaking into the battery compartment. Dispose of them in a designated disposal area. The performance of the remote control will deteriorate beyond a distance of five meters or outside an angle of 30 degrees from the centre of the television.


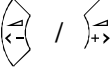




1-7-2 Remote Control Button Description














The index number corresponds to the callout number for each button depicted in the illustration.

TV FUNCTION		
Index	Button	Description
1	 Power	Use this button to switch the LCD-TV between on and standby modes. The power indicator will glow green when the power is on. The power indicator will glow red when the LCD-TV is in standby.
2	 Mute	Use this button to turn the volume off completely.
3	Number Button Pad	Press two digits for channels 01 through 99.
4	R (Return)	Use this button to see the previous channel.
5	<i>i</i>	Turns the on screen information display on.
6	 Pic-mode	Press this button to select from among 5 user situation modes. < Standard → Nature → High bright → Cinema → User >
7	 Sleep	The SLEEP feature is used to automatically shut off this LCD-TV after a preset period of time has passed. Press the SLEEP button repeatedly to select 0, 30, 60, 90 or 120 minutes. < OFF → 30 minutes → 60 minutes → 90 minutes → 120 minutes → OFF >
8	 Audio	When receiving a stereo signal. Each time you press "  ", the audio mode switches between Stereo and Mono. When receiving a bilingual. Each time you press "  ", the audio mode switches between Mono, Dual, and Dual 2. When receiving a monaural. When you press "  ", "Mono" displays.

OSD FUNCTION		
Index	Button	Description
9	 Menu	Press this button to activate the OSD menu. To exit, press the button again.
10	 (Volume)	Press these buttons to Adjust volume up/down. When OSD menu had turned on. These buttons will be became to < > for OSD to change direction to adjust the value and confirm your selection.
11	 (Channel)	Press these buttons to Select channel up/down. When OSD menu had turned on. These buttons will be became to ^ v for OSD to change direction to select item you want to adjust.
12	 Source	Use this button to choose the video input sources: <TV → Video → Scart 1 → Scart 2 → TV >

NOTE:

As long as either  button or  button is pressed whatever the inputted source from a video source to your LCD set, It will immediately skip back to TV inputted source to display image on the screen.

ADDITION FUNCTION		
Index	Button	Description
13	 Teletext	Press this button to activate Teletext. Press again to mix Teletext with TV.
14	Colour (Red/Green/ Yellow/Blue)	When the Teletext is turned on. You can select the pages displayed in the coloured brackets at the button of the screen by pressing the corresponding colour (R/G/Y/B) on the remote control.
15	  Page Up/Page Down	Press these buttons to select next page or previous page.
16	 Subpage	Press this button to reveal the secondary page by entering its 4-digit number. (when available)
17	 Reveal	Press this button to reveal hidden information such as answers to a quiz.
18	 Presets	Press this button to store your favorite Teletext pager in memory and recall them quickly by using the colour button.
19	 Hold	Press this button to hold the scrolling of text pages.
20	 Size	Press this button to change the font size: Full screen, Upper screen, Lower Screen.
21	 Index	Press this button to display the main index. (usually P.100)



[Caution]

- **The remote control should be kept dry and away from heat sources. Avoid humidity.**
- **If the display responds erratically to the remote control or does not respond at all, check the batteries. If the batteries are low or exhausted, replace them with fresh batteries.**
- **When not using the remote control for a long period of time, remove the batteries.**
- **Do not take apart the batteries, heat them, or throw them into a fire.**
- **Do not subject the remote control to undue physical stress, such as striking or dropping it.**
- **Do not attempt to clean the remote control with a volatile solvent. Wipe it with a clean, damp cloth.**

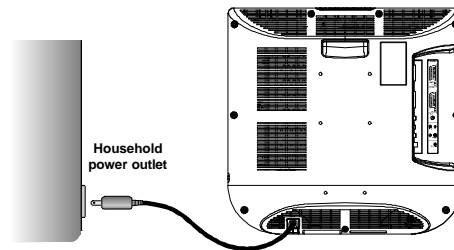
— 2 Equipment Connections and Setup 20" LCD TV User's Manual

2-1 Power Connection

Plug the power cord into an AC wall socket.

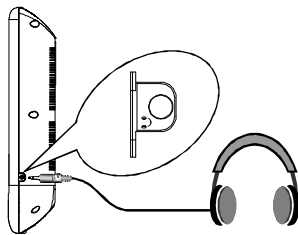


Turn off your LCD TV and unplug the power cord when not used for a long period of time.



2-2 Connecting with Headphone

Plug the headphone mini-plug into the headphone jack location on the right side of the set.

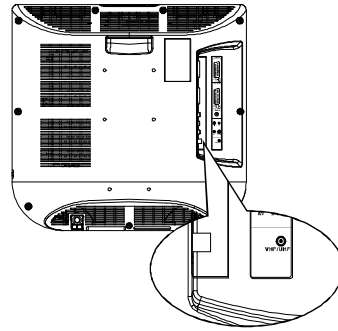
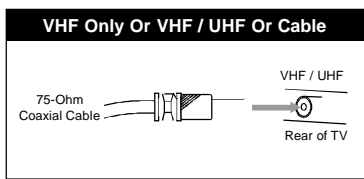


NOTE:

1. The headphone is not included in the supplied accessories.
2. No sound will be heard from the main unit speakers when connecting the headphone set.

2-3 Antenna Connections

To enjoy a clearer picture, use an outdoor antenna. The following is a brief explanation of connecting to an antenna with a coaxial cable.



Antenna cables - commercially available. If your outdoor antenna uses a 75-Ohm coaxial cable with a standard DIN 45325 plug (IEC 169-2), Plug it into the IN terminal at the rear of the TV.



NOTE:

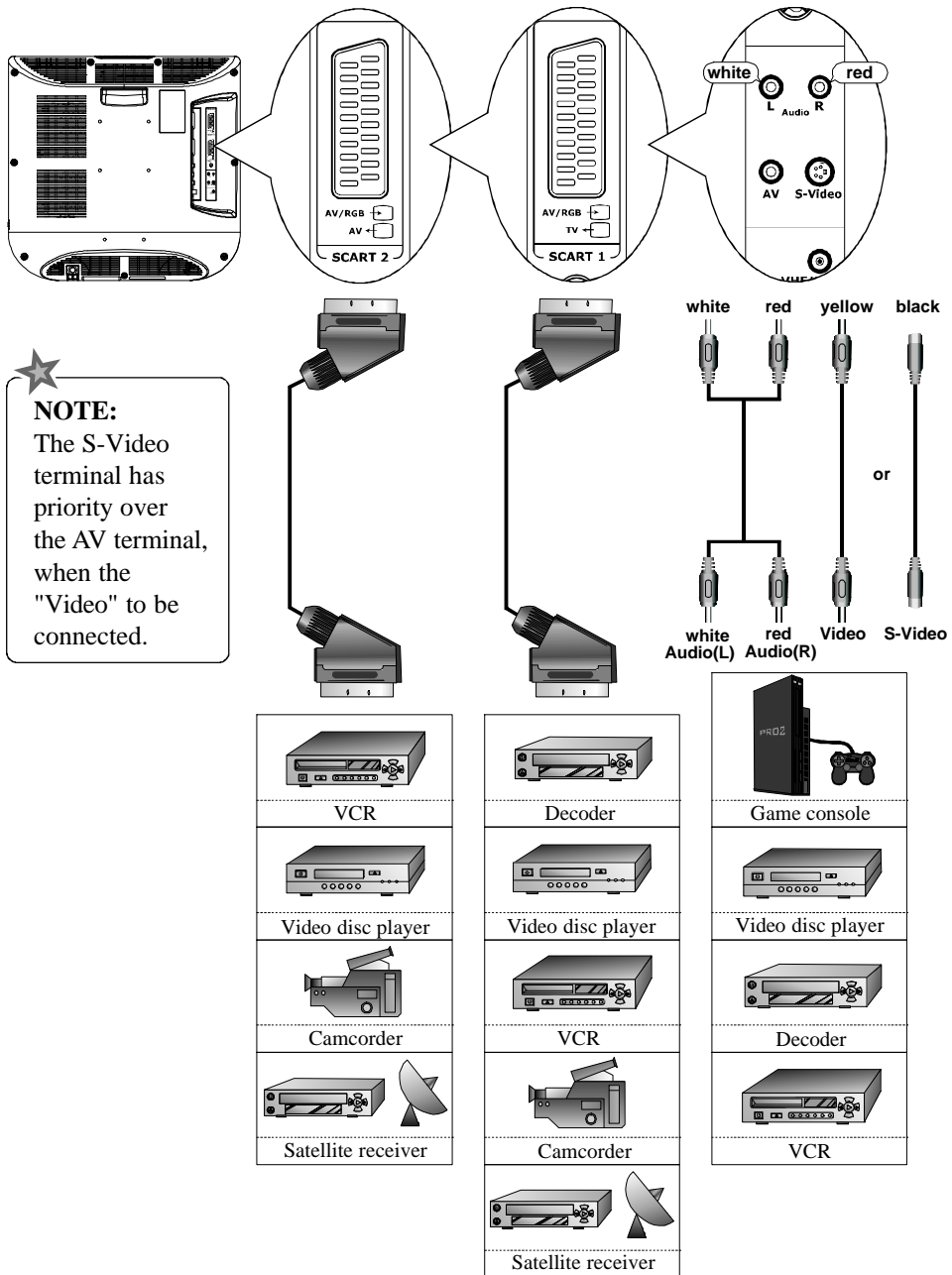
Consult the Dealer or Service Center for the type of splitter, RF switch or combiner that might be required.



NOTE:

To watch TV program, please see "Section 3.1 Turning on your LCD TV and watching a TV program" on page 14.





2-4 Connecting Other Components

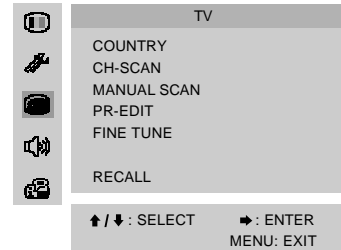


— 3 Basic operation and Adjustment

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3-1 Turning on your LCD TV & Watching a TV program

- 1 Press the  button to turn on the LCD TV.
- 2 Press the  button and select TV source.
- 3 Press the  button and choose OSD to TV mode.
- 4 Use "Country" to choose your living country.
(If your country or city is not in the list, please choose the "other")
- 5 Use "CH SCAN" function to automatically search and add all TV channels to the channel list. (This will take a few minute, the tuning process will find all available channels.) The "PR-EDIT" will display on the screen when the "CH SCAN" finalized. You can edit the program list now (Please see P.19) or press  button to watch TV.




IMPORTANT:

If no picture situation displayed on the screen after powered on your set. Please you check the following conditions are ok or not.

- 1 Please check to see whether or not the video cable that connected from your video equipment to your set is plugged firmly and without any miss-plugged?
- 2 Please you make sure whether or not this display source is the very one you selected correctly by switching the  button?

If above two conditions all have been done and without any other miss-plugged or miss-switching circumstance occurred after you checked, please you directly contact with your local dealer for further after-service assistance.

3-2 Using the On Screen Display (OSD)













General end users can directly press the  button to switch the input source and know about presently what input source linking up with their sets by the source information indication that appeared on the left top of the screen.

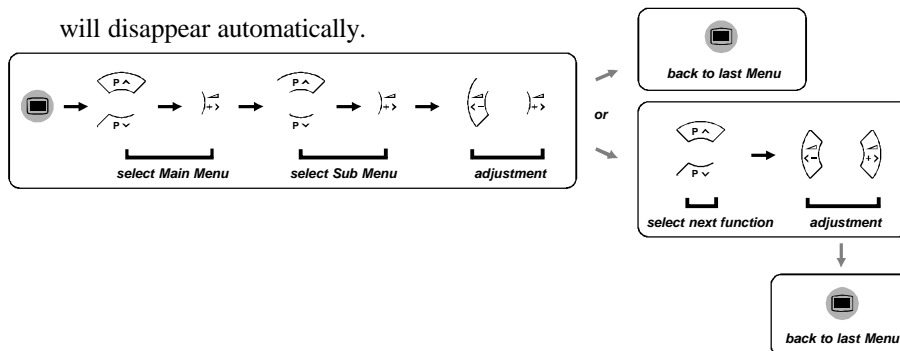
After selecting the system mode, you can use OSD menu to adjust your LCD TV and the LCD TV will save your settings, even if you turn off the television.

3-2-1 OSD main menu contents & OSD switch loop

By and large, our OSD menu mainly includes 5 main menus for users select and adjustment. These 5 main menus of our OSD menu are respectively DISPLAY, ADVANCED, TV, AUDIO and SYSTEM and so on. What is more, These 5 main menus also include some adjustment functions inside their sub menus. With a view to mastering your set quickly, we suggest that our end users need to spend their time in studying this user manual cautiously and completely.

Each adjustment function of the each sub menu inside each one of above 5 main menus is clearly and evidently illustrated on our user manual. Please you refer to our illustrations to practically manipulate your set and you will understand how to switch our OSD menu and each function adjustment hint.

- 1 Press the  button and the Main Menu will be displayed on the screen.
- 2 Press the  /  button to select the menu you want.
Press the  button.
- 3 Press the  /  button to select a menu option and then press the  button.
- 4 Press the  /  buttons to make appropriate adjustments.
(You can Press the  /  buttons to select other items)
- 5 Press the  button to exit or after 30 seconds the OSD screen will disappear automatically.



NOTE:
Items in gray cannot be selected and adjusted.

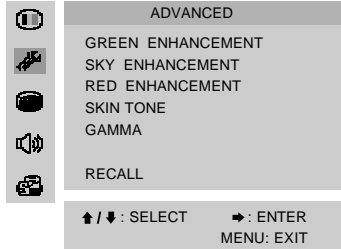
3-2-2 OSD Instruction

With a view to assuring our end users' LCD sets working normally and maximize their display performance without any other artificial maladjustment when our end users adjusted our OSD menu. Please read our user manual cautiously firstly and it will help you to understand some adjustment hints and make you clear about how to fine-tune your set up to high display performance.

3-2-2-1 DISPLAY

IMPORTANT:
Adjust the screen with the "Pic-mode" into "USER" function to use the "DISPLAY" function.

CONTRAST	Adjust to increase picture contrast and deepen the color, or decrease picture contrast and soften the color.
BRIGHTNESS	Adjust to brighten or darken the picture.
SHARPNESS	Adjust to sharpen or soften the picture.
COLOR	Adjust to increase or decrease color intensity.
RECALL	Resets all settings to the factory default.

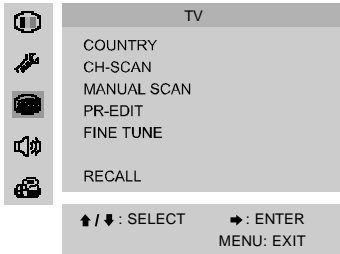
3-2-2-2 ADVANCED

GREEN ENHANCEMENT	Select to give the white colors a neutral tint.
SKY ENHANCEMENT	Select to give the white colors a blue tint.
RED ENHANCEMENT	Select to give the white colors a red tint
SKIN TONE	Use this function to choose the favorite skin color.
GAMMA	Changes the color space.
RECALL	Resets all settings to the factory default.

**IMPORTANT:**














Adjust the screen with the "Pic-mode" into "USER" function to use the "ADVANCED" function.

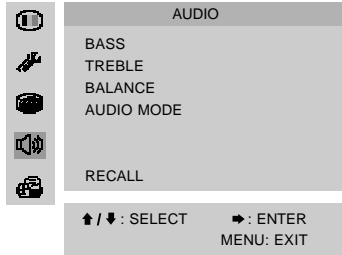
3-2-2-3 TV



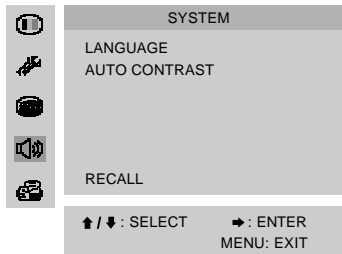
★ IMPORTANT:
Available for TV input source only.

COUNTRY	Use this function to select the country of you inhabit.						
CH-SCAN	Use this function to automatically search and all TV channels to channel list.						
MANUAL SCAN	<p>Press the button to enter the manual scan table. You can use the following item to search and edit the TV channel.</p> <div style="border: 1px solid gray; padding: 5px; width: fit-content;"> <p>SEARCH ◀ 471.25MHz ▶ CHANNEL ◀ C21 ▶ SYSTEM ◀ PAL-BG ▶ PROG NO ◀ P21 ABCDE ▶ SAVE ◀ EXECUTE ▶</p> <p>↑/↓ : SELECT ←/→ : ADJUST MENU: BACK</p> </div>						
SEARCH	Press the " " button to search TV channel.						
CHANNEL	If you know the number of the channel. Then press the " " " " button to search it.						
SYSTEM	<p>Select the correct display system by pressing the " " " " button.</p> <p>↳ NTSC-M → PAL-BG → PAL-DK → PAL-I → SECAM-BG → SECAM-L → SECAM-DK ↳</p>						
PROG NO	<p>Channel names will be assigned automatically when channel information is broadcast, these names can be changed, allowing you to assign new names.</p> <p>Following to explain how to assign the channel name</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">To change program number, select a letter, number or symbol</td> <td style="width: 50%;">Then press the " " " " button</td> </tr> <tr> <td>move on the next letter,</td> <td>the " " button</td> </tr> <tr> <td>move back the previous letter</td> <td>the " " button</td> </tr> </table> <p>The characters available are: Letters of the alphabet (A, B, C, , Z) Numbers (0, 1, 2, , 9) Special characters (space, +, -, ·, *, /)</p>	To change program number, select a letter, number or symbol	Then press the " " " " button	move on the next letter,	the " " button	move back the previous letter	the " " button
To change program number, select a letter, number or symbol	Then press the " " " " button						
move on the next letter,	the " " button						
move back the previous letter	the " " button						
SAVE	Select "DONE" to save this program.						

PR-EDIT	Press "  " button to turn up the PR-EDIT table.																															
	<table border="1"> <thead> <tr> <th>PROG</th> <th>CH</th> <th>FREQ</th> <th>SYSTEM</th> <th>NAME</th> </tr> </thead> <tbody> <tr> <td>P1</td> <td>C21</td> <td>471</td> <td>PAL-BG</td> <td>AAAAA</td> </tr> <tr> <td>P2</td> <td>C22</td> <td>479</td> <td>PAL-BG</td> <td>BBBBB</td> </tr> <tr> <td>P3</td> <td>C23</td> <td>487</td> <td>PAL-BG</td> <td>CCCCC</td> </tr> <tr> <td>P4</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>P5</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> </tbody> </table> <p>I : SELECT R : ENTER  /  : SELECT  : ENTER MENU: EXIT</p>		PROG	CH	FREQ	SYSTEM	NAME	P1	C21	471	PAL-BG	AAAAA	P2	C22	479	PAL-BG	BBBBB	P3	C23	487	PAL-BG	CCCCC	P4	---	---	---	---	P5	---	---	---	---
	PROG	CH	FREQ	SYSTEM	NAME																											
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	P3	C23	487	PAL-BG	CCCCC																											
P4	---	---	---	---																												
P5	---	---	---	---																												
To	Process																															
Swap two programs.	<ol style="list-style-type: none"> 1. Press "R" button to highlight the channel you wish to change in gray. 2. Use the "  " "  " button to select which program number to switch. 3. Press "R" button again to swap this two program. 																															
Cancel useless program	<ol style="list-style-type: none"> 1. Press "  " "  " to select which program you want to cancel. 2. Use "i" button to cancel it. 																															
Edit program	<ol style="list-style-type: none"> 1. Press "  " "  " to select which program you want to edit. 2. Use "  " button to enter the "Manual Scan" table. 3. Follow Manual Scan process to edit. (please see P.18) 4. Press "  " button to back to PR-EDIT table. 																															
Quit PR-EDIT table	Press "  " button to back to previous menu.																															
FINE TUNE	Manually adjust the frequency for variation of each channels to get better image quality, but it will be fixed the frequency after adjustment unless re-scan.																															

3-2-2-4 AUDIO

BASS	Adjusts the volume of bass.
TREBLE	Adjusts the volume of treble.
BALANCE	Adjusts the balance of left and right sound channels.
AUDIO MODE	Select the audio situation <input type="text" value="OFF → Loudness → Surround → Loudness/Surround"/>
RECALL	Resets all settings to the factory default.

3-2-2-5 SYSTEM

LANGUAGE	Changes the language of the OSD menu. Options include English, Deutsch, Français, Español, Italiano, РУССКИЙ, 简体中文, 繁體中文
AUTO CONTRAST	Use this function, the LCD will to adjust the contrast automatically, when there are obvious change in picture.
RECALL	Resets all settings to the factory default.





— 4 Other Information

20" LCD TV User's Manual

4-1 Troubleshooting

If your LCD set fails to display abruptly, you can directly refer to our recommendation troubleshooting hints as below to find out its exactly defected root cause and restore its display performance completely.

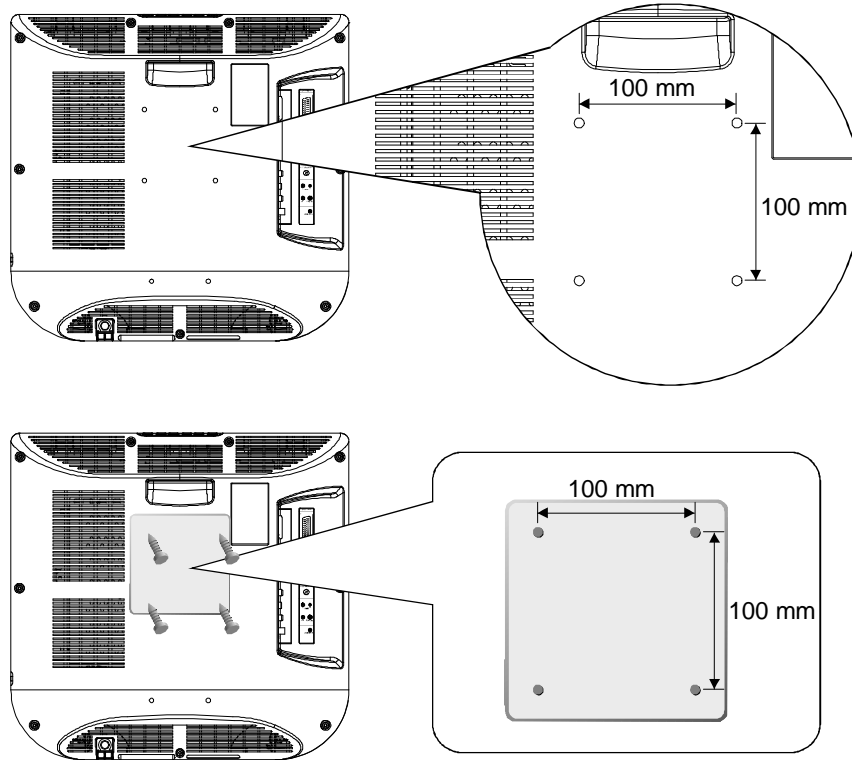
But if the anomalous circumstance you met has not been solved yet after you followed up our hints, we suggest that you had better to contact with your dealers for further after service assistance.

Problem	Check item
There is no any power.	Make sure AC power cord is securely connected to the AC socket. Make sure the DC power button is ON (Green LED).
There is no any sound.	Check your audio connection. Press  on the remote control again, so that  disappears from the screen. Check your audio settings, your TV audio may be set to SAP or minimum. Press the Volume  key on your remote control Make sure that headphones are not connected.
Snow appears on screen.	Check your antenna connection.
Power is ON but no screen image.	Please check to see whether or not the video cable that connected from your video equipment to your set is plugged firmly and without any miss-plugged? Please you make sure whether or not this display source is the very one you selected correctly by switching the  button? Adjust brightness and contrast.
Wrong or abnormal colors appear.	If any colors (red, green, or blue) are missing, check the video cable to make sure it is securely connected. Loose or broken pins in the cable connector could cause an improper connection. Make sure that the HUE system settings are correct.

Problem	Check item
Remote Control does not work.	Make sure batteries are inserted correctly. Batteries could be weak.
Duplicate or "Ghost" channels located during scan.	Use the " CH ADD/ERASE " function to " ERASE " duplicate or unwanted channels from the database of active channels.
You cannot see a picture.	Make sure that the power cord is plugged into a grounded electrical outlet. Make sure that the power button is turned on. Make sure that the selected input source is connected to a working input source.
The picture has abnormal patterns.	Make sure that the video input source is within the range of your LCD TV. Compare the video input source's specifications with your LCD TV specifications.
You can not hear sound but can see a picture.	Make sure that the volume is not turned down. Make sure that the sound is not muted. Make sure that your audio input source cables are connected securely and correctly.
The image from S-Video input but to hear the different sound input.	Make sure that the S-Video sound cable is plugged into correct terminal.

If you have still some ambiguous questions in your mind that is concerning how to use your LCD set after reading our user manual, please you directly make a phone call to your local dealer for further service assistance.

4-2 Wall Mounting



- (1) Remove this TV's stand.
- (2) Using four "4x10" screws to fix wall mount.
- (3) And hook the LCD TV onto the wall mount bracket.



NOTE:

1. The rack for wall-mounting installation is not an accessory coupling with this product. Please order your own rack if there is a need for wall mounting.
2. Please purchase a standard wall-mounting rack. Be sure to check the maximum weight the rack could support, preferably more than 14 kg.