

PROSCAN®

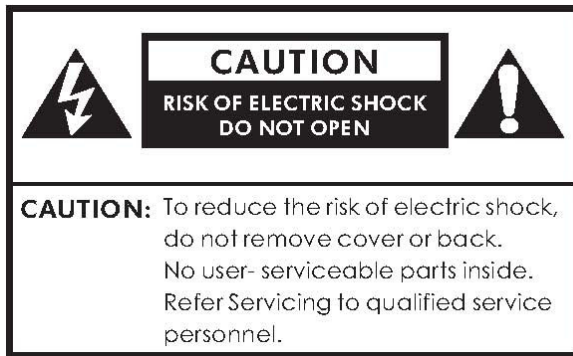
*So Advanced. Yet So Simple.*

# LCD TV

Model : 19LA20Q



*INSTRUCTION MANUAL*

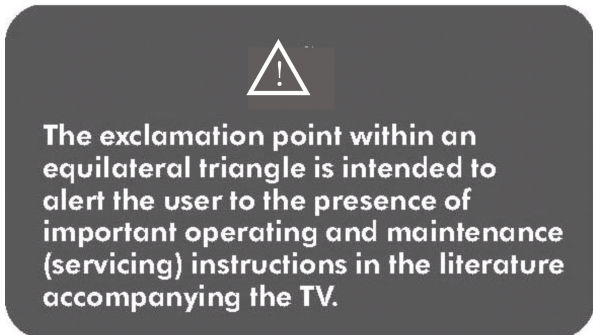
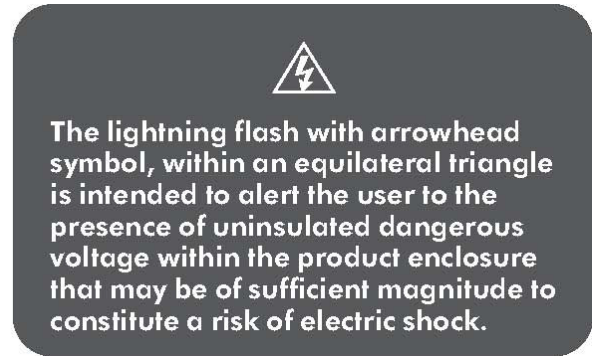


**CAUTION:** Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the users' authority to operate this equipment.

**CAUTION:** The monitor shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the Monitor

**CAUTION:** Do Not Place This TV on an Unstable cart, stand, or table. The TV may fall, causing serious injury to a child or adult, and serious damage to the TV. Use only with a cart or stand recommended by the manufacturer, or sold with the TV

**CAUTION:** Installation on concrete wall has passed UL safety test.



**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.**

**WARNING: THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES SHALL BE PLACED ON THE APPARATUS.**



**CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT.**

**CAUTION: THESE SERVICING INSTRUCTIONS ARE FOR USE BY QUALIFIED SERVICE PERSONNEL ONLY. TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT PERFORM ANY SERVICING ACTIVITIES, BUT CALL QUALIFIED ELECTRICIAN PERSONNEL.**

**CAUTION: DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED, REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE**

## 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

Do not use this TV near water. For example, do not use near a bathtub, washbowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool, and the like. The TV set shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the TV set.

### 6. CLEAN ONLY WITH DRY CLOTH

Unplug the TV from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

### 7. DO NOT BLOCK ANY VENTILATION OPENINGS. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

Slots and openings in the cabinet back or bottom are provided for ventilation, to ensure reliable operation of the TV and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the TV on a bed, sofa, rug, or other similar surface. This TV should never be placed near or over a radiator or heat resource. This TV should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

### 8. DO NOT INSTALL NEAR ANY HEAT SOURCES SUCH AS RADIATORS, HEAT REGISTERS, STOVES, OR OTHER APPARATUS (INCLUDE AMPLIFIERS) THAT PRODUCE HEAT.

### 9. DO NOT DEFEAT THE SAFETY PURPOSE OF THE GROUNDING-TYPE PLUG. A GROUNDING TYPE PLUG HAS TWO BLADES AND A THIRD GROUNDING PRONG. THE THIRD PRONG IS 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 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.



Do not place this TV on an unstable cart, stand, tripod, bracket, or table. The TV may fall, causing serious injury to someone, and serious damage to the appliance. A TV and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the TV and cart combination to overturn.

### 13. UNPLUG THIS APPARATUS DURING LIGHTNING STORMS OR WHEN UNUSED FOR LONG PERIODS OF TIME.

For added Protection for this TV receiver during a lightning storm, or when it is left unattended and unused for long period of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the TV due to Lightning and power line surges.

### 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. Wet Location Marking -CANADA

Worded: The TV shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the TV.

Note: All figures in the manual are for reference only, please refer to the actual units to determine their appearance.

## CLEANING AND MAINTENANCE

**The front of the display panel has been specially treated. Wipe the panel surface gently using only a cleaning cloth or a soft, lint-free cloth.**

If the surface is particularly dirty, soak a soft, lint-free cloth in a weak detergent solution and then remove excess liquid. Use this cloth to wipe the surface of the display panel, and then wipe it with a dry cloth, of the same type, until the

surface is dry.

Do not scratch or hit the surface of the panel with fingernails or other hard objects. Furthermore, avoid contact with volatile substances such as insect sprays, solvents and thinner; otherwise, the quality of the surface may be adversely affected.

## DEAR PROSCAN CUSTOMER

Welcome to the bright and vivid world of Proscan TV. We hope that you will have many years of enjoyment from your new TV set.

To obtain maximum benefit from your set. Please read this manual before making any adjustments and retain them together with purchase receipt for future reference,

### Product Registration

Please fill out the product registration card and return it immediately. Returning the card allows us to contact you if needed. Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need them. The numbers are located on the back of the television.

**Model No.** \_\_\_\_\_

**Serial No.** \_\_\_\_\_

**Purchase Date:** \_\_\_\_\_

**Dealer/Address/Phone:** \_\_\_\_\_

Please read all the safety and operating instructions carefully before begin.

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## SAFETY PRECAUTIONS

### WARNING

**KEEP UNNEEDED SMALL PARTS AND OTHER OBJECTS OUT OF THE REACH OF SMALL CHILDREN. THESE OBJECTS CAN BE ACCIDENTALLY SWALLOWED. ALSO, BE CAREFUL ABOUT PACKAGING MATERIALS AND PLASTIC SHEETS.**

### Set up

Do not place the TV set on sloped or unstable surfaces.

Do not place any objects on top of the TV set. If water spills onto the TV set or foreign objects get inside it, short-circuiting may occur which could result in fire or electric shock. If any foreign objects get inside the TV set, please consult an Authorized Service Center.

Do not cover the ventilation holes. Doing so may cause the TV set overheated and can cause fire or damage to the TV set.

Avoid installing this product near electronic equipment that is readily affected by electromagnetic waves. It may cause interference in image, sound, etc. In particular, keep video equipment away from this product.

### AC Power Supply Cord

Securely insert the power cord plug as far as it will go. If the plug is not fully inserted, heat may be generated which could cause fire. If the plug is damaged or the wall socket plate is loose, they should not be used.

Do not handle the power cord plug with wet hands. Doing so may cause electric shocks.

Do not do anything that might damage the power cable. When disconnecting the power cable, hold the plug, not the cable.

Do not make any modifications to, place heavy objects on, place near hot objects, heat, bend, twist or forcefully pull the power cable. Doing so may cause damage to the power cable which can cause fire or electric shock. If damage to the cable is suspected, have it repaired at an Authorized Service Center.

If the TV set will not be used for a long period of time, unplug the power cord from the wall outlet.

### If Problems Occur During Use

If a problem occurs (such as no picture or no sound), or if smoke or an abnormal odor is detected from the TV set, unplug the power cord immediately. Continued use of the TV under these conditions might cause fire or permanent damage to the unit. Have the TV evaluated at an Authorized Service Center. Service to the TV by any unauthorized personnel is strongly discouraged due to its high voltage dangerous nature. If water or foreign objects get inside the TV set, if the TV set is dropped, or if the cabinet becomes damaged, disconnect the power cord plug immediately. Contact an Authorized Service Center for any repairs that need to be made

## When using the TV set

Do not bring your hands, face or objects close to the ventilation holes of the TV set. Top of the TV set is usually very hot due to the high temperature of exhaust air being released through the Ventilation holes. Burns or personal injuries can happen if any body parts are brought too close. Placing any object near the top of the TV could also result in heat damage to the object as well as to the TV if its ventilation holes are blocked.

Be sure to disconnect all cables before moving the TV set. Moving the TV with its cables attached might damage the cables which, in turn, can cause fire or electric shock.

Disconnect the power plug from the wall outlet as a safety precaution before carrying out any cleaning. electric shocks can result if this is not done.

Clean the power cable regularly to prevent it from becoming dusty. Built-up dust on the power cord plug can increase humidity which might damage the insulation and cause fire. Unplug the cord from the wall outlet and clean it with a dry cloth.

This TV set radiates infrared rays; therefore, it may affect other infrared communication equipment. Install your infrared sensor in a place away from direct or reflected light from your TV set.

# INSTALLATION

## Selecting a location for the TV

- 1 Place the TV on the floor or on a sturdy platform in a location where light does not directly hit the screen.
- 2 Place the TV far enough from the walls to allow proper ventilation. Inadequate ventilation may cause overheating, which may damage the TV.

Note: Please contact local dealer for wall mounting.

## Optional External Equipment

For best performance, video cables should utilize 75 ohm coaxial shielded wire. Cables are available from your dealer or electronic supply store.

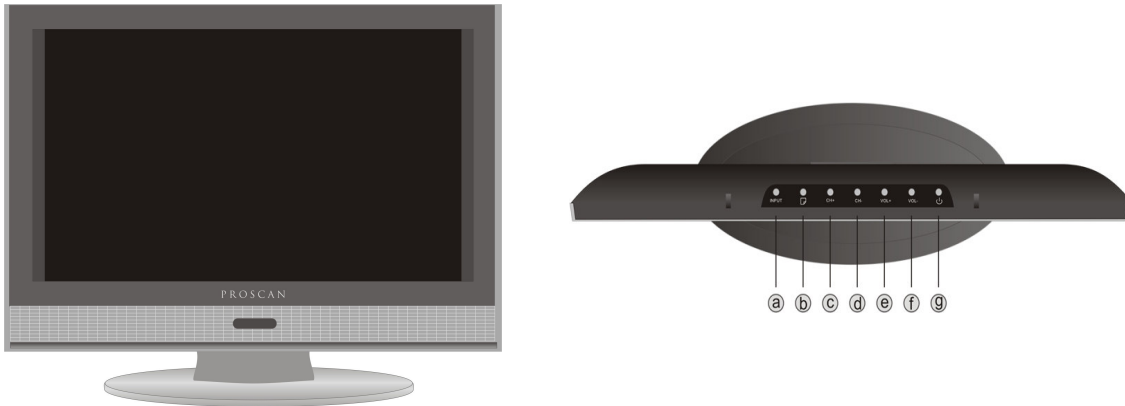
Before you purchase any cables, be sure you know what type of output and input connectors your various components require. Also determine the length of cable you will need.



## FRONT PANEL

### Familiarizing Yourself with the Main Hardware

(The picture of the product may vary depending on the model)

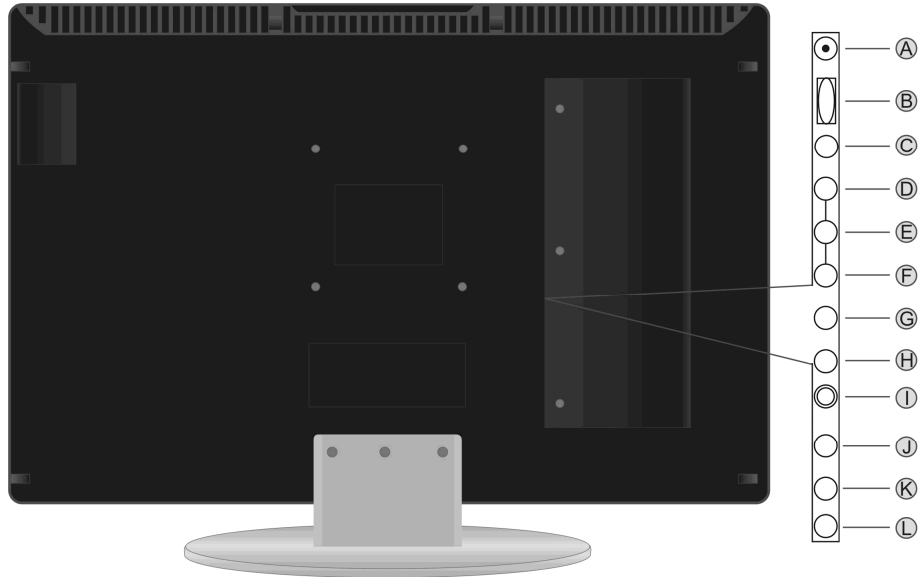


- a. Select signal input and change menu setting
- b. Main Menu Display and return to previous menu from submenu
- c. Channel Up
- d. Channel Down
- e. Volume Up
- f. Volume Down
- g. ON/OFF Button

## REAR PANEL

### Rear panel

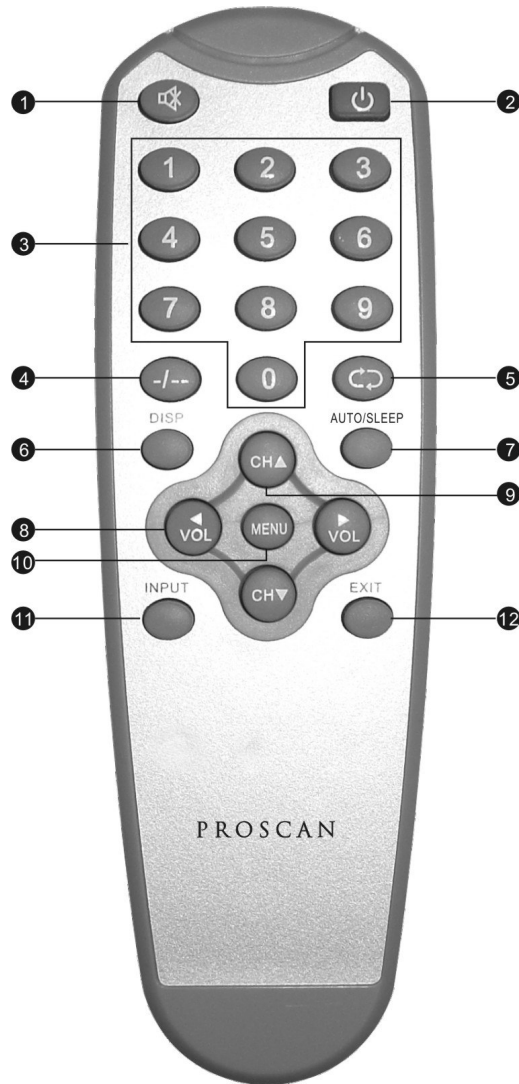
(The picture of the product may vary depending on the model)



- A. POWER
- B. VGA
- C. S-VIDEO
- D. CVBS
- E. AUDIO R
- F. AUDIO L

- G. AUDIO IN
- H. AUDIO OUT
- I. TV
- J. Y.
- K. PB
- L. PR

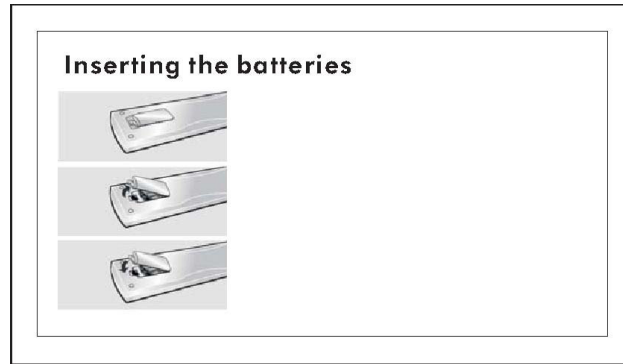
## LEARNING ABOUT REMOTE CONTROL



1. **MUTE:** Press to remove/ recover the sound
2. **POWER:** Power on/off
3. **Numerical buttons:** Press to change the channel directly using the numeric buttons
4. **-/--:** Press to change the channel between 10`199
5. **Recall:** Press to select between current channel and the last channel.
6. **DISP:** Press to display to your current channel or the current mode
7. **AUTO/SLEEP:** Press to use Auto Tune function and sleep timer.
8. **LEFT/ RIGHT ARROW:** Press to increase or decrease the volume
9. **UP/DOWN ARROW:** Press to select next or previous active channel
10. **MENU:** Press to display the main menu
11. **INPUT:** Press to switch from TV to AV, PC and S-VIDEO
12. **EXIT:** Press to exit the main menu and submenu

## REMOTE CONTROL INSTRUCTIONS

< Inserting the batteries into the remote control >1.Push the back of the remote control and pull forward slightly.2.Insert two AAA 1.5V batteries ensuring the correct polarity (+/-).3.Close the lid.

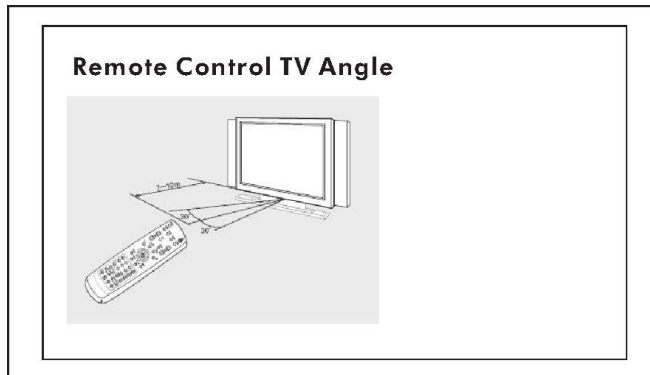


Caution: Use only Alkaline Batteries.

- If the remote control is not working, see the checkpoints below.
- Are the polarities of the batteries (+, -) correct?
- Are the batteries worn out?
- Is there an AC power failure?
- Is the power cable plugged in?
- Is any special fluorescent or neon sign board turned on?

< Remote Control Reception Angle>

Use the Remote control within a range of 7~10m and at an angle of 30° to either side of the receiver.



Caution-Used batteries should be recycled and kept out of children's reach.-Do NOT use new and old batteries together.

Change both batteries at the same time.

-When not using the remote control over a long time, remove the batteries from the unit. Use only Alkaline batteries.

## CONNECTIONS AND EXTERNAL INPUT SETTINGS

### 1: Checking Items before Connecting

Please check the list below before connecting the product to other devices.

< Check items before connecting. >

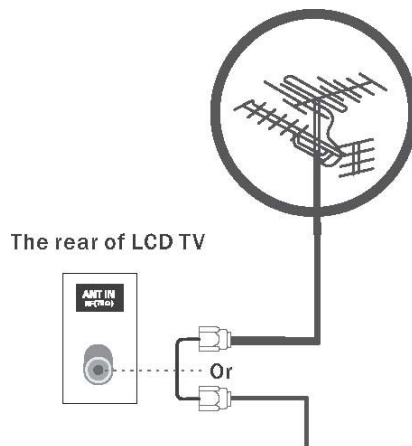
Check the instruction manual when connecting external devices. External products sometimes have different buttons and locations.

- 1 Do not connect the power unless every connection is well connected. The product may be damaged if turned on while still in the process of being connected.
- 2 Connect the left (white) and right (red) cables correctly to the sound cable.
- 3 Check the terminals to connect the product to on the rear panel.

### 2: Connecting an Antenna

There are internal and external types of antenna.

< Connecting an Antenna >



- 1 Use a coaxial cable to connect the rear panel of the TV's [AIR] or [CABLE] terminals and the wall mount or external antenna.
- 2 When an Air signal is required, connect to the [AIR] terminal. If a Cable signal is required, connect to the [CABLE] terminal. If both Air and Cable are available, and then connect both [AIR] and [CABLE] terminals.
- 3 Connect the TV power cord when connecting everything else.

< Caution >

Avoid bending the copper tip at the center of the coaxial cable.

## MODES AND MENUS

Your LCD TV has four different modes, each used for different forms of audio and video input.

### ***MODES***

A	<b>TV</b>	Television, through an aerial connection or other receiving device such as a set top box
B	<b>AV</b>	Audio video, through RCA cable connected to an AV device such a DVD player or recorder, home theatre system
C	<b>S-VIDEO</b>	Same as AV, but using an S-Video cable instead of PCA video cable
D	<b>PC-VGA</b>	Computer input, through a serial cable connected to the VGA socket
E	<b>YPBPR</b>	Audio Video through YPBPR cable connected to DVD player

### ***MENU STRUCTURE***

The menu system built into your LCD TV/Monitor has a different menu for each mode (except the menus for AV and S-VIDEO which are identical to each other). However the menus in each mode are quite similar and operate basic functions (such as volume, switching modes) in concert with the menus for the other modes.

1. When in any of the four modes, press the MENU key on the remote control to display the MAIN MENU for that mode. There will be up to six items listed down the screen on each MAIN MENU.
2. To enter into a particular selection in any of the four main menus, scroll the selections with the UP and DOWN arrow keys on the remote control. When the selection you want is highlighted, press the MENU key to confirm selection or enter the SUB menu.
3. Scroll up and down the selections in the SUB MENU with the UP and DOWN arrow keys and press MENU again to enter the desired selection. Then use the LEFT and RIGHT arrow keys on the remote control to adjust the setting you have entered, and then press EXIT. Pressing the EXIT button confirms your desire setting and moves the menu back to the previous SUB MENU or MENU depending on which menu is currently active. To exit menu setting, press the EXIT key repeatedly until you exit you the main menu.

In summary, using the remote control:

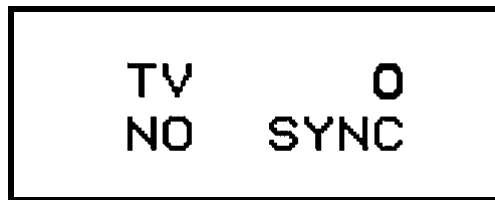
- Enter into MENUs and SUB MENUs and settings with the MENU button
- Navigate MENU items with the UP and DOWN arrow keys
- Adjust settings with the LEFT and RIGHT arrow keys; and
- Set menu settings and exit from MENUs using the EXIT key.

## A.TELEVISION

### Scanning and editing channels

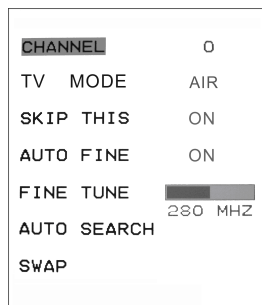
Before you can receive television reception you must scan the channels so that they are set into the memory of your new LCD TV/Monitor.

1. Press the power button either on the unit or remote control. A blank screen will appear with the following text box showing:



**Note:** If your unit does not show this screen it may not be set to the TV mode. In this case press the INPUT button on the remote control repeatedly until “TV” appears in the top right corner of the screen.

2. Press the MENU button on the remote control to display the TV mode MAIN MENU.
3. Press the DOWN arrow key one time to highlight TV SETTING then press the MENU button to select.
4. Press the DOWN arrow six times (or alternatively the UP arrow once) to highlight AUTO SEARCH and press MENU to select.
5. Highlight YES using the RIGHT arrow key and press MENU to start auto search.
6. Wait while the unit scans for and sets the television channels into its memory.
7. Press EXIT twice to exit out of the menu system.
8. To skip unwanted TV channels, set the “SKIP THIS” to “YES” under TV setting. Refer to page 19 , “REMOVING A CHANNEL” for more details.



## Swapping TV Channels

Whenever AUTO SEARCH for TV channel is performed, tuned TV channel or programs are stored in sequential order as channel 0, 1, 2, etc. To set a particular TV channel to specific channel number, follow the steps below:

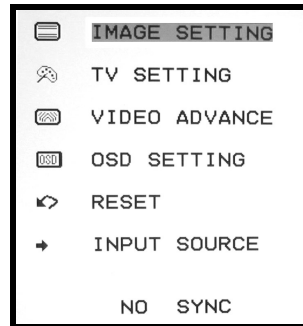
1. Press the MENU key on the remote control to display the TV menu.
2. Press the DOWN arrow key one time to highlight TV SETTING then press the MENU button to select.
3. Press the UP or DOWN arrow key to highlight SWAP and press MENU to confirm selection.
4. Under "CHANNEL", use the left and right arrow keys to select channel to be swapped.
5. Use the up or down arrow keys to highlight "TO" and press the right arrow key to confirm selection.
6. Use the left or right arrow keys to select the channel number to be swapped and press MENU key to confirm channel swap.
7. Repeat step 4 to 6 for another channel swap.
8. Press EXIT key four times to exit the TV menu upon completion of channel swap..

Note: Channel mapping (frequency) table can be found at the end of this manual if needed.



## Using the Television

**TV Main Menu** - when in TV mode, press the MENU button on the remote control to show the main menu as shown below:



**IMAGE SETTING** – for setting brightness, contrast, color, tint and sharpness of the picture

**TV SETTING** – for scanning into and removing channels from the unit's memory, fine tuning channels

**VIDEO ADVANCE** – for setting the color of the blank screen when there is no reception and adjusting the sound quality.

**OSD SETTING** – (or On Screen Display setting) for changing menu appearance such as language of menu and position of the menu on the screen.

**RESET** – for resetting the unit to the factory settings.

**INPUT SOURCE** – using the menu to change from one mode to another, for example from TV to AV.

Note: The features contained in these main menu items are described below.

## Changing Channels

1. Press the UP and DOWN keys on the remote control or the CH+ and CH- buttons on the cabinet to move channels UP and DOWN respectively.
2. Your remote control also has keys "1" through "9" and "0" which can be used to directly select single digit channel selections up to channel 9 without scrolling through every channel to reach your desired channel.
3. For channels higher than channel 9 press the "-/—" key once and a "--" symbol will appear on the screen indicating the unit is waiting for you to select the two digits of the channel. Select the channel by pressing the numbers, for example for channel 15 press "1" then "5".
4. Press the -/-- button again for channels between 100 and 199. The symbol "1—" will appear in the top left of the screen, indicating the unit is waiting for you to input the second two digits of the 3-digit channel number.
5. NOTE – to return from 2-digit or 3-digit channel selection to single digit channel selection you must press the "-/—" button until "-" is displayed in the top left corner of the screen.
6. To return to the previous channel you were watching press the button with two opposing arrows (above the EXIT button) on the remote control.

## Volume Adjustment

Adjust the volume using the UP and DOWN arrow buttons on the remote or the VOL+ and VOL- buttons on the cabinet.

Note: you must exit any on-screen menus beforehand.

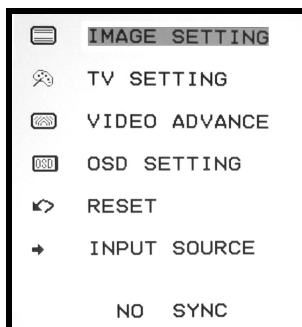
## Display Channel and Mode

To see what channel you are watching:

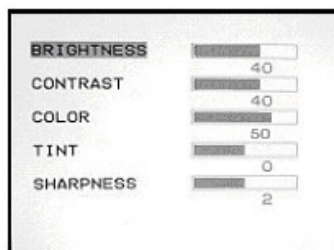
1. Press the DISPLAY button on the remote control and the channel number will appear in the top left of the screen.
2. Press the DISPLAY button again to remove.

## Adjusting the Picture

1. Press MENU and IMAGE SETTING will be highlighted

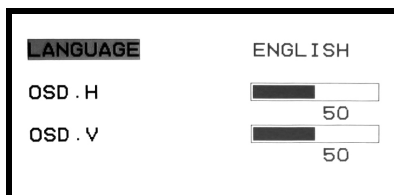


2. Press MENU again to select
3. Scroll using the UP and DOWN arrows keys pressing MENU to enter the desired setting
4. Use the LEFT and RIGHT arrow keys to adjust the selected setting and press EXIT to set and exit the menu system.



## Change Language of Menu

1. Press MENU and then the down arrow until OSD SETTING is highlighted
2. Press MENU to select, and LANGUAGE will be highlighted
3. Press MENU to select and scroll through the languages with the RIGHT arrow key until the desired language is displayed
4. Press EXIT to set the language and then press repeatedly to exit the menu system



## Fine-tuning Channels

If a particular channel is not being received clearly on your unit you may fine-tune the channel, which may improve the reception.

Go to the channel that you wish to fine tune, then

1. Press MENU and scroll down to TV SETTING by pressing the DOWN key once.
2. Press MENU to select TV SETTING
3. Scroll down to AUTO FINE and press MENU to select then press RIGHT arrow until YES is shown
4. Press EXIT to select and the channel will be automatically fine-tuned.

If this does not result in acceptable reception

1. Go back into the TV SETTING menu as described above and select FINE TUNE.
2. Press MENU to highlight to frequency bar and use the LEFT and RIGHT arrow buttons to adjust reception manually.
3. When the best reception is achieved press EXIT to set and again to exit from the menu system.

## Removing a Channel

When you first scanned the channels when setting up your unit, the memory may have memorized some channels that you do not want to watch.

To remove channels from the memory:

1. Go to the channel you wish to remove so you are watching it on your screen
2. Press MENU then the DOWN arrow once to TV SETTINGS and press MENU to select
3. Press the DOWN arrow twice to highlight SKIP THIS and press MENU to select
4. Press the right arrow key to select YES and press EXIT three times to select and exit the MENU system

The channel will appear on the screen, but when you change channels and go back to the channel you removed it will not be there.

Note: To restore a channel that you have previously removed you must rescan all channels as described above under "Scanning Channels".

### **ADJUSTING AUDIO SOUND**

You can make slight adjustments to the sound to suit your preference by turning on and off the NOISE REDUCE function.

1. Press MENU and scroll down to VIDEO ADVANCE, then press MENU to enter.
2. Press the DOWN arrow once to highlight NOISE REDUCE then press MENU again to select.

3. Press RIGHT arrow to toggle ON and OFF, then press EXIT to select the setting and EXIT again twice to exit the menu system.

## Restore Factory Settings

To restore all settings to the factory settings:

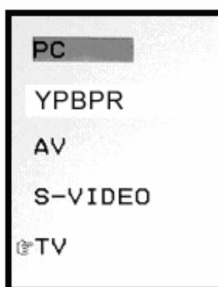
1. Press MENU and scroll down to RESET
2. Press MENU to select

Note: this action will not reset channel(s) that have been scanned in or removed. To do this you must rescan all channels as described above.

## Switch Mode

The switch from TV to AV, PC, S-VIDEO OR YPBPR:

1. Press INPUT on the remote control repeatedly until the desired MODE is on the screen.
2. All MENUs must be closed before doing this.



## B. Audio Visual

To enter the audio visual mode:

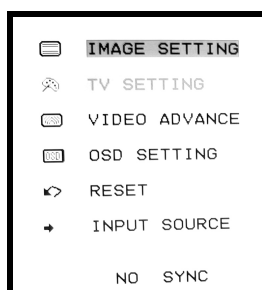
1. Press the INPUT button until "AV" (for connection with RGB cables) or "S-VIDEO" (for connection with S-Video cable) appears in the top right of the screen.
2. If you do not have an AV device connected, such as a DVD player, a blank screen will appear with a box containing the words "NO SYNC". If this is the case ensure that your AV device is powered on and is plugged correctly into the sockets on the rear panel of your LCD TV/Monitor.

## Playing Audio Visual

If the AV device is switched on and correctly connected, and the LCD TV/Monitor is set to AV (or S-VIDEO if using S-Video cable instead of RGB) then the AV feed will start playing automatically.

## AV/S-VIDEO MAIN MENU

When in AV (or S-VIDEO) mode, press the MENU button on the remote control to show the main menu as shown below:



The operation and functions of the AV (and S-VIDEO) menu are identical to those in TV mode as described above.

## C.COMPUTER

To use your unit as a computer monitor:

1. Press the INPUT button on the remote control until "PC" appears in the top right of the screen.
2. If you do not have a computer connected a blank screen will appear with a box containing the words "NO SYNC". If this is the case ensure that your computer is powered on and is plugged correctly into the sockets on your LCD TV/Monitor with the serial cable.
3. To receive sound from your computer through the speakers in your LCD TV/Monitor, connect the single pin audio cable (supplied) to the AUDIO IN socket on the rear panel of the unit and the other end to the audio out socket on your computer.

Note: if you cannot receive the video signal on the monitor or it sometimes drops in and out it is because of hardware or software incompatibility between your computer and the LCD TV/Monitor. Typically this would only occur with older computers with an older model display card or old operating system. In this case try the following:

1. Adjust display settings on your computer – with your old monitor connected in place of the LCD TV/Monitor, right-click on the Desktop and select Properties. Select the Settings tab. Adjust the screen resolution to "640 x 480". Then click Advanced and go to the Monitor tab, then Monitor Settings. Adjust the Screen Refresh Rate to "60 Hertz". Apply

the settings and OK out of the dialog boxes. The process to reset the monitor settings in your computer differs between computers. If you have difficulty consult your computer technician or our Service Centre.

2. Disconnect your old monitor and connect you LCD TV/Monitor. If it does not receive the signal properly now, turn off your computer (leave the LCD TV/Monitor powered on). If this does not work try setting the Screen Refresh Rate to “65Hertz” or “75 Hertz”.
3. Consult your computer technician – you may need to update your software or your display card.

## PC Main Menu

When in PC mode, press the MENU button on the remote control to show the main menu as shown below:



Use the first four menu items to adjust the image in PC mode. Note- most computers will need to be configured to the LCD TV/Monitor to properly fit the screen. Go to IMAGE SETTING and select AUTO CONFIG within that menu.

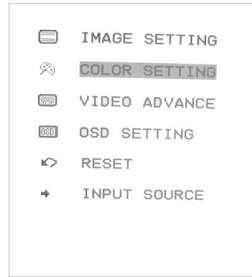
The functions of OSD SETTING, RESET AND INPUT SOURCE are described above under section A Television.

NOTE: PRESS AUTO TO FINE TUNING IN PC MODE

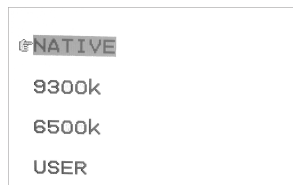
## D.YPBPR

## YPBPR MAIN MENU

When in YPBPR mode, press the MENU button on the remote control to show the main menu as shown below:



The operation and functions of the YPBPR menu are identical to those in TV mode as described above. In YPBPR there is color setting to adjust color. There is four choices to adjust color shown as below:



## APPENDIX-TROUBLESHOOTING

### Identifying Problems

If there are any problems using the product, please first consult the list below. If the list below does not solve the problem, call our Customer Service Center immediately.

#### Setup and Connection

The TV won't turn on. Check your power cable connection.

- I can't view the Basic channels. Check the connection of the antenna cable.
- I want to view cable channels. Register with your local cable company then connect their receiver to your TV.
- I want to view satellite channels. Setup your Satellite parabola antenna then connect your satellite receiver to the TV.
- Digital broadcasting is not functioning. Check your antenna cable connection. Check if the digital channel selection is correctly connected to your antenna cable.

#### Menu and Remote Control

- The Remote Control isn't functioning well.
  - Change the batteries.
  - Check the polarity of the batteries.
  - Check the angle of the remote control from the product or if there are any obstacles between the remote control and the product.
  - Check if you have pressed the correct key for the correct option.
  - Try to a bright light position near TV's which transmit a strong light source on TV <remote receiver> window.
- I cannot change channels with the remote control.
  - Press [TV/AV] and select <TV>.
  - Try to use the remote control for the cable or satellite receiver to change the channel.
- External input channels cannot be selected.



Check your external input connection cable.

- A Menu cannot be selected.

Check if the menu is grayed out, and if it is, that menu cannot be selected.

#### Screen

- Poor picture

Is the power cord unplugged? Make sure the power cable is plugged in correctly, and then press the power of the remote control.

- Black picture

Check if external input mode is selected

Press [external input selection] and select TV

- Lined and flickering picture.

Try to finely adjust the channel.

Are there any TV waves flowing or cordless radio transmitting stations? Avoid using cordless phones, hairdryers or electrical drills.

- Disfunctioning channels.

Check if the channel has been selected correctly.

Try changing the position of the antenna.

- Picture with white and black dots.

Check if your antenna is damaged or any connections are broken.

Replace your antenna.

- Only certain channels are in black and white

Check if the program is being broadcast in black and white.

Try to check the hue or contrast.

- The Sub-Screen is black.

Check the power of the external device connected to the TV.

If the power cord is disconnected, the screen will be black.

- Automatic turn-on is inactive.

When turning off your TV, you need to use the remote control or press the power button on the TV. (If you pull the plug on the TV, the settings will be deleted.)

#### Sound

- Poor quality sound

Check if the program is in stereo. Stereo may not work well in areas with bad reception. Try using Mono for these areas.

- Sound is malfunctioning while using a cable.

Check your sound connecting cable.

Check if other channels also have no sound

- I can see images, but there is no sound.

Press the volume buttons to increase the sound.

Try watching a video (if the video has sound, check your cable company). If there is no problem with the cable receiver, then call our customer service.

Check if the internal speakers are <OFF>.

- There is a malfunction after the volume is increased

Try to adjust the external devices connected to the TV (Digital channel receiver, DTV, DVD, Cable channel receiver, video)

If you can adjust your sound, try to balance the volume of the TV and the external device.

### **Channel**

- The channels are not functioning.  
Connect the antenna connectors again.  
Set to memorize channels in the automatic channel setting again.  
Query the particular broadcasting station.
- A limited number of channels are not functioning.  
Change the location or direction of the antenna.  
Try to select a few channels using numbers and memorize them using the add/delete button.  
Query the broadcasting station.
- Only UHF (14~69) Channels are unavailable.  
Check if the antenna is able to receive UHF.

### **Monitor**

- The PC Screen continually appears and disappears.  
Check the connection between the TV and the computer and see if the connector is locked.
- A "There is no signal" message appears.  
This happens if the signal from the video card is exceeded for the maximum resolution or frequency of the TV. Try to set the maximum resolution or frequency for the TV.  
See if power save mode of the PC functions properly. (This is deactivated when any key is pressed or the mouse is moved)
- The screen looks like there is water flowing on it.  
Check the connector connected to the TV.
- The screen is unclear and blurry.  
Change the frequency and phase adjustment. Change the Resolution and frequency to the standard limit.
- Unstable and flickering screen.  
The resolution and frequency of the PC's Graphics Card should be set within the TV's range. Check the TV menu's current mode and standard mode and set it up again.
- Some modes in standard mode are not working.  
Check the compatibility of the video card.  
If it is not working for compatible hardware, try to upgrade the driver of the graphics card.