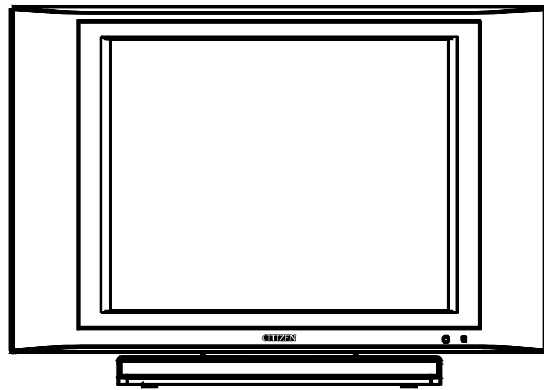


USER MANUAL

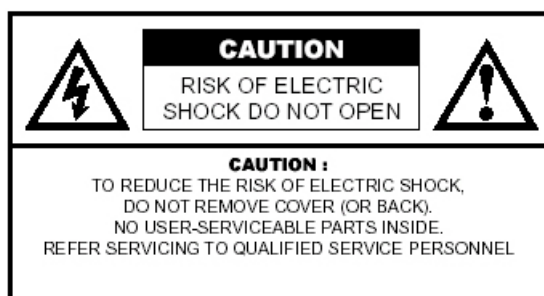
CITIZEN[®] LT1960
19" LCD Television



CONTENTS

CONTENTS.....	1
Safety Instructions.....	2
Important Safety Instructions:.....	2
1. INTRODUCTION	5
Product Description.....	5
Product Features.....	5
Package Contents	6
2. SYSTEM SETUP.....	7
Top Panel & Remote Control Function.....	7
Remote Control Buttons.....	8
Remote Control Battery Installation / Removal.....	8
Remote control operating instruction.....	9
Input/Output Signal Connections	9
Connecting TV Cable and earphone	10
Connecting to AV-terminal equipment.....	10
Connecting to S-Video terminal equipment.....	11
Connecting to YCbCr/YPbPr terminal equipment.....	11
Connecting to 15-PIN VGA from a PC.....	12
3. ON SCREEN DISPLAY OPERATING INSTRUCTIONS	12
TV and AV Operating Instructions	12
Using the LCD as a Computer Monitor	22
4. REFERENCE.....	25
About VChip Control.....	25
MPAA option	26
PC Display Modes	26
Cleaning LCD Monitor	26
Troubleshooting	27
5. APPENDIX	28
Specifications:.....	28
6. WARRANTY	29

Safety Instructions



The Lightning flash with the arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of un-insulated "DANGEROUS VOLTAGE " within the product's enclosure that may be of sufficient magnitude to constitute a risk or 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 product).

Important Safety Instructions:

Read Instructions - All the safety and operating instructions should be read before the product is operated.

Retain Instructions - The safety and operating instructions should be retained for future references.

Heed Warnings - All Warnings on the product and in the operation instructions should be adhered to.

Follow Instructions - All Operating and user instructions should be followed.

Cleaning - Unplug this product from the wall outlet before cleaning. DO NOT use liquid cleaners or aerosol cleaners. Use damp Cloth for cleaning.

Attachments - DO NOT use attachments not recommended by the product manufacturer they may cause hazards.

Keep Away From Heated Areas – Do not place the LCD TV near heat; for example, near a radiator, stove, or other heating device.

Water - DO NOT use this product near water. For example: Avoid placing it near bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.

Cabinet Slots - NEVER push objects or any kind into the unit through the cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. NEVER spill liquid of any kind on the product.

Important Safety Instructions Continued

Ventilation - DO NOT block any ventilation openings. Install in accordance with manufacture's instructions. Slots and openings in the cabinet and the back and bottom are provided for ventilation, and to ensure reliable operation of the product and to protect it from Overheating. These openings must NOT be blocked or covered. There should be at least 10cm of space from these openings. The openings should never be blocked by placing the unit on a bed, rug or other similar surface.

This product should NOT be placed in a built-in installation such as a bookcase unless proper ventilation is provided.

Grounding or Polarization - This product may be equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet.

DO NOT defeat the safety purpose of the polarized plug.

Power Cord Protection - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

Power Sources - This product should be operated only from the type of power source indicated on the rear panel. If you are not sure of the type of power supply to your home consult your product dealer or local power company.

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

Power Lines - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits.

When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Overload - DO NOT overload wall outlets, extension cords or integral convenience receptacles as this can result in a risk of fire or electric shock.

Important Safety Instructions Continued

Damages Requiring Service - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions :

1. When the power-supply cord or plug is damaged.
2. If liquid has been spilled, or objects have fallen into the product.
3. If the product has been exposed to rain or water.
4. If the product does not operate normally after following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
5. If the product has been dropped or damaged in any way.
6. When the product exhibits a distinct change in performance - this indicates a need for service.

Replacement parts - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part.

UNAUTHORIZED substitution may result in fire, electric shock or other hazards.

Safety Check - Upon completion of any service or repair to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

Heat - The Product should be situated away from heat source such as radiators, heat registers, stoves or other products (including amplifiers) that produce heat.

Mounting - DO NOT place this product on an unstable cart, stand, tripod, bracket, or table.

The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the product. Any mounting of this product should follow the manufacture's instructions, and should use a mounting accessory recommended by the manufacturer.

Operate - Do not apply excessive force to operate the switch, control key and connector. Disconnect the power plug from the AC outlet before you move the unit.

Screen care - Do not touch the screen directly with your fingers. You may damage the screen, oil from your skin is difficult to remove.

Do not apply pressure to screen. The LCD is very delicate.

Installation - Please install the LCD in a cool, dry and clean area, avoid heat, or excessive vibration, dust, humidity, extreme cold and magnetic devices.

Recycling - This product utilizes tin-lead solder, and has a fluorescent lamp containing a small amount of mercury. Disposal of these materials may be regulated in your community due to environmental considerations. For disposal or recycling information please contact you local authorities, or the Electronics Industries Alliance: <http://www.eiae.org/>

1. INTRODUCTION

Product Description

Thank you for choosing the LCD Color TV/Monitor and for your continued support and use of our products.

The LCD combines the features of a TV/MONITOR with a THIN FILM TRANSISTOR liquid crystal display (TFT-LCD). This new generation of TFT-LCD incorporates a high quality display in a lightweight module.

As such the unit has power-saving capabilities and emits no X-ray radiation. There are many benefits from this TFT-LCD namely comfort, safety, and environmental protection.

The LCD features a color-active matrix, Thin-Film-Transistor (TFT) Liquid Crystal Display (LCD) to provide superior display performance. A maximum resolution of 1280×1024 SXGA for displaying complex graphics and high definition images. Other outstanding features include freedom from video oscillations and selection of various choices of digital video and audio signal inputs.

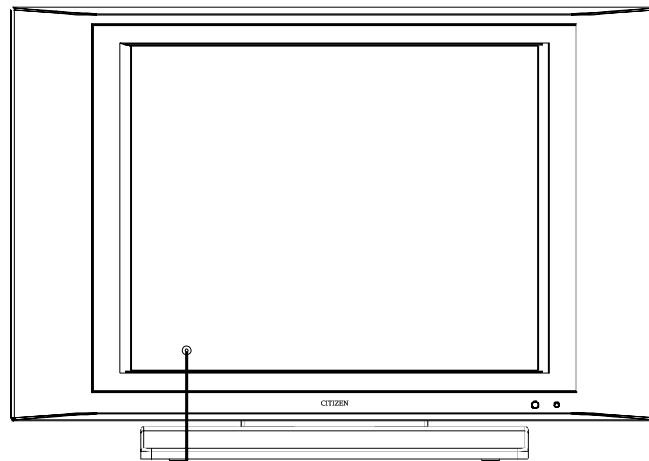
You will get the feeling that the large-sized surface of operation with the high-quality stereo speakers and remote high-level amplifiers connections, provides a coherent, top-of-the-line Audio and Video systems for viewing pleasure. In addition the TFT-LCD display allows On Screen Display (OSD) functions that can operate from the convenience of a remote control.

Product Features

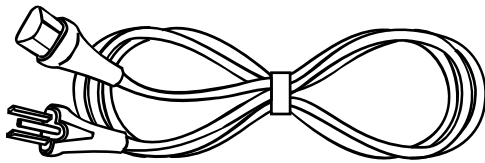
- Wide viewing angel: Horizontal 160° /Vertical 160° (CR>=10)
- High brightness (250 nits, Typ)
- High contrast ratio (800:1, Typ)
- Fast response time 20 ms (Typ)
- SXGA (1280x1024 pixels) resolution
- 16.7 millions colors
- Auto-tune image optimization for VGA
- 2D De-interlace function
- Support YCbCr/YPbPr up to 1080i, 720P.
- Easy access top keypad controls (Menu, Volume up/down, CH up/down, Power)
- Built-in audio amplifier (2W×2)
- Bundled 2W(max) x 2 stereo speaker
- Wall-mountable design.

Package Contents

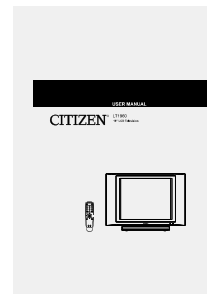
Please check the LCD TV package to make sure it contains the following items:



19" TFT-LCD



Power cord

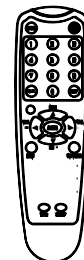


User manual



AAA size x 2

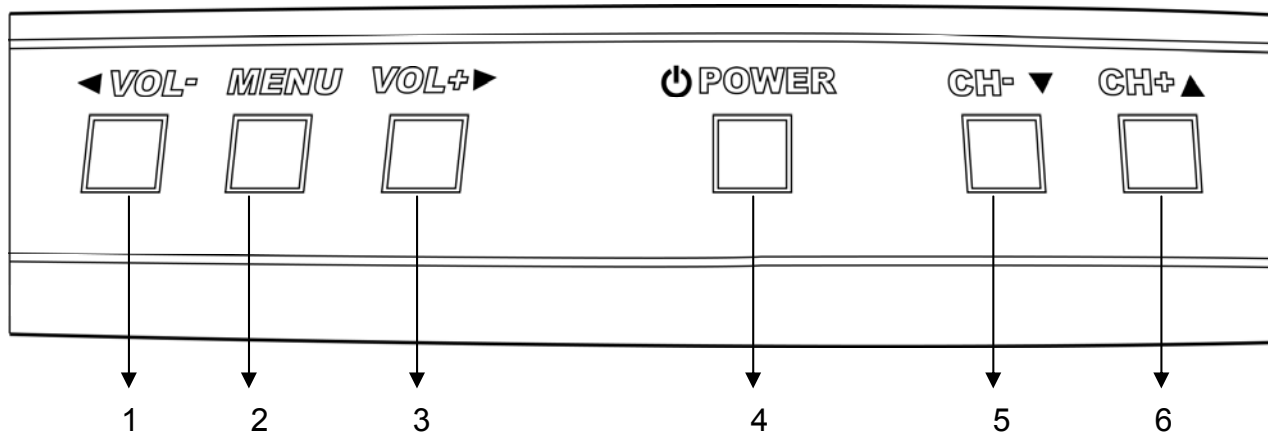
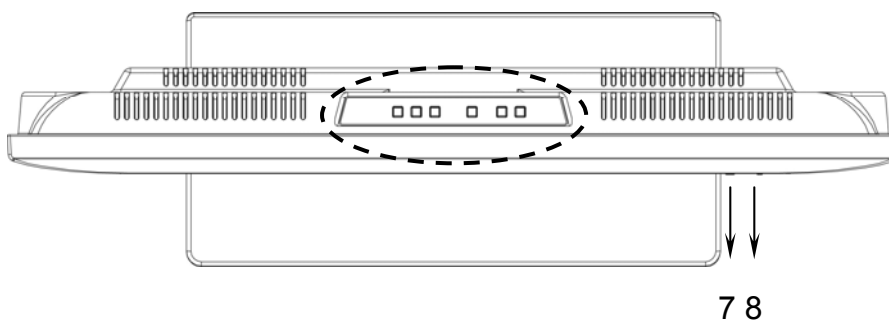
Batteries (for remote control)



Remote Control

2. SYSTEM SETUP

Top Panel & Remote Control Function

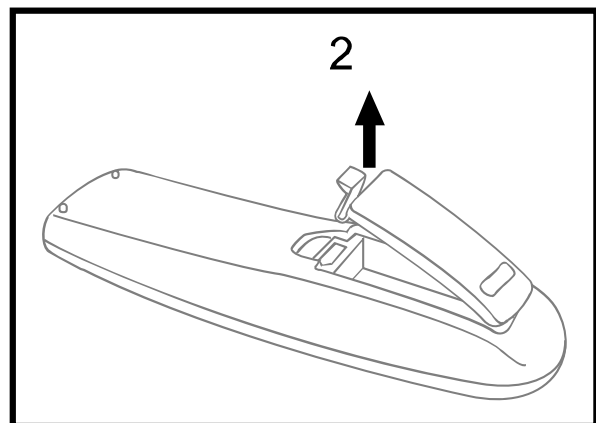
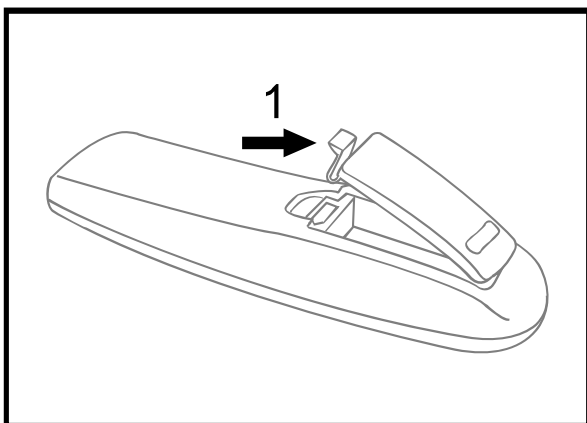


1. VOL -	Decrease Volume / Left navigation key
2. MENU	a. ENTER –Confirm Function b. MENU –Display Main Menu
3. VOL +	Increase volume / Right navigation key
4. Power	Power standby on or off
5. CH -	Decrease TV channel / Down navigation key
6. CH +	Increase TV channel/Up navigation key
7. IR	IR sensor
8. LED	Red – Stand by ◦ Green – On ◦

Remote Control Buttons

No	Key name	Description	Remote Control Unit
1	MUTE	Turn off volume	
2	POWER	Power standby on or off	
3	NUMBER KEYS	To select items	
4	CH+	Increase TV channel/Up navigation key	
5	VOL +	Increase volume/Right navigation key	
6	ENTER	Confirm Function	
7	TV/VIDEO	Change main display to TV, AV, SV, PC, CVI	
8	SLEEP	Set timer to turn off the machine (30/60/90/120/OFF min)	
9	INFO	To show Channel information and Input signal's source	
10	CH-	Decrease TV channel/Down navigation key	
11	MENU	Display Main Menu	
12	VOL-	Decrease Volume/ Left navigation key	
13	MTS	Select audio Sub/Stereo/Mono in TV mode	

Remote Control Battery Installation / Removal



Insert the batteries careful, following the polarity in battery case.

Change the batteries if the remote control doesn't operate.

CAUTION !!

Avoid damaging the Remote Control by:

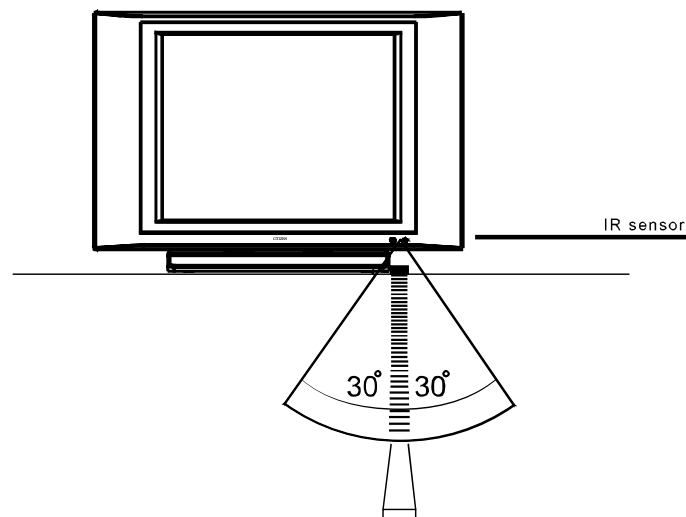
- Applying excessive pressure when pressing buttons
- Exposing to extreme Low or High temperatures
- Exposing to excessive moisture

Remote control operating instruction

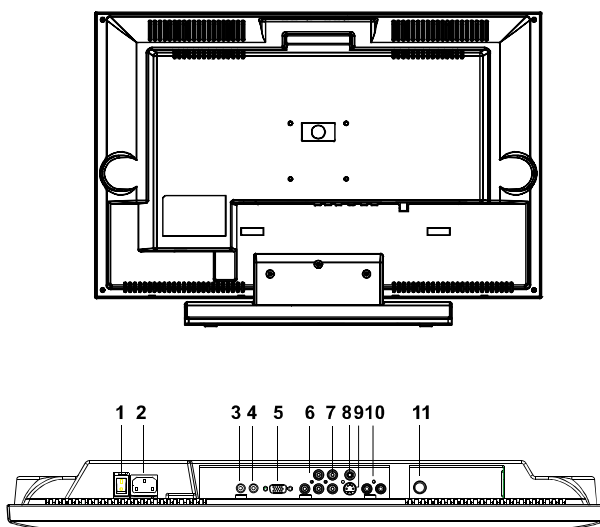
The remote control transmission consists of an infrared signal (IR)

Make sure the line-of-sight between remote control and LCD TV is clear of objects that could interfere with the remote IR signal.

Always point the remote control directly to the LCD TV sensor.

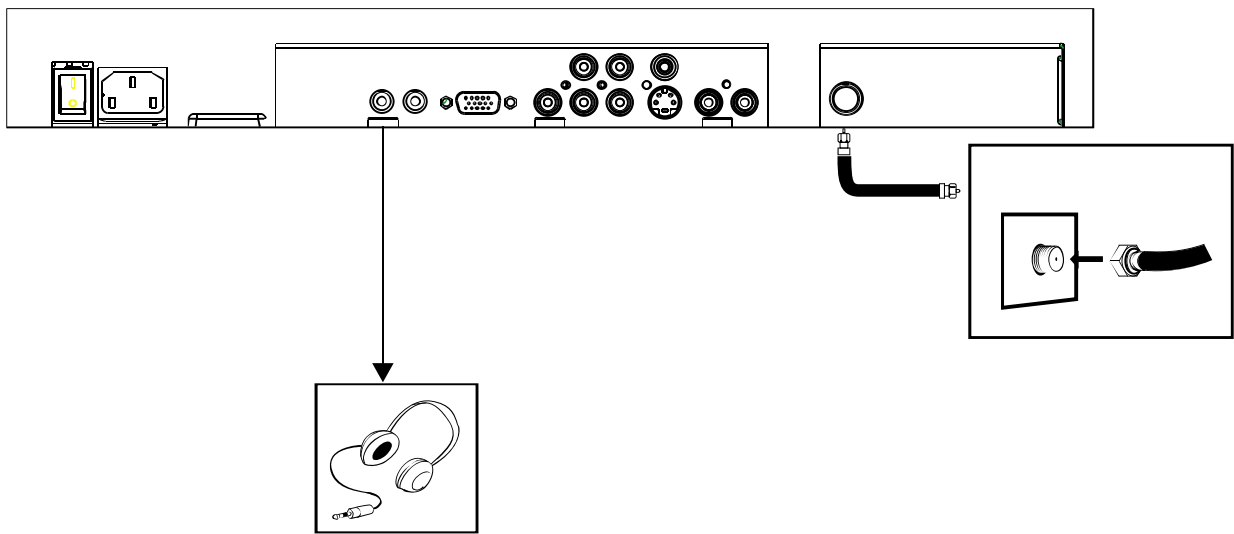


Input/Output Signal Connections

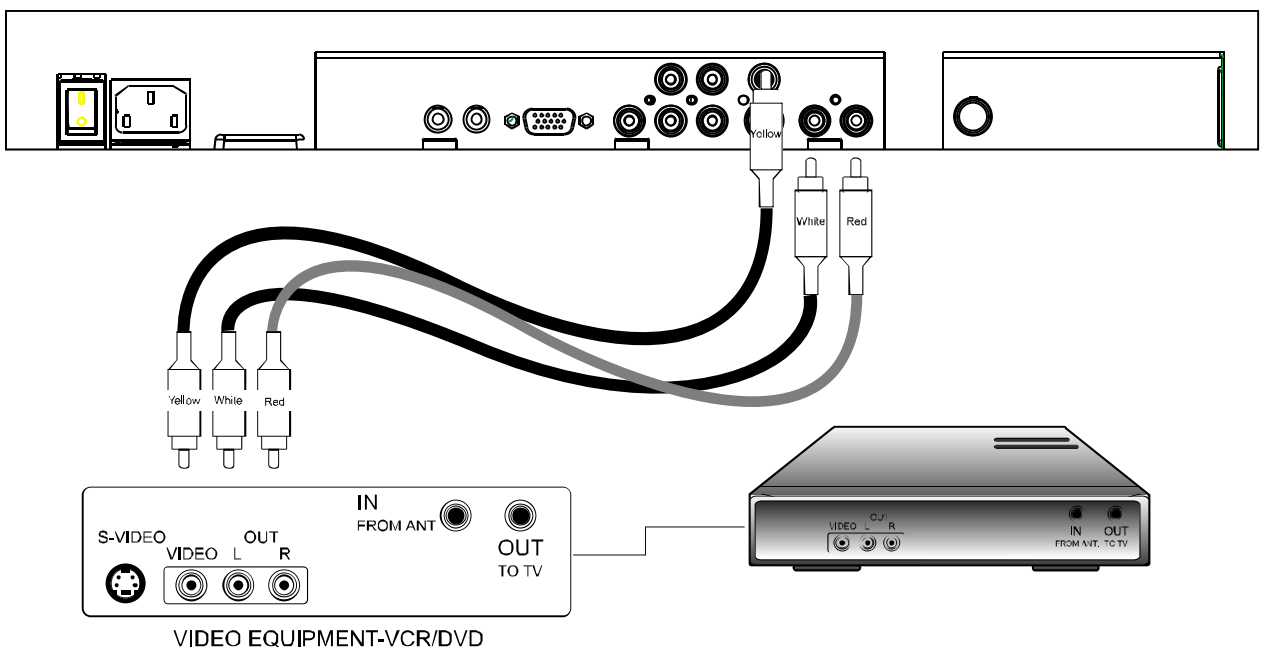


1	POWER SWITCH
2	POWER AC INPUT
3	EARPHONE OUTPUT
4	PC AUDIO IN
5	PC VGA INPUT
6	YCbCr/ YPbPr INPUT
7	LEFT AUDIO INPUT FOR YCbCr/ YPbPr RIGHT AUDIO INPUT FOR YCbCr/ YPbPr
8	VIDEO INPUT
9	S-VIDEO INPUT
10	LEFT AUDIO INPUT FOR AV AND S-VIDEO RIGHT AUDIO INPUT FOR AV AND S-VIDEO
11	ANT. CABLE INPUT

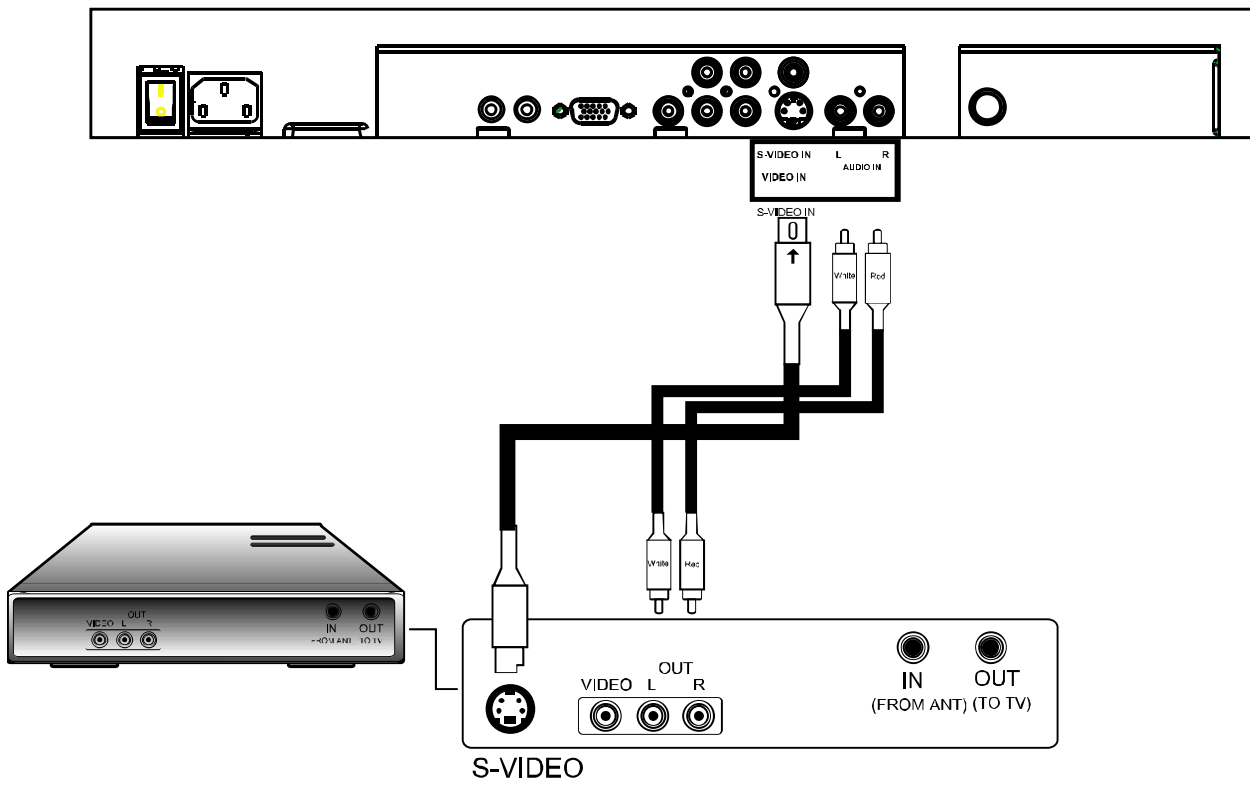
Connecting TV Cable and earphone



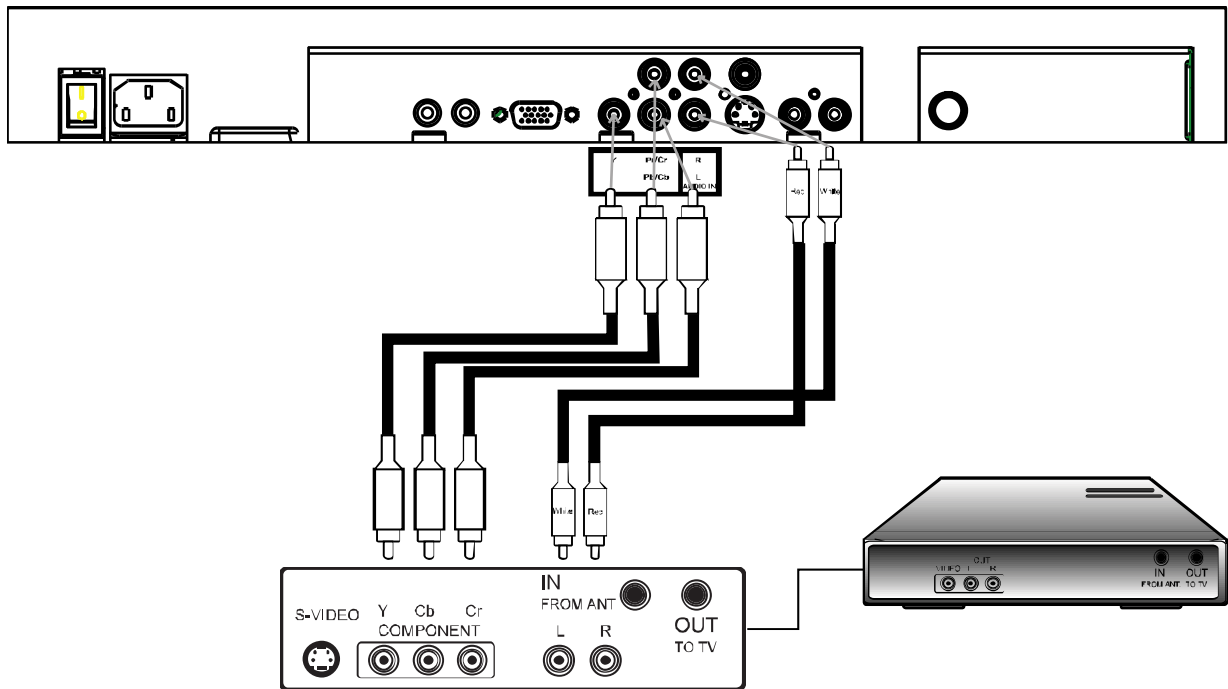
Connecting to AV-terminal equipment



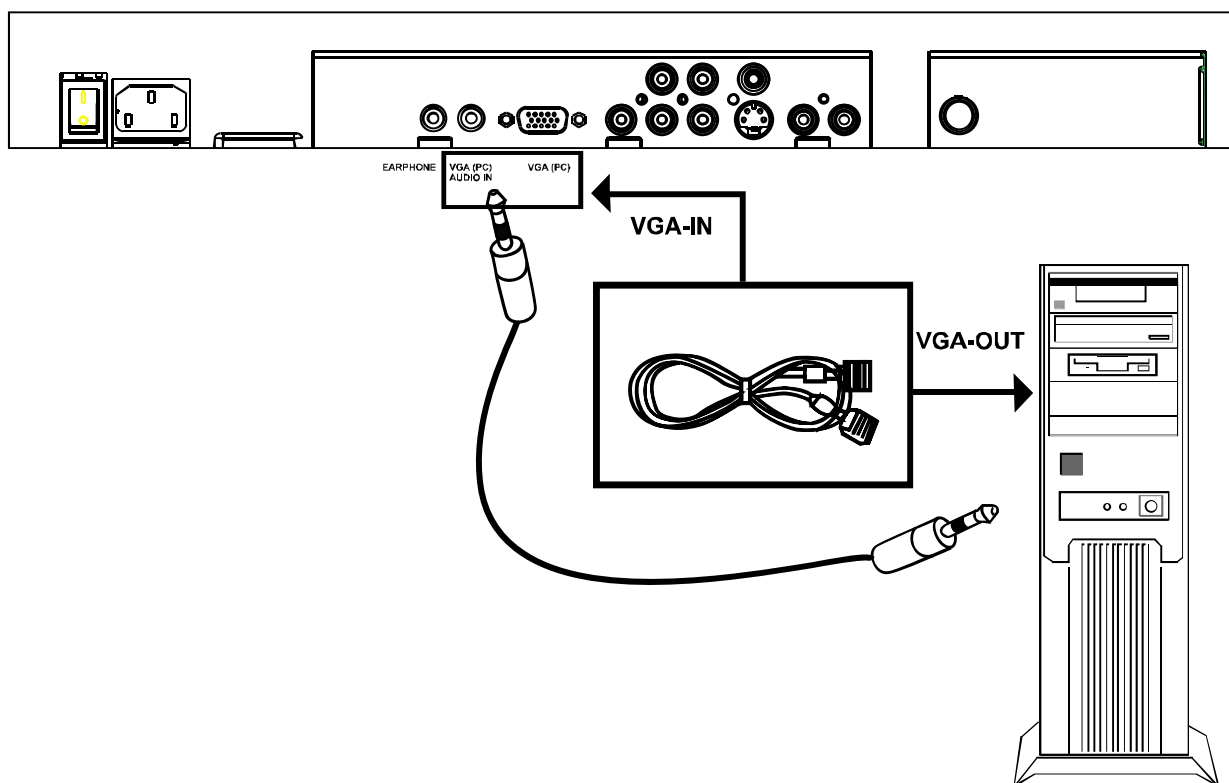
Connecting to S-Video terminal equipment



Connecting to YCbCr/YPbPr terminal equipment



Connecting to 15-PIN VGA from a PC



3. ON SCREEN DISPLAY OPERATING INSTRUCTIONS

TV and AV Operating Instructions

Press the Menu button to display the following Main Menu :

MAIN DISPLAY Operating Instructions

This session is used to Choose Input Source.


Level1	Level2	Level3 / Function
Main Menu	Main Disp	
<div style="border: 1px solid black; padding: 5px;"> <p>Main Disp</p> <p>Image Setup</p> <p>Audio Setup</p> <p>PC Setup</p> <p>TV Setup</p> <p>Language</p> <p>Recall</p> <p>Quit</p> </div>	<p>Press</p> <p>【Enter】</p>	<div style="border: 1px solid black; padding: 5px;"> <p>TV</p> <p>AV</p> <p>S – Video</p> <p>PC</p> <p>CVI</p> <p>Return</p> </div>
		<ol style="list-style-type: none"> 1. TV - TV Input Signal 2. AV Input Signal 3. S – VIDEO Input Signal 4. PC - Computer Input Signal 5. CVI - Component Video Input Signal 6. Return - Back to Main Menu

NOTE:

Use the ▲ and ▼ to move between the options,
Press the Menu button again to select.

Image Setup Operating Instructions – Brightness

This session is used to adjust brightness of screen picture.

Level1	Level2	Level3 / Function
Main Menu	Image Setup	
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	Press 【Enter】 <div style="border: 1px solid black; padding: 5px;"> Brightness Contrast Sharpness Tint Color Return </div>	Press  50 【Enter】 It will show the progress bar at screen foot. Use the ◀ and ▶ to adjust. Press enter for return.


NOTE:

Use the ▲ and ▼ to move between the options,
 Press the Menu button again to select.

★ All values on the gauge bar only for reference. For actual values please refer to factory defaults.

Image Setup Operating Instructions – Contrast

This session is used to adjust contrast of screen picture.

Level1	Level2	Level3 / Function
Main Menu	Image Setup	
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	Press 【Enter】 <div style="border: 1px solid black; padding: 5px;"> Brightness Contrast Sharpness Tint Color Return </div>	Press  50 【Enter】 It will show the progress bar at screen foot. Use the ◀ and ▶ to adjust. Press enter for return.

NOTE:

Use the ▲ and ▼ to move between the options,
 Press the Menu button again to select.

★ All values on the gauge bar only for reference. For actual values please refer to factory defaults.

Image Setup Operating Instructions – Sharpness

This session is used to adjust sharpness of screen picture.

Level1	Level2	Level3 / Function
Main Menu	Image Setup	
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	<div style="border: 1px solid black; padding: 5px;"> Brightness Contrast Sharpness Tint Color Return </div>	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Press 【Enter】</div> <div style="border: 1px solid black; width: 100px; height: 20px; background: linear-gradient(to right, black 50%, white 50%);"></div> <div style="margin-left: 10px;">1</div> </div> <p>It will show the progress bar at screen foot.</p> <p>Use the ◀ and ▶ to adjust.</p> <p>Press enter for return.</p>

NOTE:

Use the ▲ and ▼ to move between the options,
Press the Menu button again to select.

★ All values on the gauge bar only for reference. For actual values please refer to factory defaults.

Image Setup Operating Instructions – Tint

This session is used to adjust TINT of screen picture.

Level1	Level2	Level3 / Function
Main Menu	Image Setup	
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	<div style="border: 1px solid black; padding: 5px;"> Brightness Contrast Sharpness Tint Color Return </div>	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Press 【Enter】</div> <div style="border: 1px solid black; width: 100px; height: 20px; background: linear-gradient(to right, black 50%, white 50%);"></div> <div style="margin-left: 10px;">0</div> </div> <p>It will show the progress bar at screen foot.</p> <p>Use the ◀ and ▶ to adjust.</p> <p>Press enter for return.</p>


NOTE:

Use the ▲ and ▼ to move between the options,
Press the Menu button again to select.

★ All values on the gauge bar only for reference. For actual values please refer to factory defaults.

Image Setup Operating Instructions – Color

This session is used to adjust Color of screen picture.

Level1	Level2	Level3 / Function
<p>Main Menu</p> <div style="border: 1px solid black; padding: 5px;"> <p>Main Disp</p> <p>Image Setup</p> <p>Audio Setup</p> <p>PC Setup</p> <p>TV Setup</p> <p>Language</p> <p>Recall</p> <p>Quit</p> </div>	<p>Image Setup</p> <div style="border: 1px solid black; padding: 5px;"> <p>Brightness</p> <p>Contrast</p> <p>Sharpness</p> <p>TINT</p> <p>Color</p> <p>Return</p> </div>	<p>Press  50</p> <p>【Enter】 It will show the progress bar at screen foot.</p> <p>Use the ◀ and ▶ to adjust.</p> <p>Press enter for return.</p>


NOTE:

Use the ▲ and ▼ to move between the options,
Press the Menu button again to select.

★ All values on the gauge bar only for reference. For actual values please refer to factory defaults.

AUDIO Operating Instructions – Treble

This session is used to adjust Treble of audio.

Level1	Level2	Level3 / Function
<p>Main Menu</p> <div style="border: 1px solid black; padding: 5px;"> <p>Main Disp</p> <p>Image Setup</p> <p>Audio Setup</p> <p>PC Setup</p> <p>TV Setup</p> <p>Language</p> <p>Recall</p> <p>Quit</p> </div>	<p>Audio Setup</p> <div style="border: 1px solid black; padding: 5px;"> <p>Treble</p> <p>Bass</p> <p>Balance</p> <p>Return</p> </div>	<p>Press  3</p> <p>【Enter】 It will show the progress bar at screen foot.</p> <p>Use the ◀ and ▶ to adjust.</p> <p>Press enter for return.</p>

NOTE:

Use the ▲ and ▼ to move between the options,
Press the Menu button again to select.

★ All values on the gauge bar only for reference. For actual values please refer to factory defaults.

AUDIO Operating Instructions – Bass

This session is used to adjust Bass of audio.

Level1	Level2	Level3 / Function
Main Menu	Audio Setup	
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	Press 【Enter】 <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> Treble Bass Balance Return </div>	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 100px; height: 20px; background-color: black; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> 1 </div> Press 【Enter】 <p>It will show the progress bar at screen foot.</p> <p>Use the ◀ and ▶ to adjust.</p> <p>Press enter for return.</p>

NOTE:

Use the ▲ and ▼ to move between the options,
 Press the Menu button again to select.

★ All values on the gauge bar only for reference. For actual values please refer to factory defaults.

AUDIO Operating Instructions – Balance

This session is used to adjust Balance of audio.

Level1	Level2	Level3 / Function
Main Menu	Audio Setup	
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	Press 【Enter】 <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> Treble Bass Balance Return </div>	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 100px; height: 20px; background-color: black; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> 0 </div> Press 【Enter】 <p>It will show the progress bar at screen foot.</p> <p>Use the ◀ and ▶ to adjust.</p> <p>Press enter for return.</p>

NOTE:

Use the ▲ and ▼ to move between the options,
 Press the Menu button again to select.

★ All values on the gauge bar only for reference. For actual values please refer to factory defaults.

TV Setup Operating Instructions – AIR CATV

This session is used to select TV source.

Level1	Level2	Level3 / Function
<p>Main Menu</p> <div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	<p>TV Setup</p> <div style="border: 1px solid black; padding: 5px;"> AIR CATV Auto Program Add Erase CH Close Caption VChip Control System Setup Return </div>	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> AIRTV CATV </div> <p>Press 【Enter】</p> <p>It will show 2 options at screen foot.</p> <p>Use the ◀ and ▶ to select.</p> <p>Press enter for confirm.</p> <p>P.S: AIRTV means Antenna. CATV means Cable TV.</p>

NOTE:

Use the ▲ and ▼ to move between the options,
Press the Menu button again to select.

TV Setup Operating Instructions – Auto Program

This session is used to scan TV channel and memory.

Level1	Level2	Level3 / Function
<p>Main Menu</p> <div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	<p>TV Setup</p> <div style="border: 1px solid black; padding: 5px;"> AIR CATV Auto Program Add Erase CH Close Caption VChip Control System Setup Return </div>	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> No Yes </div> <p>Press 【Enter】</p> <p>It will show 2 options at screen foot..</p> <p>Use the ◀ and ▶ to select.</p> <p>Press enter for confirm.</p> <p>P.S: “No” means return. “Yes” means scan and memory.</p>

NOTE:

Use the ▲ and ▼ to move between the options,
Press the Menu button again to select.

TV Setup Operating Instructions – Add Erase CH

This session is used to erase TV channel.

Level1	Level2	Level3 / Function
Main Menu	TV Setup	
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	Press 【Enter】	<div style="border: 1px solid black; padding: 5px;"> AIR CATV Auto Program Add Erase CH Close Caption VChip Control System Setup Return </div>
	Press 【Enter】	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Add Erase Exit. </div> It will show 3 options at screen foot. Use the ◀ and ▶ to select. Press enter for confirm.

NOTE:

Use the ▲ and ▼ to move between the options,
 Press the Menu button again to select.

TV Setup Operating Instructions – Close Caption

This session is used to select close caption option.

Level1	Level2	Level3 / Function
Main Menu	TV Setup	
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	Press 【Enter】	<div style="border: 1px solid black; padding: 5px;"> AIR CATV Program Add Erase CH Close Caption VChip Control System Setup Return </div>
	Press 【Enter】	It will show 1 option only at screen foot. But you can change setting between flowing options. Off→CC1→CC2→CC3→CC4→ TT1→TT2→TT3→TT4 Press enter to select.
	P.S:	

NOTE:

Use the ▲ and ▼ to move between the options,
 Press the Menu button again to select.

TV Setup Operating Instructions – VChip Control

This session is used to set VChip Control option.

Level1	Level2	Level3 / Function
<p>Main Menu</p> <div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	<p>TV Setup</p> <div style="border: 1px solid black; padding: 5px;"> AIR CATV Program Add Erase CH Close Caption VChip Control System Setup Return </div>	<p>VChip Control</p> <div style="border: 1px solid black; padding: 5px;"> Set password VChip Lock Class Option MPAA Option Return </div>

Press
【Enter】

Press
【Enter】

When you select this option, system will request password for entry.(default code is 3308) - Above function will explain at flowing session.

NOTE:

Use the ▲ and ▼ to move between the options,
Press the Menu button again to select.

TV Setup Operating Instructions – VChip Control – Set password

This session is used to re-set VChip Control password.

Level3	Level4 / Function
<p>VChip Control</p> <div style="border: 1px solid black; padding: 5px;"> Set password VChip Lock Class Option MPAA Option Return </div>	<div style="border: 1px solid black; padding: 5px; text-align: center;"> SET PASSWORD - - - - </div>

Press
【Enter】

Re-set password - Input the four digits Parent Control Password and Confirm using the Enter Button.

NOTE:

Use the ▲ and ▼ to move between the options,
Press the Menu button again to select.

TV Setup Operating Instructions – VChip Control – VChip Lock

This session is used to set VChip Control on or off.

Level3	Level4 / Function
<p>VChip Control</p> <div style="border: 1px solid black; padding: 5px;"> Set password VChip Lock Class Option MPAA Option Return </div>	<div style="border: 1px solid black; padding: 5px; text-align: center;"> Off On </div> <p>It will show 2 options at screen foot..</p> <p>Use the ◀ and ▶ to select. Press enter for confirm.</p>

Press
【Enter】

NOTE:

Use the ▲ and ▼ to move between the options, Press the Menu button again to select.

TV Setup Operating Instructions – VChip Control – Class Option

This session is used to set VChip Control class.

Level3	Level4 / Function	
VChip Control	Class Option	
<div style="border: 1px solid black; padding: 5px;"> Set password VChip Lock Class Option MPAA Option Return </div>	Press 【Enter】	<div style="border: 1px solid black; padding: 5px;"> TV-Y TV-Y7 TV-G TV-PG TV-14 TV-MA Return </div>
		All Children Directed to Older Children (above age of 7) General Audience Parental Guidance Suggested Parents Strongly Cautioned Mature Audience Only
NOTE:		
Use the ▲ and ▼ to move between the options, Press the Menu button again to select.		Press Enter menu button to select Blocked or Unblocked.

TV Setup Operating Instructions – VChip Control – MPAA Option

This session is used to select MPAA movie ratings. P.S: Motion Picture Association of America (MPAA)

Level3	Level4 / Function	Reference
VChip Control	MPAA Option	Movie ratings:
<div style="border: 1px solid black; padding: 5px;"> Set password VChip Lock Class Option MPAA Option Return </div>	Press 【Enter】	<div style="border: 1px solid black; padding: 5px;"> G PG PG-13 R NC-17 X Return </div>
		G: General Audiences. PG: Parental Guidance Suggested. PG-13: Parents Strongly Cautioned. R: Restricted NC-17: No One 17 and Under admitted X: Adult only.
NOTE:		
Use the ▲ and ▼ to move between the options, Press the Menu button again to select.		Press Enter menu button to select Blocked or Unblocked.

TV Setup Operating Instructions – System Setup

This session is used to set VChip Control option.

Level1	Level2	Level3 / Function
Main Menu	TV Setup	System Setup
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	Press 【Enter】	<div style="border: 1px solid black; padding: 5px;"> STD HRC IRC AUTO Return </div>
		Broadcast TV Frequency Allocations: STD = Standard HRC = Harmonic related carrier IRC = Interval related carrier AUTO = Auto
NOTE:		
Use the ▲ and ▼ to move between the options, Press the Menu button again to select.		

LANGUAGE Operating Instructions

This session is used to select the language display of OSD.

Level1	Level2	Level3 / Function
Main Menu	Language	
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	Press English 【Enter】	Press Enter menu button to select French, Spanish or English.
	NOTE: Use the ▲ and ▼ to move between the options, Press the Menu button again to select.	

Recall Operating Instructions

Level1	Level2	Level3 / Function
Main Menu		
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>		Automatically reset setting to factory defaults.
	NOTE: Use the ▲ and ▼ to move between the options, Press the Menu button again to select.	

Quit Operating Instructions

Level1	Level2	Level3 / Function
Main Menu		
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>		Quit – Exit the on-screen-menu controls
	NOTE : Use the ▲ and ▼ to move between the options, Press the Menu button again to select.	

Using the LCD as a Computer Monitor

Press and release the Menu button to display the following Main Menu :

MAIN DISPLAY Operating Instructions - PC

Level1	Level2	Level3 / Function
Main Menu Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit	Main Disp TV AV S–Video PC CVI Return NOTE: Use the ▲ and ▼ to move between the options, Press the Menu button again to select.	1. TV - TV Input Signal 2. AV Input Signal 3. S–VIDEO Input Signal 4. PC - Computer Input Signal 5. CVI - Component Video Input Signal 6. Return - Back to Main Menu




PC Setup Operating Instructions – Color

Level1	Level2	Level3 / Function
Main Menu Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit	PC Setup Color H Position V Position Phase Clock Auto Adjust Feature Return	Color 6500K 7500K 9300K User Color Return

NOTE:

Use the ▲ and ▼ to move between the options, Press the Menu button again to select.


PC Setup Operating Instructions – Color – User Color

Level3	Level4 / Function
Color 6500K 7500K 9300K User Color Return	User Color Red Red  125 Green Green  125 Blue Blue  125 Return

NOTE: Use the ▲ and ▼ to move between the options, Press the Menu button again to select. Use the ◀ and ▶ to select. Press enter for confirm.

★ All values on the gauge bar only for reference. For actual values please refer to factory defaults.


PC Setup Operating Instructions – H Position

Level1	Level2	Level3 / Function
Main Menu	PC Setup	
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	Press 【Enter】 <div style="border: 1px solid black; padding: 5px;"> Color H Position V Position Phase Clock Auto Adjust Feature Return </div>	 50 It will show the progress bar at screen foot. Use the ◀ and ▶ to adjust. Press enter for return.

NOTE: Use the ▲ and ▼ to move between the options, Press the Menu button again to select.

★ All values on the gauge bar only for reference. For actual values please refer to factory defaults.


PC Setup Operating Instructions – V Position

Level1	Level2	Level3 / Function
Main Menu	PC Setup	
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	Press 【Enter】 <div style="border: 1px solid black; padding: 5px;"> Color H Position V Position Phase Clock Auto Adjust Feature Return </div>	 50 It will show the progress bar at screen foot. Use the ◀ and ▶ to adjust. Press enter for return.

NOTE: Use the ▲ and ▼ to move between the options, Press the Menu button again to select.


★ All values on the gauge bar only for reference. For actual values please refer to factory defaults.

PC Setup Operating Instructions – Phase

Level1	Level2	Level3 / Function
Main Menu	PC Setup	
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	Press 【Enter】 <div style="border: 1px solid black; padding: 5px;"> Color H Position V Position Phase Clock Auto Adjust Feature Return </div>	 50 It will show the progress bar at screen foot. Use the ◀ and ▶ to adjust. Press enter for return. ★ All values on the gauge bar only for reference. For actual values please refer to factory defaults.

NOTE: Use the ▲ and ▼ to move between the options, Press the Menu button again to select.

PC Setup Operating Instructions – Clock

Level1	Level2	Level3 / Function
Main Menu	PC Setup	
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	Press 【Enter】	<div style="border: 1px solid black; padding: 5px;"> Color H Position V Position Phase Clock Auto Adjust Feature Return </div>
		 50 It will show the progress bar at screen foot. Use the ◀ and ▶ to adjust. Press enter for return.

NOTE:

Use the ▲ and ▼ to move between the options,
 Press the Menu button again to select.

★ All values on the gauge bar only for reference. For actual values please refer to factory defaults.

PC Setup Operating Instructions – Auto Adjust

Level1	Level2	Level3 / Function
Main Menu	PC Setup	
<div style="border: 1px solid black; padding: 5px;"> Main Disp Image Setup Audio Setup PC Setup TV Setup Language Recall Quit </div>	Press 【Enter】	<div style="border: 1px solid black; padding: 5px;"> Color H Position V Position Phase Clock Auto Adjust Feature Return </div>
		Automatically adjust the TV setting to fit for PC mode.

NOTE:

Use the ▲ and ▼ to move between the options,
 Press the Menu button again to select.

PC Setup Operating Instructions – Feature

This function is showing the signal information only.

1 2 8 0 * 1 0 2 4 7 5 H Z H : 80. 0KHZ V : 75. 0HZ

4. REFERENCE

About VChip Control

Class option

The following categories apply to programs designed for the entire audience.



[TVY All Children.](#)

This program is designed to be appropriate for all children. Whether animated or live-action, the themes and elements in this program are specifically designed for a very young audience, including children from ages 2 - 6. This program is not expected to frighten younger children.



[TVY7 Directed to Older Children.](#)

This program is designed for children age 7 and above. It may be more appropriate for children who have acquired the developmental skills needed to distinguish between make-believe and reality. Themes and elements in this program may include mild fantasy violence or comedic violence, or may frighten children under the age of 7. Therefore, parents may wish to consider the suitability of this program for their very young children. Note: For those programs where fantasy violence may be more intense or more combative than other programs in this category, such programs will be designated TV-Y7-FV.

The following categories apply to programs designed for the entire audience.



[TVG General Audience.](#)

Most parents would find this program suitable for all ages. Although this rating does not signify a program designed specifically for children, most parents may let younger children watch this program unattended. It contains little or no violence, no strong language and little or no sexual dialogue or situations.



[TVPG Parental Guidance Suggested.](#)

This program contains material that parents may find unsuitable for younger children. Many parents may want to watch it with their younger children. The theme itself may call for parental guidance and/or the program contains one or more of the following: moderate violence (V), some sexual situations (S), infrequent coarse language (L), or some suggestive dialogue (D).



[TV14 Parents Strongly Cautioned.](#)

This program contains some material that many parents would find unsuitable for children under 14 years of age. Parents are strongly urged to exercise greater care in monitoring this program and are cautioned against letting children under the age of 14 watch unattended. This program contains one or more of the following: intense violence (V), intense sexual situations (S), strong coarse language (L), or intensely suggestive dialogue (D).



[TVMA Mature Audience Only.](#)

This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17. This program contains one or more of the following: graphic violence (V), explicit sexual activity (S), or crude indecent language (L).

MPAA option

G: General Audiences -- All ages permitted.

PG: Parental Guidance Suggested -- Some material may not be suitable for children.

PG-13: Parents Strongly Cautioned -- Some material may be inappropriate for children under 13.

R: Restricted -- Under 17 requires accompanying parent or adult guardian.

NC-17: No One 17 and Under admitted.

(Reference to <http://www.mpa.org/>)

PC Display Modes

Mode	Resolution	Horizontal frequency (KHz)	Vertical frequency (Hz)
1	640 x 480	31.5 KHz	60.00Hz
2	800 x 600	37.88 KHz	60.30Hz
3	1024 x 768	48.3 KHz	59.90Hz
4	1280 x 1024	60.00 KHz	60.00Hz

Please note that the recommended vertical frequency for this television is 60Hz.

Cleaning LCD Monitor

1. Please make sure that you have turned off this machine.
2. Don't put any liquid on LCD Monitor or plastic box directly.

Please NOTE when cleaning the LCD monitor.

1. Gently wipe screen with a clean, soft, lint-free cloth to remove dust and other particles that can scratch the screen.
2. To clean the tough areas, use a soft, lint-free cloth with a few drops of water to remove the stubborn dirt.
3. Do not apply pressure to the surface of the TFT-LCD

When you clean the housing:

1. Use a soft, dry cloth to clean housing.
2. To clean tough areas, use a soft, lint-free cloth with a few drops of water to remove the stubborn dirt.

Troubleshooting

Please use the following table to resolve the most common possible causes of the problem before calling service personnel. A minor adjustment may eliminate the problem and restore your TV reception.

Symptom	Corrective Actions
No picture screen	<ol style="list-style-type: none"> 1. Check that power is turned on, or that power adapter lamp is lit. 2. Adjust brightness and contrast. 3. Check input signal of TFT-LCD. 4. Check the power connection to the unit with screen. 5. Check Main Display selection.
Picture is not clear	<ol style="list-style-type: none"> 1. Check that Video cable is plugged in. 2. Refer to the Picture Adjustments Menu in the OPERATING INSTRUCTIONS.
Image is fuzzy	<ol style="list-style-type: none"> 1. The power could be failing, try connecting the unit to another power outlet. 2. Move unit a way from the magnetic equipment, such as Wireless Receiver, AC Transformer ...etc. 3. Refer to the Picture Adjustment Procedure Menu in the OPERATING INSTRUCTIONS.
Colors are distorted	Check that the Video cable is plugged in securely.
Screen bounces or has wavy oscillations	<ol style="list-style-type: none"> 1. Check Video input range (V-sync : Max. 75Hz, H-sync : Max.48.08KHz) 2. Make sure Video cable connections are secure.
No sound	<ol style="list-style-type: none"> 1. Check speaker line connections. 2. Sound might be muted, try adjusting the volume.
Only one speaker operates	<ol style="list-style-type: none"> 1. Check audio wire connections with source device. 2. Check the unit's speaker wires are securely connected.
Remote Control inoperative	<ol style="list-style-type: none"> 1. Check for light or obstacle interference with remote control signal and move unit to another location. 2. Batteries are dead; replace batteries with new ones.
Poor Picture Reception and / or Poor Sound Quality	From TV SETUP mode, select the appropriate setting and Rerun AUTO PROGRAM.
When all else fails Reset the firmware	Turn on power. Press and hold the VOL+ button and VOL- on the top of the unit and hit the MENU button at the same time. For five seconds and release.

If the unit does not operate normally, after the operating instructions were followed. And the troubleshooting section did not help refer to dealer or qualified service personnel.

5. APPENDIX

Specifications:

Specifications	
Model No.	LT1960
LCD Panel	19" TFT-LCD Color Display
Total Display Color	16.7 millions
Contrast Ratio	800:1
TV System	RF NTSC System Only
TV Function	TV CCIR Standard System – NTSC-M
	TV Auto-install Channel
	Stereo Audio
	TV Remote Control
	Auto-install in advance Auto-scanning
	CATV 1~125CH, AIR 2~69CH
Brightness	250 nits
Scanning Backlight Life	50,000 hr
Viewing Angle	H-Position 160°, V-Position 160° (CR >= 10)
Audio Amplifier	2W × 2
Input Terminal AV Input	Terminal Input AV, S-Video, 15Pin D-sub(VGA), Component (YCbCr/ YPbPr)
ANT	DIN
H/P (earphone)	3.5Φ Hole
Display Language	English , French , Spanish
Power Adapter	AC Input 100 – 240V 50/60 HZ
Enclosure	Remote Control, Batteries. Power Cord, User's Manual

6. WARRANTY

CITIZEN WARRANTY

Consumer Electronics Products

Thank you for choosing Citizen!

Citizen Electronics gives the following express warranty to the original consumer purchaser or gift recipient for this Citizen brand product, when shipped in its original container and sold or distributed in Canada by Citizen Electronics or by an Authorized Citizen Dealer:

Citizen Electronics warrants that this product is free, under normal use and maintenance, from any defects in material and workmanship. If any such defects should be found in this product within the applicable warranty period, Citizen Electronics shall, at its option, repair or replace the product as specified herein. Replacement parts furnished in connection with this warranty shall be warranted for a period equal to the unexpired portion of the original equipment warranty.

This warranty shall not apply to:

- a. Any defects caused or repairs required as a result of abusive operation, negligence, accident, improper installation or inappropriate use as outlined in the owner's manual.
 - b. Any Citizen product tampered with, modified, adjusted or repaired by any party other than Citizen Electronics or Citizen's Authorized Service Centres.
 - c. Damage caused or repairs required as a result of the use with items not specified or approved by Citizen Electronics, including but not limited to head cleaning tapes and chemical cleaning agents.
 - d. Any replacement of accessories, glassware, consumable or peripheral items required through normal use of the product including but not limited to earphones, remote controls, AC adapters, batteries, temperature probe, stylus, trays, filters, cables and paper.
 - e. Any cosmetic damage to the surface or exterior that has been defaced or caused by normal wear and tear.
 - f. Any damage caused by external or environmental conditions, including but not limited to transmission line/power line voltage or liquid spillage.
 - g. Any product received without appropriate model, serial number and CSA/cUL markings.
 - h. Any products used for rental or commercial purposes.
 - i. Any installation, setup and/or programming charges.
- Should this Citizen product fail to operate during the warranty period,

warranty service may be obtained upon delivery of the Citizen product together with proof of purchase and a copy of this LIMITED WARRANTY statement to an Authorized Citizen Service Centre. In-home warranty service may be provided at Citizen Electronics' discretion on any Citizen television with the screen size of 27" or larger. This warranty constitutes the entire express warranty granted by Citizen Electronics and no other dealer, service centre or their agent or employee is authorized to extend, enlarge or transfer this warranty on behalf of Citizen Electronics. To the extent the law permits, Citizen Electronics disclaims any and all liability for direct or indirect damages or losses or for any incidental, special or consequential damages or loss of profits resulting from a defect in material or workmanship relating to the product, including damages for the loss of time or use of this Citizen product or the loss of information. The purchaser will be responsible for any removal, reinstallation, transportation and insurance costs incurred. Correction of defects, in the manner and period of time described herein, constitute complete fulfillment of all obligations and responsibilities of Citizen Electronics to the purchaser with respect to the product and shall constitute full satisfaction of all claims, whether based on contract, negligence, strict liability or otherwise.

WARRANTY PERIODS: Parts & Labour (exceptions noted)

- Audio Products: 1 Year (Remote Control, if applicable – 90 Days)
- DVD Products: 1 Year (Remote Control – 90 Days)
- LCD & Plasma Display TV: 1 Year (Remote Control – 90 Days)
- Microwave Ovens: 1 Year
- Television Products: 1 Year (Remote Control – 90 Days)
- VCR Products: 1 Year (Remote Control – 90 Days, Video Heads – 6 Months)

To obtain the name and address of the nearest Authorized Citizen Service Centre or Dealer, please contact:

Citizen Electronics, 455 Gordon Baker Road, Toronto, Ontario M2H 4H2 or visit our web site: www.citizen-electronics.com

For more information on this Warranty or Service Locations, please call (416) 499-5611 or toll free 1-800-663-5954, Monday to Friday 9:00am – 5:00pm Eastern Standard Time.