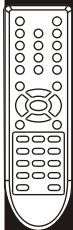
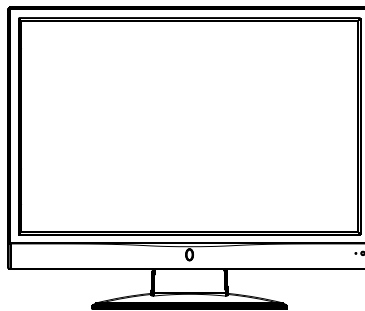


Skyworth

22" LCD TV/MONITOR
MODEL: LCD-22L5F



User Guide

Description: MANUAL(8M31)	
Job No. 83002H	Brand Name: SKYWORTH
Ref: 22L5F	P/No.
Revised:0	Scale:
Engineering Dept:	
Artwork By:	Date: 2008-05-07
Checked By:	Date:
Approved By:	Date:

WARNING AND PRECAUTION

Read all of the instructions before operating the set. Keep these instructions well for later use.

PRODUCT

- ◆ The ventilation should not be impeded by covering the ventilation openings with items, such as newspaper, table-cloths, curtains, etc.
- ◆ Do not push any objects of any kind into this unit through the cabinet slots as they could touch the current carrying parts or short-circuit parts, resulting in fire, electric shock, or damage to the unit.
- ◆ Unplug the set when it is not used for a long period of time.
- ◆ Do not dismantle this product by yourself as this may cause damage.
- ◆ Do not touch the screen surface with fingers as this may scratch or mar the LCD screen.
- ◆ Do not impact the LCD screen with hard pressure as this may damage the LCD screen severely.
- ◆ The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.

POWER

- ◆ Please use the core plug as required.

PLUG

Unplug the set under the following conditions:

- ◆ If the set will not be used for a long period of time.
- ◆ If the power cord or the power outlet/plug is damaged.
- ◆ Follow the instructions to install and adjust the product. Adjust those controls that are covered in this operating instructions as improper adjustment of other controls may result in damage. If this happens, unplug the set and refer to the service personnel.
- ◆ If the set is subject to impact or has been dropped to have the cabinet damaged.
- ◆ The mains plug is used as the disconnect device and shall remain readily operable.

POWER CORD & SIGNAL CABLE

- ◆ Do not allow anything to rest on or roll over the power cord & signal cable.
- ◆ Protect the power cord & signal cable from being trampled.
- ◆ Do not overload the power cord or power outlet.
- ◆ Do not expose the power cord & signal cable to moisture.

WARNING AND PRECAUTION

USE ENVIRONMENT

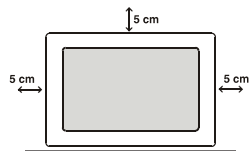
- ◆ Do not install this equipment in a confined space such as a book case or similar unit. To prevent injury, this apparatus must be securely attached to the wall mount fastened on the wall.
- ◆ Place the set on a place that allows good ventilation.
- ◆ Do not use the set near damp, and cold areas, protect the set from overheating.
- ◆ Keep away from direct sunlight.
- ◆ 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.
- ◆ Do not use the set near dust place.
- ◆ To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.
- ◆ No naked flame sources, such as lighted candles, should be placed on the apparatus.

CLEANING

- ◆ Dust the set by wiping the screen and cabinet with a soft, clean cloth or some special liquid cleaner.
- ◆ Do not apply excessive force to the screen when cleaning.
- ◆ Do not use water or other chemical cleaner to clean the screen as this may damage the surface of the LCD screen.

Installing your LCD TV set

❶ Positioning the television set



Place your TV on a solid, stable surface, leaving a space of at least 5 cm around the appliance.

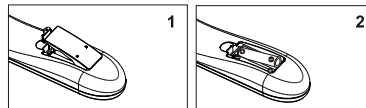
To avoid accidents, do not put anything on the set such as a cloth or cover, a container full of liquid (vase) or a heat source (lamp). The set must not be exposed to water.

❷ Connections

Insert the aerial plug into the  socket at the side of the set.

Insert the mains plug in the wall socket having a mains voltage of 220V AC, 50/60Hz.

❹ Remote control



- The remote control's effective range is 5 meters from the LCD screen at an angle of up to ± 30 degree. Direct light may affect the remote controls effective range.
- Avoid subjecting the remote control to shocks or vibrations.
- Avoid placing the remote control in humid and hot environments such as direct sunlight.
- Remove the batteries when not using the remote control for long periods.

IN THE BOX

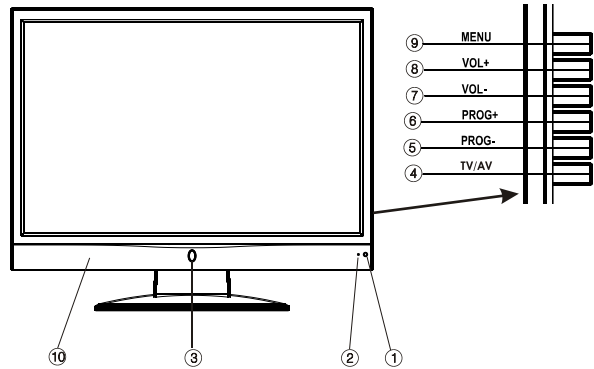
You should have:

- Television x1 set
- User Guide x1 pc
- Warranty Card x1 pc
- AAA battery x2
- Stand x1 pc
- Wall Mount x1 pc
- Remote Control x1 pc

Location of Controls

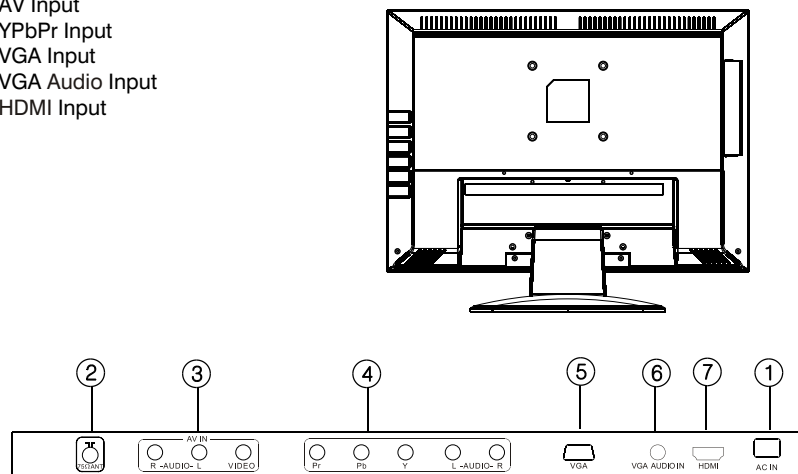
Front View of TV Set

1. Remote Sensor
2. Power Indicator
3. Power Button
4. TV/AV Button
5. PROG.- Button
6. PROG.+ Button
7. VOL.- Button
8. VOL.+ Button
9. Menu Button
10. Speakers



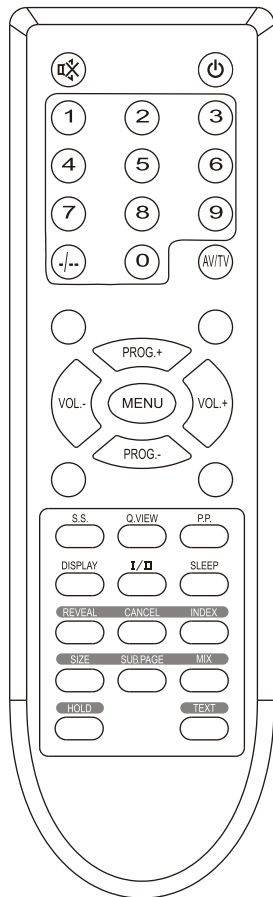
Rear View of TV Set

1. AC Input
2. TUNER Input
3. AV Input
4. YPbPr Input
5. VGA Input
6. VGA Audio Input
7. HDMI Input



Remote Control Functions

Remote Control Unit For TV



POWER Button

Switch the TV from on to standby or from off to operate.

MUTE Button

Press once to mute the sound, press again to return to previously set sound level.

DIGIT Button

This TV allows you to select channels from 0 to 199.

Press this button to select one-digit, two-digit or three-digit channels input options.

To select a one-digit channel (e.g. Channel 8), press this  button to change channel selection to "-" on screen display and press the "8" button only.

To select a two-digit channel (e.g. Channel 28), press this  button to change channel selection to "--" on screen display and press "2" and "8" buttons.

To select a three-digit channel (e.g. Channel 120), press this  button to change channel selection to "---" on screen display and press "1", "2" and "0" buttons.

AV/TV Button

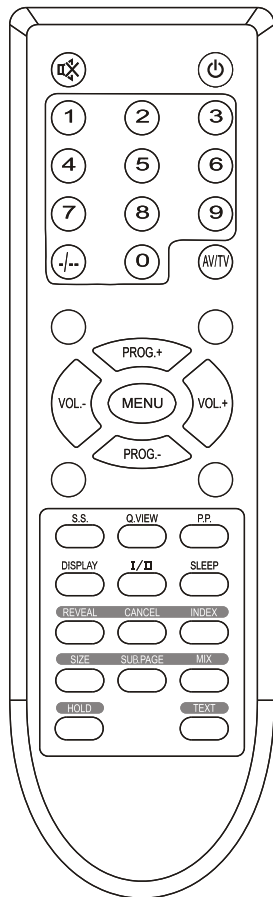
Press this button to switch among TV broadcast, AV input program and other source.
With wraparound.

TV → AV → YPbPr → PC → HDMI

MENU Button

Press this button to enter the menu screens for various optional adjustable settings.

Remote Control Unit For TV



PROGRAM UP/DOWN [PROG. +/-] Buttons
Press these buttons to select channels in ascending or descending order.

VOLUME UP/DOWN [VOL. +/-] Buttons
Press these buttons to adjust the volume level up or down.

Q.VIEW Button
Press this button to return to the previously viewed program.

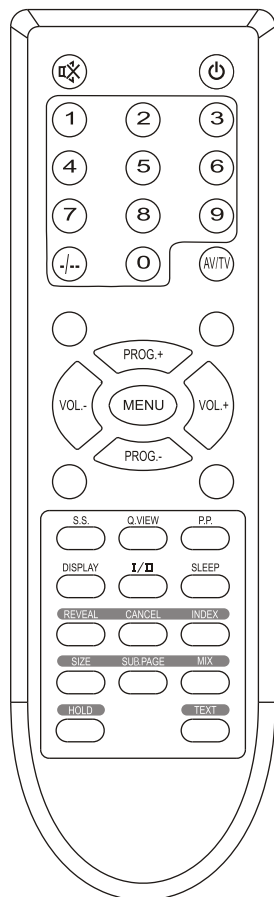
S.S. Button
Sound mode set(D/K, B/G, I, L, L')

P.P. Button
TV mode, press this button to adjust the picture mode.
PERSONAL → STANDARD → DYNAMIC → SOFT

DISPLAY Button
Press this button to display the settings on the screen. (e.g. Channel number for TV input, colour system, sound system and sound mode.)

I/I SOUND MODE SELECTION Button
When stereo program is received, press this button to select STEREO or MONO.
When bilingual program is received, press this button to select NICAM-I, NICAM-II or MONO.

Remote Control Unit For TV



SLEEP Button

This key is used to set the sleep time .
The choices are 15,30,45,60 ,90,120 and off.

REVEAL Button

Press the key to reveal/conceal the hidden information. Such as solutions to riddles and puzzles.

SIZE Button

Press the key to chang the screen format:
NORMAL,FULL,ZOOM.

CANCEL - inapplicability

INDEX - inapplicability

SUB.PAGE - inapplicability

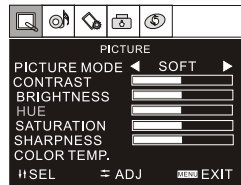
MIX - inapplicability

HOLD - inapplicability

TEXT - inapplicability

Operation Guide

PICTURE



Enter Picture menu, you can select **PICTURE MODE**, **CONTRAST**, **BRIGHTNESS**, **SATURATION**, **SHARPNESS**, **COLOR TEMP** items by pressing **PROG +/-** Buttons.

PICTURE MODE

Press the button to change the contrast and brightness and colour value of picture.

The choices are **PERSONAL-STANDARD-DYNAMIC-SOFT**, with wrap around.

CONTRAST

Press the **VOL +/-** button to increase/decrease the contrast of the picture.

BRIGHTNESS

Press the **VOL +/-** button to lighten/darken the picture.

SATURATION

Press the **VOL +/-** button to increase/decrease the colour saturation.

SHARPNESS

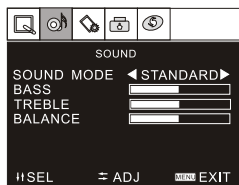
Press the button to sharpen or soften the picture.

COLOR TEMP.

Press the button to select a suitable colour temperature to display.

The choices are "Warm", "Normal", "Cool".

SOUND



Enter SOUND menu, you can select **SOUND MODE**, **BASS**, **TREBLE**, **BALANCE**, items by pressing **PROG +/-** Buttons.

SOUND MODE

Press the button to obtain special sound effects.

The choices are **PERSONAL-STANDARD-NEWS-MUSIC** with wrap around.

BASS

Press the **VOL+** or **VOL-** button to adjust the bass boost value.

TREBLE

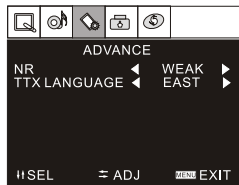
Press the **VOL+** or **VOL-** button to adjust the high frequency signal value.

BALANCE

Press the **VOL+** or **VOL-** button to adjust to the left to right sound channel volume.

Operation Guide

ADVANCE



Enter ADVANCE menu you can select NR , TTX LANGUANG ,AUTO FORMAT,items by pressing PROG +/- Buttons.

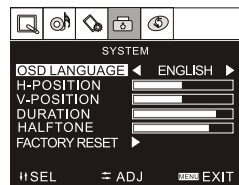
NR

Press the VOL+ or VOL- to obtain special effect from "OFF, WEAK, MIDDLE,STRONG"

TTX LANGUAGE

The choices are WEST, EAST, RUSSIAN, ARABIC, FARSI .

SYSTEM



Enter SYSTEM menu, you can select OSD LANGUAGE , H-POSITION , V-POSITION , DURATION , HALFTON , FACTORY RESET, items by pressing PROG +/- Buttons.

OSD LANGUAGE

The choices are ENGLISH, CHINESE.

H-POSITION

Moving the main menu position in left or right by pressing VOL +/- buttons.

V-POSITION

Moving the main menu position in up or down by pressing VOL +/- buttons.

DURATION

Changing the main menu s display time by pressing VOL +/- buttons.

HALFTONE

Chaning the main menu s background color by pressing VOL +/- buttons.

FACTORY RESET

The function can cancel all current channels.

Operation Guide

TV-CHANNEL



Enter TV-CHANNEL menu, you can select COLOR SYSTEM, SOUND SYSTEM, MTS, AUTO SCAN, MANUAL SEARCH, CHANNEL LABEL, FINE TUNE, SKIP, AFC, PROGRAM AREA, items by pressing PROG +/- Buttons.

COLOUR SYS

Press the button to select a new colour standard value in TV. The choices are AUTO, PAL and SECAM.

SOUND SYS

Press the button to select a new sound standard value in TV. The choices are B/G, D/K, I, L and L'.

MTS

Press the button to select different sound mode as NICAM I, NICAM II and MONO.

AUTO SCAN

The auto search action takes care of program tuning, storing and retrieving program information.

MANUAL SEARCH

The manual can get program you expect by PROG +/-, and can gain frequency accordingly by VOL +/-.

CHANNEL LABEL

can choose some channel you expect by PROG +/- or VOL +/-, and can name, delete and insert the one. The red marker is call some channel. When choosing some channel and pressing the red mark, it appears one small white frame and you can start to call the channel.

Note: moving the position by VOL +/-;

choosing the letter, number and sign by PROG +/-.

The green marker is delete some channel.

The yellow marker is insert some channel.

Enter submenu,

Pressing the red marker after call some channel and ok;

Pressing the green marker after call some channel and cancel.

FINE TUNE

Press VOL +/- button to adjust the little change of frequency.

SKIP

Press the skip to enable or disable the selected program from being tuned to by pressing VOL +/- Buttons. The choices are "on" and "off".

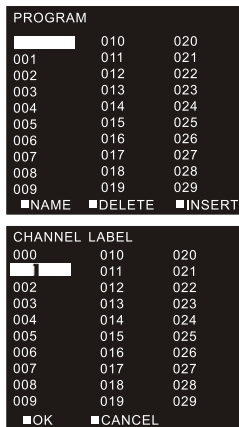
AFC

The choices are "on" and "off".

CHANNEL



CHANNEL LABEL



Operation Guide

Other sources

AV

Press the TV/AV Button to select the AV source .
In AV state, There are 4 general menus (Picture , Sound , Advance , System) supported all functions are the same as in TV mode.

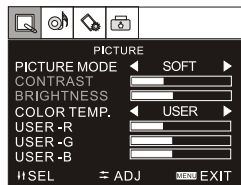
YPbPr

In YPbPr state, there are (Picture , Sound , Advance , System) supported all functions are the same as in TV mode.

HDMI

In HDMI state, There are 4 general menus (Picture , Sound , Advance , System) supported all functions are the same as in TV mode.

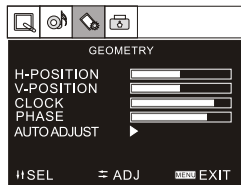
PC



In PC state, there are 2 general menus (sound , system) as TV. When entering the PC mode, select the PICTURE menu, you can select PICTURE MODE , CONTRAST , BRIGHTNESS , COLOR TEMP items are the same as in TV mode .
COLOR TEMP
Press the button to adjust the best visual effect of picture. the choices are user , normal , warm , cool. when choose the user, the following all items will adjust by VOL +/- . They are USER-R, are USER-G, are USER-R items by pressing PROG. +/- buttons.

When selecting GEOMETRY menu , you can select H-POSITION , V-POSITION , CLOCK , PHASE , AUTO ADJUST

GEOMETRY



H-POSITION

The H-Position menu allows control of horizontal position of the picture on the display.

V-POSITION

The V-Position menu allows control of vertical position of the picture on the display.

CLOCK

Changing the sampling clock in pc by pressing VOL +/- buttons.

PHASE

Changing the phase in pc by pressing VOL +/- buttons.

AUTO ADJUST

Start the auto-adjust procedure to automatically determine the values for horizontal position, vertical position, phase adjust and clock adjust.
Recommend: Don't change these values after auto adjust at best.

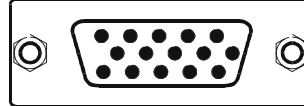
Operation Guide

Notice of PC connection

1. Power off both computer and display before making any connections.

- The monitor comes with a 15-pin PC socket. Connect the end of signal cable to the socket of the TV and connect the other end to the 15-pin connector to the computer.
- Tighten the screws of the Display cable until the connectors are fastened securely at both ends (finger-tighten only).
- If you are using Windows operating system running on a PC with a Microsoft Plug & Play compatible video card, your system will select the appropriate timing for your monitor.

15 Pin Mini D-Sub Connector



2. PC input typical display mode table:

The following table is an illustration of some of the typical video display modes.

1	640X480(recommend 60Hz)
2	800X600(recommend 60Hz)
3	1024X768(recommend 60Hz)

3. We can set different values in Frequency, phase, H-offset and V-offset. And we also can select the Auto adjust to adjust different picture modes automatically.

Component input (YPbPr)

The following table is an illustration of some of the typical video display modes.

1	480i
2	480p
3	576i
4	576p
5	720p(50/60Hz)
6	1080i(50/60Hz)
7	1080p(50/60Hz)

HDMI

The following table is an illustration of some of the typical video display modes.

	480p
	576p
	720p(50/60hz)
	1080i(50/60hz)
	1080p(50/60hz)
	640X480(recommend 60HZ)
	800X600(recommend 60HZ)
	1024X768(recommend 60HZ)

Tips(TV)

Please make these simple checks as indicated (●) on the chart for the respective symptoms and their possible remedies.

Symptoms	Possible Remedies									
	Try different channel	Check aerial connections on back of set	Re-orient aerial (if indoor type)	Probably local interference, such as an appliance	Adjust brightness control	Adjust contrast control	Check if station is broadcasting colour	Check if system is correctly set	Check if on/off switch is "on"	Check batteries in remote control unit
No picture, no sound	●	●	●	●				●	●	
Poor sound, picture OK	●	●	●	●						
Poor picture, sound OK	●	●	●	●	●			●		
Weak picture	●	●	●	●				●		
Blurred picture	●	●	●	●				●		
Double image	●	●	●	●						
Lines in picture	●	●	●	●						
Distorted picture	●	●	●	●				●		
Weak reception on some channels	●	●	●	●				●		
Horizontal bars	●	●	●	●						
Picture rolls vertically	●	●	●	●				●		
Poor colour	●	●	●	●	●	●	●	●		
No colour	●	●	●	●	●		●	●		
Misoperation of Remote control										●
Remote control unit no operation										●
On Screen Display Control outside the screen							●			