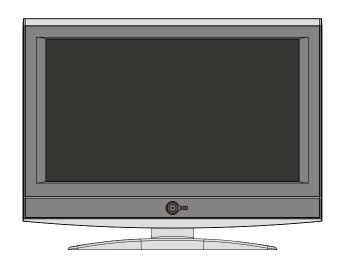
Skyworth

Model: LCD-32L16

User Guide

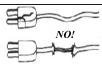


32" LCD Colour Television

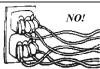
SAFETY PRECAUTIONS

MAINTENANCE

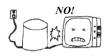
 When the power cord or plug is damaged or frayed, unplug this TV from the wall outlet and refer servicing to qualified service personnel.



 Do not overload wall outlets and extension cords as this can result in fire or electric shock.



 Do not allow anything to rest on or roll over the power cord and do not place the TV where the power cord is subject to traffic or abuse. This may result in a shock or fire hazard.



 If the TV has been dropped or the cabinet has been damaged, unplug this TV from the wall outlet and refer servicing to qualified service personnel.



 Never push objects of any kind into this TV through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock.



 Do not attempt to service this TV yourself as opening or removing covers may expose you to dangerous voltage. Refer all servicing to qualified service personnel.



 Do not place this TV on an unstable cart, stand or table. The TV may fall, causing serious injury to human and serious damage to the appliance.



 Avoid dusty places, since accumulated dust inside the chassis may cause failure of the TV when high humidity persists.



 Do not use this TV near water, for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, etc.



 Never cover the slots or openings of the TV with cloth or other material,



 Never block the bottom ventilation slots of the TV by placing it on a bed, sofa, rug, etc.



 Never place the TV near or over a radiator or heat register.



 Never place the TV in a "built-in" enclosure, unless proper ventilation is provided.



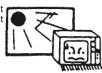
 The TV shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the TV.



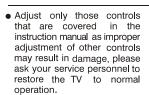
SAFETY PRECAUTIONS

MAINTENANCE

 Choose a place where light (artificial or sunlight) does not shine directly on the screen.



- If the TV does not work properly and you are unable to restore normal operation by following the TROUBLESHOOTING
 - THOUBLESHOOTING section in your instruction manual, do not attempt any further adjustment. Unplug the TV and consult service personnel.

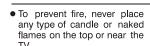




 For added protection for this TV during a lightning storm, unplug it from the wall outlet and disconnect the antenna or cable system.



 If a strange sound or smell gives off from the TV, please turn off and unplug it from the wall outlet, then refer to service personnel.





 Avoid any kind of impact to the TV. Be special careful not to damage the screen



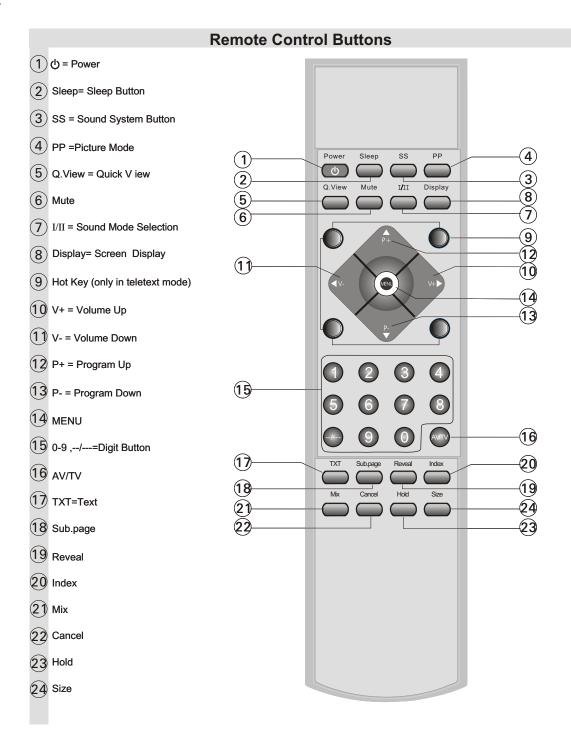
 If the TV is to remain unused for a period of time, turn off and unplug it from the wall outlet.



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The following page will show the remote control functions.

Remote control functions

1.POWER (STAND BY) BUTTON (())

Press this button to turn the TV on/stand by.

2.SLEEP BUTTON

Press this button to set the sleep timer. When the preset length of time has passed, the TV set Enters standby mode. The sleep timer values are follows: off,15,30,60,90,120.

3.SOUND SYSTEM BUTTON (SS)

Set the correct sound system in TV mode. Such as $\mathsf{DK},\mathsf{I},\mathsf{M},\mathsf{by}$ pressing this key .

4.PERSONAL PRESETS BUTTON (PP)

You can set the picture mode in User, Standard, Soft,Bright mode by pressing this button.

5.QUICK VIEW BUTTON (Q.VIEW)

This button toggles between the current programme and the previously watched programme. Pressing "Q. VIEW" swaps between the two last watched programmes.

6.MUTE BUTTON ((X)

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

7.STEREO/BILINGUAL SOUND(I/I)BUTTON (OPTION)

When stereo program is received, press this button to select STEREO or MONO. When bilingual program is received, press this button to select NICAM DUAL-1, NICAM DUAL-2, NICAMMONO.

8.DISPLAY BUTTON

Press this button to display the program information on the screen.(e.g. Channel number for TV input,sound mode,colour system).

9. HOT KEY(OPTION)

The four buttons are provided as a quick way to enter some pages.

10-11."V+" /"V- "BUTTONS

Press "VOL.+" / "VOL.-" Buttons to adjust sound level. Or adjust the volume of each item in the menu status.

12-13. "P+" / "P-" BUTTONS

Press"PROG.+" Or "PROG.-" button to select the program forwards or backwards.

14.MENU BUTTON (MENU)

Press this button to enter the menu mode for various Optional adjustable settings. To look for more information, Please turn to page 9.

15.PROGRAM SELECTION BUTTONS (0-9, --/---)

Use 0-9 digit buttons, you can directly call one or two digits program number that you want. Press -/-- after the screen display --or ---, You can press digit number button directly to select two / three digit numbers.

In CATV system if you want to watch the channel from 100 to 125, such as channel 123, please press "-/--"first, and press 2 and 3 in turn.

16.AV/TV BUTTON

Press this button to display external video signal such as SCART1/SCART2/AV/S-VIDEO/YPbPr/VGA/HDMI/TV. Using "PROG." + / "PROG.-" Button select item and

17.TXT BUTTON(OPTION)

This button is used for entering the teletext MENU.

18.SUB.PAGE BUTTON (OPTION)

Subcode mode, gives, the possibility to select certain subcode pages of a teletext page.

19.REVEAL BUTTON (OPTION)

Press this button to reveal the hidden information for so me Teletext pages press again to hide the information.

20.INDEX BUTTON (OPTION)

Press this button to enter the Teletext's index MENU.

21.MIX BUTTON (OPTION)

the button is used as closing /opening the teletext background..

22.CANCEL BUTTON (OPTION)

Press this button to appear the TV signal on the background.

23.HOLD BUTTON(OPTION)

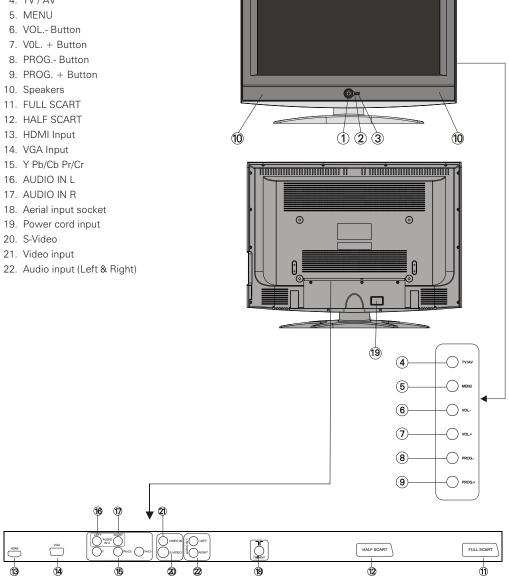
Press this button to hold the Teletext page no display to prevent the page from changing. Press again to release the hold state.

24.SIZE BUTTON

Press this button you can select differentimage sizes: 4:3 / Zoom 1 / Zoom 2 / Panorama / Full Screen.

Location of controls

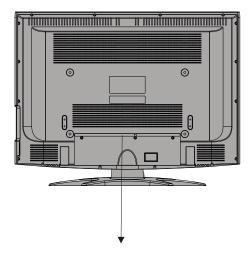
- 1. ON/OFF Switch
- 2. Power Indicator
- 3. Remote Sensor
- 4. TV / AV

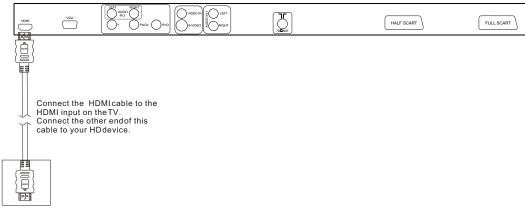


 $Note: Full scart \ is fully wired for Input and output and should be used for connections of VCR / DVDR ecorders.$ Half Scart has is wired for Input only to the TV and can be used for playback only such as Freeview/ Skybox/ and other external input sources only.

HDMI CABLE CONNECTIONS

- •IMPORTANT INFORMATION Power off both HD player and display before making any connections. Connect the supplied HDMI cable to the HDMI socket of the TV, connect the other end to the HDMI output socket of the HD player source.
- Connect the HDMI cable to the HDMI socket of the TV. Connect the other end to the HDMI output socket of the HD player source, HDMI cable will carry both Video and audio signals from the HD source to the TV.

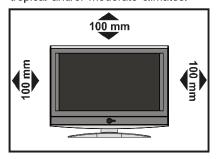




Device HDMI

Installation

Install Display on solid horizontal surface such as a table or desk. For ventilation, leave a space of at least 10 cm free all around the set. To prevent any fault and unsafe situations, please do not place any objects on top of the set. This apparatus can be used in tropical and/or moderate climates.



 Locate the receiver in the room where direct light does not strike the screen.

Total darkness or a reflection on the picture screen can cause eyestrain. Soft and indirect lighting is recommended for comfortable viewing.

- Allow enough space between the receiver and the wall to permit ventilation.
- Avoid excessively warm locations to prevent possible damage to the cabinet or premature component failure.
- This TV operates on AC supply directly, connect the AC plug to the socket at the back of the TV. Insert the mains plug in the socket having a mains voltage of 100-240V AC.
- Do not install the receiver in a location near heat sources such as radiator, air ducts, direct sunlight, or in a place somewhere like close compartment and close area.
- Do not cover the ventilation openings when using

Features

- Up to 200 programme memory.
- Twin Scart connections.
- Programme swapping.
- Sleep timer.
- 4:3,Zoom1,Zoom2,panorama and Full screen picture modes.
- When no TV signal is dectected, after 5 minutes the TV switches itself automatically to stand-bymode.
- CYS: PAL / NTSC
- SYS: DK / I/ M
- HDMI Input (support up to 1080i)
- PC Input (support up to 1080i)
- PIP
- NICAM Stereo / AV Stereo

Panel Features

- High resolution (1366x768),32 TFT LCD display.
- Brightness: 450cd/m²
- High-speed response time <8msec.
- 8-bit color depth, display 16.7M colors.
- High contrast ratio (850:1 Typital)
- Viewing angle:170°(H)/170°(V)(CR>10).

In The Box

You should have:

- Television
- SCART to RCA jack video connector
- Remote control
- User Guide
- Warranty Card
- 2 x AAA battery
- Stand
- Wall mount

Safety Precautions

1. Power Source

This TV should be operated only from a 100-240V AC,50/60Hz supply.

2. Power Cord

The power supply cord should be placed such that it is not likely to be walked on or pinched by items placed upon them or

against it. Pay particular attention to cord where it enters the plug, power outlet, and the point where it exits from the TV.

3. Moisture and Water

Do not use this equipment in humid or damp places (avoid the bathroom, the sink in the kitchen, and near the washing machine). Do not expose this TV to rain or water, as this may be dangerous.

4. Cleaning

Before cleaning, unplug the mains cable from the household supply. Do not use liquid or aerosol cleaners. Only use a soft dry cloth.

5. Ventilation

The slots and openings on the TV are intended for ventilation and to ensure reliable operation. To prevent overheating, these openings must not be blocked or covered in anyway.

6. Lightning

In case of storm or lightning or when going on holiday, disconnect the power cord and aerial lead from the wall outlet.

7. Servicing

Please refer all servicing to qualified personnel. Do not remove cover as this may result in electric shock.

8. Naked Flame Sources

Do not place naked flame sources on the TV.

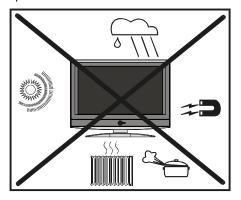
WARNING: When the device is not in use for a long periods, disconnect from power.

Instructions for waste disposal:

- Packaging and packaging aids are recyclable and should principally be recycled.
 Packaging materials, such as foil bag, must be kept away from children.
- Battery, including those which is heavy metal-free, should not be disposed of with household waste. Please dispose of used battery in an environmentally sound man-

ner. Find out about the legal regulations which apply in your area.

 Cold cathode fluoresant lamp in LCD PANEL contains a small amount of mercury, please follow local ordinates or regulations for disposal.



"DO NOT LEAVE YOUR TV IN STAND-BY OR ON WHEN YOU LEAVE YOUR HOUSE"

"The LCD panel is a high technology product with about a million thin film transistors, giving fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red. Please note that this does not affect the performance of the product."

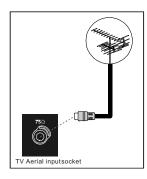
Before Switching on the TV

Power connection

IMPORTANT: This TV set is designed to operate on 100-240V AC, 50/60Hz only.

- After unpacking, allow the TV set to reach the ambient room temperature before connecting the set to the mains.
- The mains plug is used as the disconnect device, the mains plug shall remain readily operable.

Connections to the Aerial input socket



• Connect the aerial plug to the aerial input socket located at the back of the TV.

How to connect other devices

IMPORTANT: Switch off the TV before connecting any external device.

Sockets for external connections are at the rear and underside of the TV. For connection of other devices via Scart refer to the manuals of the related devices.

Inserting batteries in the remote control handset

- Remove the battery cover located on the back of the handset by gently pulling upwards from the indicated part.
- Insert two AAA (R03) Alkaline or equivalent batteries. Following the +/- marking in the battery compartment.
- · Replace the battery cover.





Precautions when using batteries

- Do not use old and new batteries together.
- Do not use different types of batteries (for example, Manganese and Alkaline batteries) together.
- Note that there are chargeable and nonchargeable batteries. Do not attempt to charge non-chargeable batteries.
- Remove the batteries from the remote control unit if you do not intend to use the unit for a long time.

NOTE:

- Do not drop the remote control unit.
- Do not subject the remote control unit to physical shocks.
- Keep the remote control unit dry. Wetting it may cause the unit to malfunction.
- Replace the batteries with new ones when operation of the unit deteriorates.

Switching the TV ON/OFF

To switch the TV on

Connect the main cable to the power input socket,

Press on/off switch at the rear of the TV. The TV switches itself and the LED indicator on the front of the TV change from red to green color quickly.

To switch the TV off

Press the " \circlearrowleft " button on the remote control or TV, the TV will switch to stand-by mode and the GREEN LED

Operating the TV

TUNING IN THE TV CHANNELS

Make sure that all connections including the TV aerial have been made before turning on the TV.

MENU BUTTON

1.Press menu button to display menu ,and press "VOL.+"or "VOL.-" to select sub menu.



Menu button has two functions: First is opening or slosing the menu, and the second is colsing the current menu and then opening the previous menu.

The menu will time out automatically after several seconds if it is left on the screen.

Press the "MENU" key on the remote control unit to cancel the menu function.

2.After entering an item, you can select the desired adjusting item by the "VOL.+"/"VOL.-" buttons, and adjust It by the "PROG.+"/"PROG.-" buttons.

Picture menu



Enter Picture menu, you can select Brightness, Contrast, Colour, Sharpness, Colour Temp and N.R. items by pressing "PRGO.+"or" PROG.-" buttons.

Brightness

Using the "VOL.+"/"VOL.-" button lighten/darken the picture.

Contrast

Press the "VOL.+"/"VOL.-" key to enhance/ reduce the contrast of the picture.

Coloui

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

Sharpness

Utilize the button to sharpen or soften the picture.

Colour Temp

Make use of the button to select a suitable colour temperature to display.

The choices are Normal, Cooler, Cool, Warm, Warmer.

N.R.

Press the button to adjust noise reduction , The options are Off, Low, Middle, High.

Sound menu



Enter Sound menu,you can select Volume,Balance, Surround,MSS and Equalizer items by pressing "PRGO.+" /"PROG.-" Buttons.

Volume

Press the "VOL.+" /"VOL.-" button to adjust the sound volume.

Balance

Choose the "VOL.+" /"VOL.-" button to adjust to the left to right sound channel volume.

Surround

Press the key to select surround mode, on/off.

MSS

Press the button to get bass or treble. The choice are on and off.

Equalizer

A tone control system designed to compensate for frequency distortion in audio systems. Enter Equalizer ,you can select 120HZ,500HZ, 1.5KHZ,5KHZ and 10KHZ items by pressing "PROG.+" /"PROG.-" Buttons and change the corresponding value of volume by pressing "VOL.+" /"VOL.-" Buttons.

Tuner menu



Followed by the Tuner menu, Program, Colour System, Sound System, Auto Tune, Tuning, Fine Tune, Prog. Sort and Skip are the items, which can be selected by pressing "PROG.+" / "PROG.-" buttons.

Program

Using the "VOL.+"/"VOL.-" buttons change program you expect.

Colour System

Press the button to select a new colour standard value in TV.

The Choices are AUTO,NTSC,PAL.

Sound System

Press the button to select a new sound standard value in TV.

The options are DK,I,M.

NOTE: This TV factory setto "I" UK sound. If changed to another setting whilstreceiving a UKTV station this will result in loss of sound. Change back to "I" to restore the

AUTO Tune

- 1. Press MENU button.
- 2. Press VOL+/-button and highlight the TUNING
- 3. Press PROG button and highlight AUTOTUNE.
- 4. Press VOL+button to start the automatic tuning
- 5. After a few minutes the tuning will end and the first station stored will show on the TV screen.
- 6. Change channels by pressing the PROG+/PROG-

Notice: Only after finishing auto tune, channels will be sorted. If you break the process during the auto tune period, channels will be searched and stored, however, the channel will not be sorted into their correct channel order.

Manual Tuning

- 1. Press Menubutton
- 2. Press Vol+ or -button repeatedly until the TUNER
- icon is highlighted.
 3. Press the PROG- button and highlight Program and change the Channel number showing to the number that you wish to store or change the TV station showing by pressing Vol+/- button.
- 4. Press Prog- button repeatedly and highlight MANUAL TUNE.
- 5. Start the manual tuning process by pressing the
- VOL+ or VOL-button.

 6. When the desired TV station is showing press the MENU button to return the TV to its normal operation. The TV station will be automatically stored into the channel number that was previously inputted.
- 7. To store further channel repeat above steps but this time change the channel number instep 3 to your next desired stored channel number 2,3, etc.

Fine Tune

Press "VOL.+"/"VOL.-" button to adjust the little change offrequency.





Prog. Sort
Press Vol+to enter.

User can set the two channel numbers that want to swap in program 1 and program 2, select the "swap" item, press Vol+ button to perform swapping.

press the skip to enable or disable the current program being tuned by pressing Vol+ or Volbuttons the choice are "on" and "off".

Function menu



In the Function Menu, OSD languages and APS related options are displayed on the screen.

Menu Language

The Language is English and Chinese.

Txt Language(Option)

The teletext language is UK, East Euro, Greece, Cyrillic,

Country (Option)

Select your location country: UK / Greece / Hungary/ Italy / Norway / Netherlands / portugal / Poland / Sweden / Slovenia / Slovakia / Turkey / Austria / Belgium / Switzerland / Czech / Germany / Denmark/ Spain / France / Finland.

Notice: Different countries will effect the sort process in AUTOTUNE.

Factory Reset (Option)

Press "VOL+" key to delete all previously stored program information.

PIP menu



The last Menuis PIP menu, you can select Mode, PIP H-POS, PIP V-POS, Brightness, Contrast, Sub Source and Swapitems by pressing PRGO+/-

Mode

The choices are PIP and Off. Only bychoosing PIP, you can enter PIP H-POS, PIP V-POS, Brightness, Contrast, Sub Source and Swap items.

PIP H-POS

Press the button to change horizontal position. PIP V-POS

Press the button to change vertical positon.

Note PIP (Picture In Picture) is used to display an external source such as HDMI/VGA/YPbPr box at same time as displaying the TV channel that you are watching.

Brightness

Press the "VOL.+"/"VOL.-"button to lighten/darken the picture in PIP state.

Press the "VOL.+"/"VOL.-" button to increase/ decrease the contrast of the picture in PIP state.

Sub Source

The choices are VGA, HDMI, YPbPr.

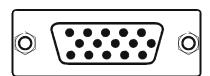
Swap
Press "VOL.+" button to swap the picture between PIP and TV state.

PC MODE

Installation

- · 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.

15 Pin Mini D-Sub Connector



- 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.

MENU in PC Mode

Enter menu by pressing the "MENU" button on the remote control.

Picture menu



Sound menu



Adjust menu



 $\label{lem:using} Using ``PROG.+''/PROG.- to select different items, press ``VOL.+''/VOL.-'' to set different values in Frequency, phase, H-position and$

When you select Auto adjust pressing "VOL.+" to adjust different pitcture modes automatically.

Function menu



PIP menu



In PC modes, the sub source options are TV,AV, SCART 1,SCART2,S-VIDEO, which are defferent from TV mode.

PC Input typical display modes.

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

HDMI Input Resolutions

PIP menu



In the PIP menu, the external sources that can be used source are TV,AV, SCART 1,SCART 2,S-Video.

HDMI Input typical display modes.

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

YPb Pr Mode(Component input)

The menu of YPb Pr mode is exactly same as the menu of HDMI mode.

YPbPr Input typical display modes.

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)
ĺ	6	1080i(50/60Hz)

Teletext (OPTION)

Teletext is an information system that displays text on the TV screen. Using the Teletext information system you can view a page of information on a subject that is available in the list of contents (index).

On screen display is not available in text mode.

Contrast, brightness or colour control is not available, but volume control is available in text mode.

To operate Teletext

- Select a TV station on which Teletext is being transmitted.
- Press "Text" button. Usually the list of contents (index) is displayed on the screen.

To select a page of Teletext

 Press the appropriate digit buttons for the required Teletext page number.

The selected page number is displayed at the top left corner of the screen. The Teletext page counter searches until the selected page number is located, so that the desired page is displayed on the screen.

- Press "PROG.+" button to move the Teletext screen forward one page at a time.
- Press "PROG.-" button to move the Teletext screen backward one page at a time.

To Select Index Page

• To select the page number of the index (generally page 100), press "MIX" button.

To mix Teletext with a TV Programme

- Press "MIX" button. The text is now superimposed over the programme on the screen.
- Press " MIX " button again to return to the Teletext page.

To Select Double Height Text

- Press "SIZE" button for the top half of the in- formation page to be displayed in double height text.
- Press "SIZE" button again for the bottom half of the information page to be displayed in double height text.
- Press "size" button once more for the full page of normal height text.

To Reveal "concealed" Information

- Pressing "REVEAL" button once will reveal answers on a quiz or games page.
- Pressing "REVEAL" button again will conceal the revealed answers.

To Stop Automatic Page Change

The teletext page selected may contain more information than that shown on the screen; the rest of the information will be displayed after a period of time.

To Select a Subcode Page

Subcode pages are subsections of long Teletext pages that can only be displayed on the screen one section at a time.

- · Select the required Teletext page.
- Press "SUB.PAGE" button.
- Select the required subcode page number by pressing four digit buttons (e.g. 0001).
- If the selected subcode page is not displayed in a short time, press "SUB.PAGE" button. TV programme will be displayed on the screen.
- Teletext page number will be displayed on the upper left corner of the screen when the selected page is found.

Fastext

This TV supports a **500** page Teletext system. When the page number of any of the 7 pages in memory is entered, the system will not search for the requested page; instead it will display the page automatically.

- Press " PROG.+ "button to move the Teletext screen forward one page at a time.
- Press " PROG.- " button to move the Teletext screen backward one page at a time.

For Fastext

The subject-heading for the information may have a particular colour.

 Press an appropriate Red, Green, Yellow or Blue button in order to reach the relevant page quickly.

To Cancel TEXT

- Press "CANCEL" button to clear the TEXT. But the page number is still displayed on the left top of the screen. NOTICE: However, Teletext is playing all the same on the background at the time.
- Press "CANCEL" button again to resume the TEXT.

To Freeze TEXT

Press "HOLD" button to hold a Text page. This means the page will not change and refresh.

Press the button again to release the hold state.

To exit Teletext

 Press the "TEXT" button. The screen will switch to TV mode.

Service Tips

BEFORE CALLING FOR SERVICE, HAVE YOU	
CHECKED () THE FOLLOWING CHART	
	
ON SYMPTOMS AND SOLUTIONS?	
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Symptoms Symptoms	Try different channel, if OK, probably stail Check aerial connections on back of set Re-orient aerial (if indoor type) Adjust fine tuning control Adjust brightness control Check if station is broadcasting colour Check if station is broadcasting colour Check if system switch is correct Check if only ff switch is "on"
Symptoms 8	Try different channel, if OK, probably station trouble Check aerial connections on back of set Check aerial for broken wires Probably local interference, such as an appliance Adjust brightness control Check if station is broadcasting colour Check if station is broadcasting colour Check if system switch is correct Check if ontrol Check if ontrol Check if system switch is correct Check stationis broadcasting colour Check if system switch is correct Check stationis broadcasting colour Check if system switch is correct Check stationis broadcasting colour Check stationis in Remote control
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	
No Remote control	
On Screen Display Control outside the screen	