GULCD19HDK

19" LCD TV

WITH REMOTE CONTROL

GRUNDIG

USER GUIDE

Introduction

Thank you for buying this GULCD19HDK TV which is designed to give you many years of trouble-free service.

You may already be familiar with using a television but do please take time to read these instructions. They are designed to familiarise you with the unit's many new features and to ensure you get the very best out of your purchase.

Safety is Important

Your safety and the safety of others is important. Please, therefore, ensure you read the Safety instructions on page 4 **before** you operate this GULCD19HDK TV.

NOTE: *This 19" LCD TV is referred to throughout this user guide as TV.*

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Safety Precautions

Please read all the safety information before use.

Safety Considerations

- Position the power supply lead so that it cannot be walked on or pinched by items placed on or against it.
- Do not use the TV in humid or damp conditions.
- Do not allow the TV to get wet.
- Do not expose the TV to splashing or dripping.
- Do not expose the TV to naked flames.

Power Source

You should only plug the TV into a 230V to 240V AC, 50Hz supply.

High Voltage

- Do not remove the rear cover as high voltage components are accessible.
- Disconnect the TV from the power supply when the TV is not to be used for a prolonged period of time.

Cleaning

- Disconnect the TV from the power supply before you clean it.
- Do not use liquid or aerosol cleaners.
- Clean your TV with a soft, damp (not wet) cloth.

Ventilation

- The slots and openings on the TV are for ventilation. Do not cover or block them as it may cause overheating.
- NEVER let children push anything into the holes or slots on the case.

Servicing

- There are no user serviceable parts in this TV.
- When servicing, refer to qualified service personnel.
- Consult your dealer if you are ever in doubt about the installation, operation or safety of this TV.

Electrical Information

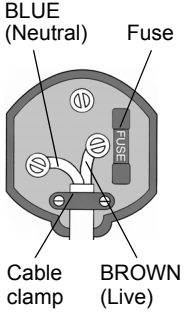
This appliance is fitted with a BS1363/A 13 amp plug. If it is not suitable for your supply sockets it must be removed and replaced with an appropriate plug. If the plug becomes damaged and/or needs to be replaced please follow the wiring instructions below. The plug removed must be disposed of immediately. It must not be plugged into a supply socket as this will be an electrical hazard.

If the fuse needs to be replaced it must be of the same rating and ASTA approved to BS1362. If the plug is changed, a fuse of the appropriate rating must be fitted in the plug, adapter or at the distribution board. If the fuse in a moulded plug is replaced, the fuse cover must be refitted before the appliance can be used.

Wiring Instructions

The supply cable will be either 2-core or 3-core. Follow the appropriate wiring instructions given opposite. In both cases ensure that the outer sheath of the cable is firmly held by the cable clamp.

2 - CORE



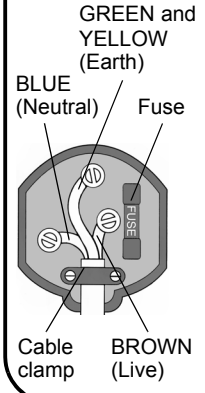
WARNING! Do not connect either wire to the earth terminal.

This symbol indicates that this 2-core appliance is Class II and does not require an earth connection.

The wire coloured blue must be connected to the terminal marked with the letter N or coloured black.

The wire coloured brown must be connected to the terminal marked with the letter L or coloured red.

3 - CORE



WARNING! This appliance must be earthed.

The wire coloured green and yellow must be connected to the terminal marked with the letter E, or by the earth symbol, ⏚, or coloured green or green and yellow.

The wire coloured blue must be connected to the terminal marked with the letter N or coloured black.

The wire coloured brown must be connected to the terminal marked with the letter L or coloured red.

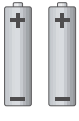
Getting Started

Remove your TV carefully from the box. You may wish to store the packaging for future use.

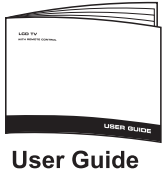
In the box

TV

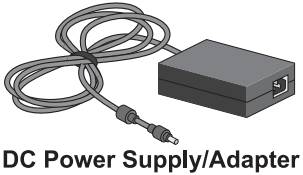
Remote Control



2 x AAA Batteries



User Guide



DC Power Supply/Adapter

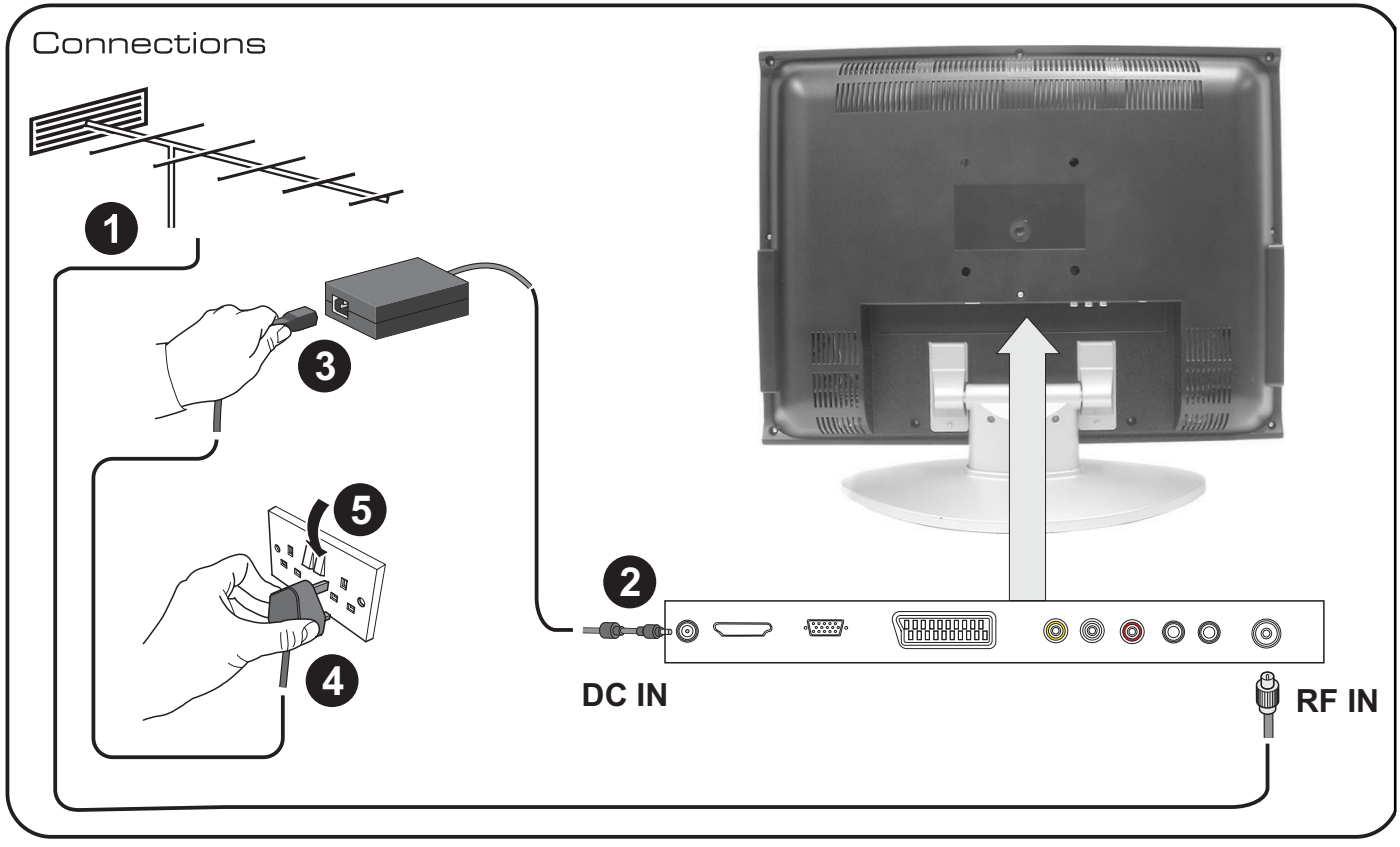
AC Power Cord

If any items are missing, please contact Product Support

Telephone: 0870 920 1101

Internet: www.grundig.co.uk

Quick Setup

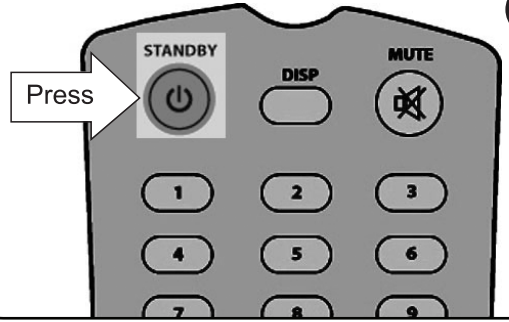


Insert remote control batteries

6

Turn on

7



Connecting External Equipment

You can connect a wide range of audio and video equipment to your TV.

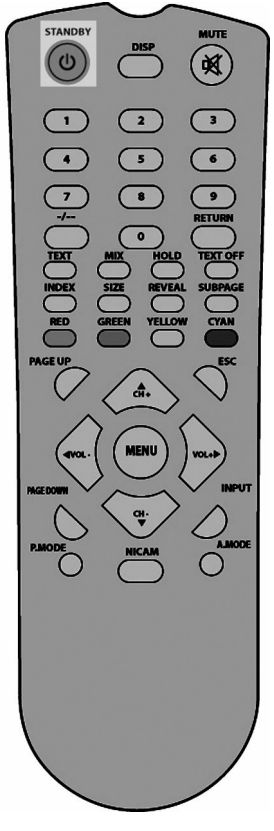
NOTE: *Refer to the manufacturer's guide for further instructions on how to connect the equipment.*

The following table lists a range of the available connectors on the TV.

Connector	Purpose
ANT	Receives TV signals from an external aerial.
H/P	Transmits audio signals to a set of personal headphones.
Euro AV (SCART)	Receives a complete AV (Audio Visual) signal.
S-Video	Receives high quality video signal only (no audio).
AV Video (Yellow)	Receives video signal only (no audio).
AV Audio (Red) (White)	Receives audio signals. White (Left), Red (Right)

Connector	Purpose
PC Audio In	Receive the audio signal from your PC.
HDMI	Receives High Quality HDMI input

Switching On



Mains Power

Complete all connections before connecting to the mains supply.

- Connect the Adaptor block to the DC IN socket
- Connect the mains lead to the Adaptor block
- Insert the mains plug into the mains socket.
- Switch the mains power on.

NOTE: *When not in use, disconnect the 3-pin plug from the mains power supply.*

When the TV is successfully connected to the power supply, the standby indicator on the front of the TV will illuminate red. The TV is now on Standby (Power Off) and the screen remains blank.

1. Press the **STANDBY** button on the side of the TV or the remote control.

The standby indicator on the front of the TV will turn green and the picture will appear after a few seconds.

The Remote Control

Inserting Remote Control Batteries

1. On the back of the remote control, push up the catch on the battery compartment cover and lift to remove it.
2. Insert the two AAA batteries, ensuring that you follow the polarity diagram inside the battery compartment.
3. Refit the cover.

We recommend the use of Ever Ready Energizer batteries.

Battery Disposal

Please ensure batteries are disposed of safely. Never dispose of batteries in the fire or with household waste. Check with your local authority for disposal regulations.

Identification of Controls

Front

1. **Power**
   Switches the TV to stand-by and on again. The TV is only completely disconnected from the mains if the plug is pulled out.
2. **Menu**
   Activates the On-screen menus.
3. **Volume Up/Down**
   Volume adjust buttons. Also used to move left and right whilst navigating on-screen menus.
4. **Programme Up/Down**
   Channel select buttons. Also used to move up and down whilst navigating on-screen menus.
5. **TV/AV**
   Scrolls through the available Input sources.
6. **Speakers**
7. **Remote Control Sensor**
8. **Standby Indicator**
9. **Stand**

Rear

DC Input
Insert the mains adapter lead here.

HDMI Input
High Quality Audio/Video input socket for connecting an external device fitted with an HDMI output.

PC - RGB Input
Video input from your PC.

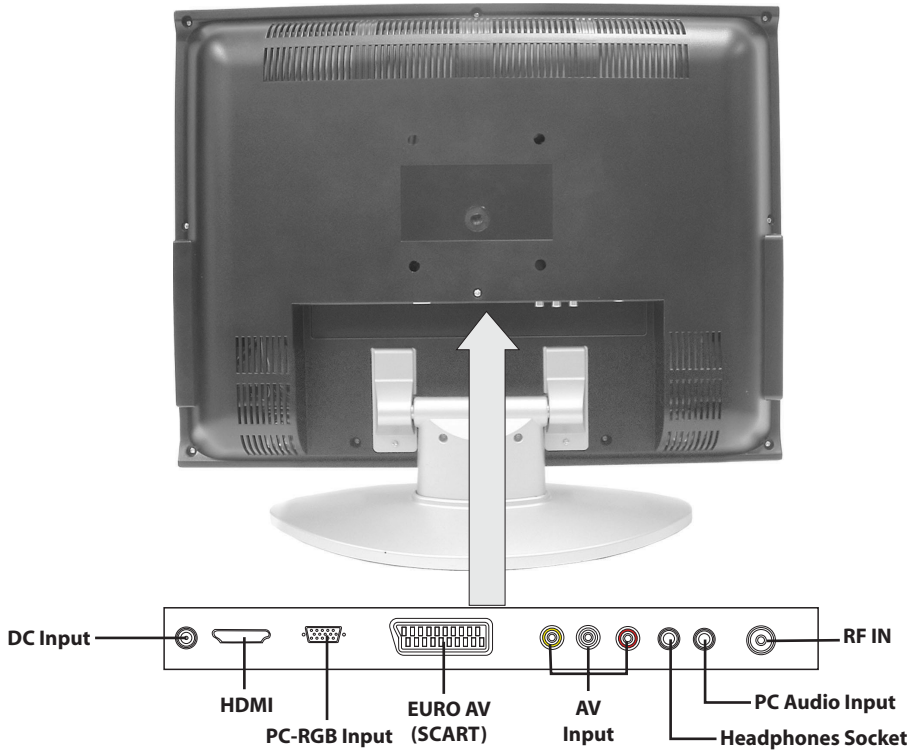
EURO AV (SCART Connection)
Audio visual socket for connecting an external input device with a EURO AV connector.

AV Input
Input sockets, for connecting an external input device.

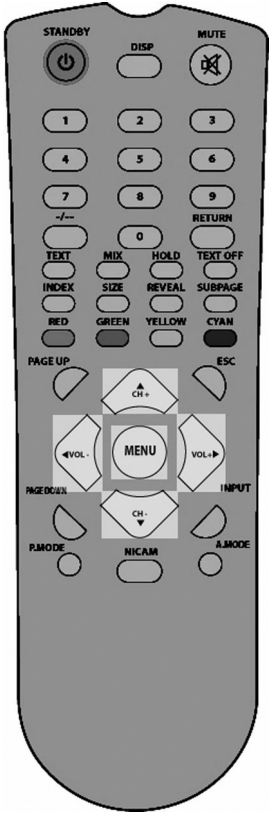
HEADPHONES Socket

PC Audio Input
Audio input from your PC.

RF IN(Aerial Connection)
RF input socket, for connecting an external aerial.



Setting Up the TV



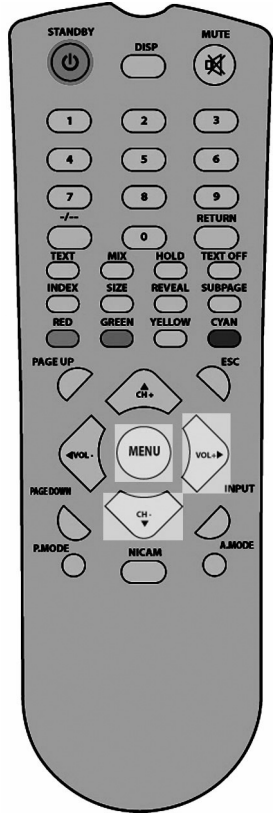
If this is the first time the TV has been switched on. No signal will be received.

To tune the TV for the first time, please refer to the quick start guide supplied.

Menu Navigation

The basic controls needed to go through the menu screens are as follows:

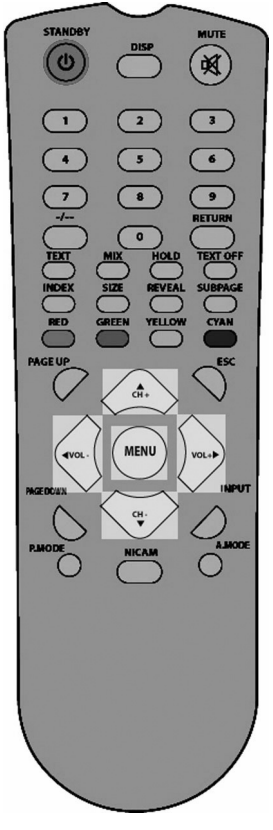
1. Press the MENU button to cycle through the On-screen menu.
2. Press the UP/DOWN ARROW buttons to move up and down the On-screen menu.
3. Press the LEFT/RIGHT ARROW buttons to move left and right when navigating the On-screen menu.



Tuning

1. Press the **MENU** button 3 times to activate the TV menu.
2. Press the **DOWN ARROW** button to highlight **AUTO SEARCH**.
3. Press the **RIGHT ARROW** button, the auto tuning process will begin. This may take several minutes to complete.

NOTE: *To receive a TV signal, you can use an outdoor or indoor aerial. However, if you live in a poor reception area you may experience loss or corruption of teletext transmissions when using an indoor aerial.*



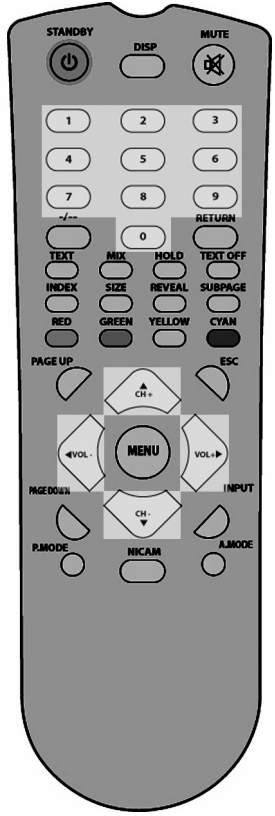
Channel Position

The automatic tuning may not store the channels in the order you require. For example, BBC1 might be stored in channel position 4 and Channel 4 might be stored in channel position 1. Using the **SETUP** menu, channel positions can be swapped to obtain the correct order.

After you have performed an auto tune (see previous page):

1. Press the **MENU** button 3 times to activate the TV menu.
2. Press the **DOWN ARROW** button to highlight **SWAP**.
3. Press the **RIGHT ARROW** button to enter the swap menu.
4. Select the first channel using the **LEFT/RIGHT ARROW** buttons.
5. Press the **DOWN ARROW** button.
6. Select the second channel using the **LEFT/RIGHT ARROW** buttons.
7. Press the **DOWN ARROW** button to highlight SWAP.
8. Press the **RIGHT ARROW** button to swap the locations of the two channels you just selected.
9. Press the **MENU** button repeatedly to exit the On-screen menu.

Using the TV



TV Controls

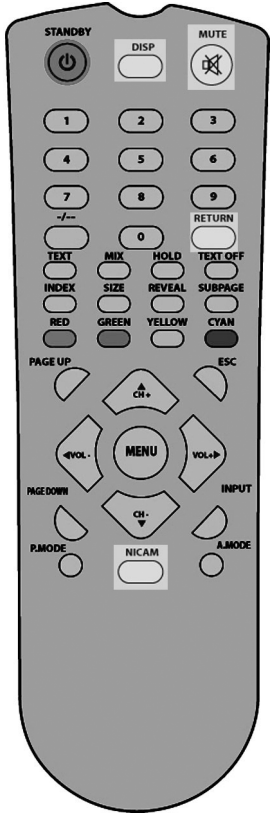
Programme Selection

You can use the controls on either the TV or remote control to select channels.

1. Press the CH +/- buttons on the TV or remote control, or press a NUMBER button on the remote control to select a programme.

Volume

1. Press the VOL+/- buttons on the TV or remote control to adjust the volume.



Mute

1. Press the MUTE button on the remote control to mute the sound. The mute symbol will be shown for a couple of seconds in the top left hand corner of the screen.
2. Press the MUTE button again to restore the sound. The mute symbol will disappear from the screen.

NOTE: Pressing either of the VOL+/- buttons will also restore the sound.

Display

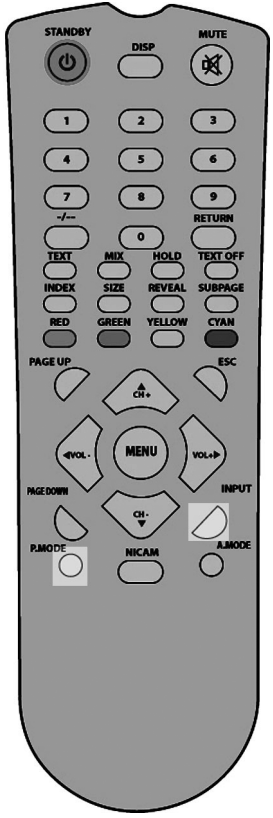
1. Press the DISP button on the remote control. Information will appear on screen giving the user settings and channel information.
2. Press the DISP button again to remove the information from the screen.

RETURN

1. Press the RETURN button to swap between the programme you are watching and the last selected programme. i.e. If you were watching BBC 1 and change to Channel 5, press the RETURN button to return to BBC 1.
2. Press the RETURN button again to return to Channel 5.

Mono/Stereo

1. Press the NICAM button to switch between MONO or STEREO reception.



Picture Preset

The TV has four preset conditions that alters all the options in the VIDEO MENU to give a different picture quality.

NOTE: The Picture Preset function is not available through navigation of the on screen menus.

Press the P.MODE button repeatedly to scroll through and select one of the following options:

- Standard - Used for general viewing.
- Vivid - Used for brighter image with strong colouring.
- User - User defined settings.
- Soft - Used for a softer image with weaker colouring.

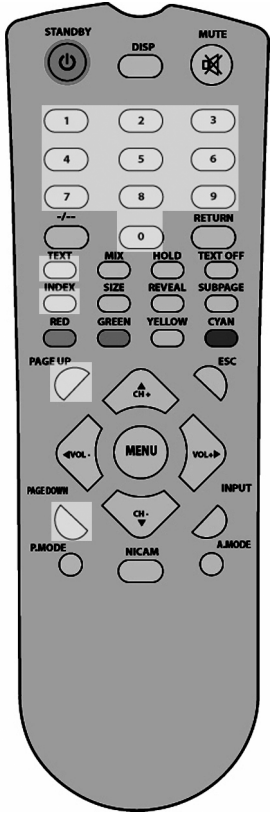
Standard, Vivid, User and Soft will appear at the bottom of the screen.

Input selection

Press the INPUT button repeatedly to scroll through and select one of the following input options.

- TV - RF Signal (TV Aerial)
- SCART - Signal from the SCART socket
- AV - Signal from AV sockets
- SVIDEO - Signal from S-Video socket
- PC-RGB - Signal from PC-RGB socket
- HDMI - Signal from HDMI socket

Using Teletext



Teletext is an information system that displays text on your TV screen. Using the teletext control buttons you can view pages of information that are listed in the teletext index.

NOTE: *No On-screen display is available in text mode. The contrast, brightness and colour cannot be changed but the volume control is still available.*

NOTE: *Make sure the TV channel you are watching transmits teletext.*

To Enter Text Mode

1. Press the **TEXT** button. The text page will appear, normally the index page.

To Select a Page of Text

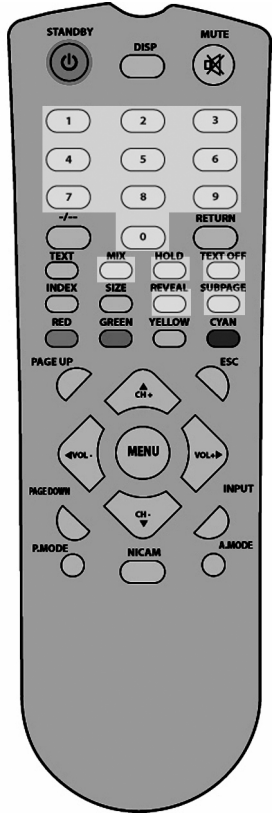
2. Find the number of the page in the index and enter it by pressing the **NUMBER** buttons. The number of the page will appear in the top left hand corner of the screen.

The page counter will search for your page. When it finds it, the page will be displayed.

3. Press the **PAGE UP** button to move to the next page of text.
4. Press the **PAGE DOWN** button to move to the previous page of text.

Index

1. Press the **INDEX** button to go to the index page.



Mix

1. Press the **MIX** button to view a page of text whilst watching a TV programme. The text will be superimposed over the TV programme.

To Exit Text Mode

1. Press the **TEXT OFF** button. The screen will return to the channel you were watching.

Page Stop

If the page of text you have selected contains sub-pages, these sub-pages will automatically be displayed in order with a delay to allow you to read the page.

1. Press the **HOLD** button to stop the move to the next sub-page. The hold symbol will appear in the top left hand corner of the screen.
2. Press the **HOLD** button again to continue cycling through the sub-pages.

To Reveal Information

1. Press the **REVEAL** button to reveal concealed information (quiz answers etc.).
2. Press the **REVEAL** button again to conceal the information.

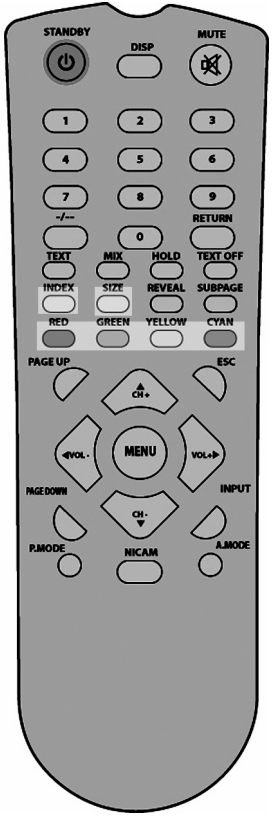
Sub Page

If the page of text you are viewing contains sub-pages, the number of the sub-page you are on and the total number of sub-pages is displayed on the right of the screen i.e. 1/7.

To select a sub-page, press the **SUBPAGE** button. S**** will appear in the top left hand corner of the screen.

Enter the number of the sub-page, using the **NUMBER** buttons in the format 0001 for sub-page 1.

The teletext will search for the sub-page.



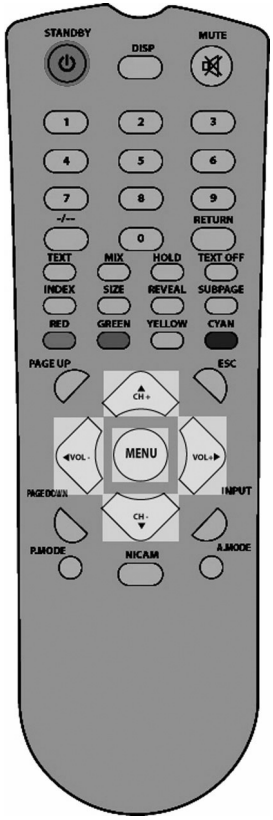
Fast Text

At the bottom of the teletext screen is a row of subject headings in red, green, yellow and blue.

1. Press one of the coloured **FAST TEXT** buttons on the remote control to access these pages.
2. Press the **INDEX** button to return to the main page.

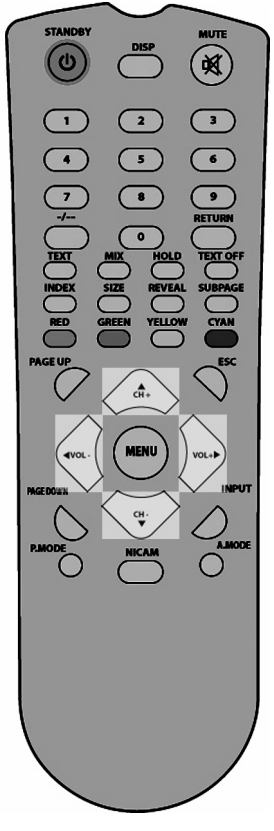
Size

1. Press the **SIZE** button to enlarge the text shown on the teletext screen. Only one half of the page is shown.
2. Press the **SIZE** button again to view the second half of the page.
3. Press the **SIZE** button a third time to return to normal size text page.



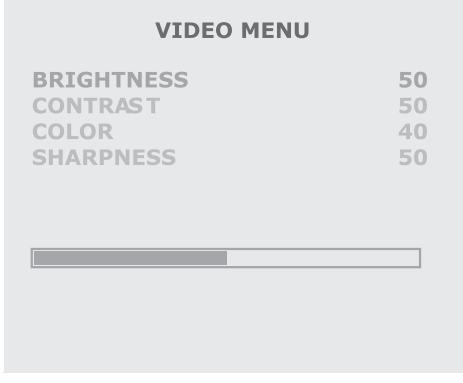
On-screen Menus

1. Press the **MENU** button to cycle through the On-screen menus.
2. Press the **UP/DOWN ARROW** buttons to highlight one of the available options.
3. Press the **LEFT/RIGHT ARROW** buttons to adjust the selected option.
4. When finished, press the **MENU** button repeatedly until the menu disappears.



VIDEO MENU

Your TV has four settings which allow you to control the picture quality:



Press the **UP/DOWN ARROW** buttons to select one of the available options.

Brightness

Use the **LEFT/RIGHT ARROW** buttons to increase or decrease the brightness of the picture.

Contrast

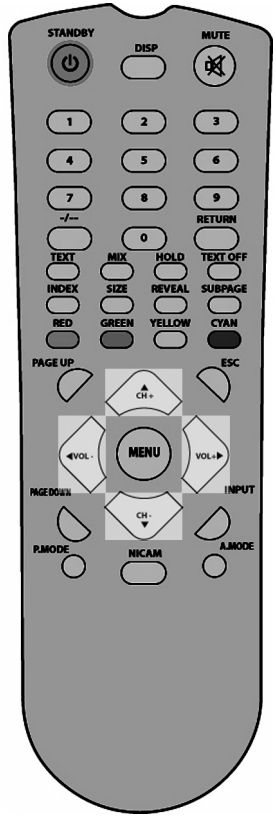
Use the **LEFT/RIGHT ARROW** buttons to increase or decrease the contrast of the picture.

Colour

Use the **LEFT/RIGHT ARROW** buttons to increase or decrease the colour saturation of the picture.

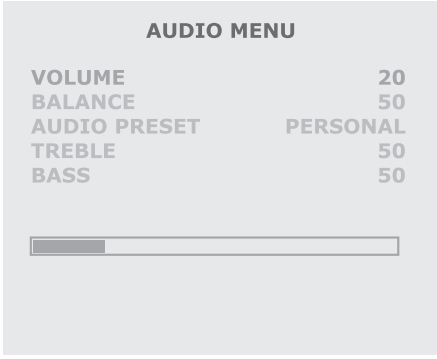
Sharpness

Use the **LEFT/RIGHT ARROW** buttons to increase or decrease the sharpness of the picture.



AUDIO MENU

Your TV has several settings which allow you to control the picture quality:

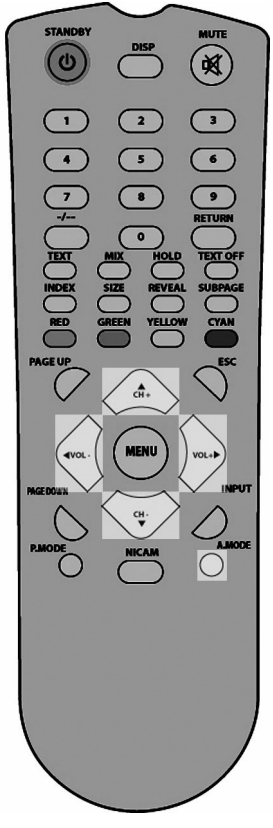


Volume

Allows you to increase or decrease the volume.

Balance

Allows you to adjust the volume balance between left and right audio channels.



Audio Preset

Use the **VOL+/-** buttons to select one of the following settings:

Personal - User defined preferences.

Voice - High treble, low bass for normal TV programming.

Music - High treble, high bass for music based programming.

Theatre - Low treble, high bass for live performances.

NOTE: It is also possible to cycle through the audio presets by pressing the A.MODE button.

Treble

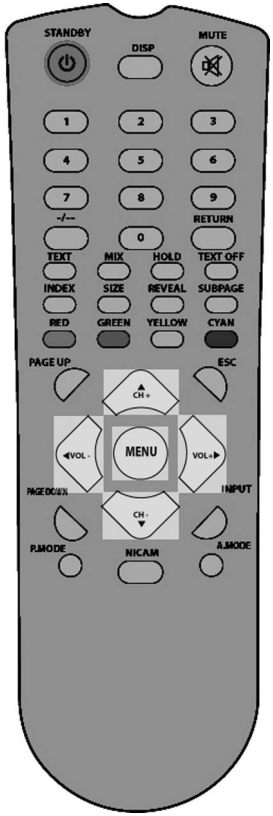
The treble setting adjusts the high frequency section of sound.

NOTE: The audio preset must be set to Personal to adjust this option.

Bass

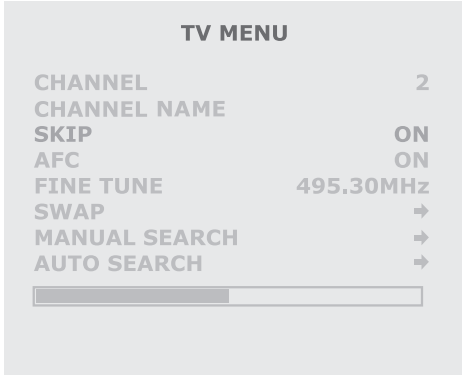
The bass setting adjusts the low frequency section of sound.

NOTE: The audio preset must be set to Personal to adjust this option.



TV Menu

The TV menu can be used to manually tune a station or to fine tune existing stations.



Channel

Select a particular channel to apply any changes to, the selected channel will be shown in the background.

Channel Name

Use this option to adjust the channel name shown when changing channels.

Skip

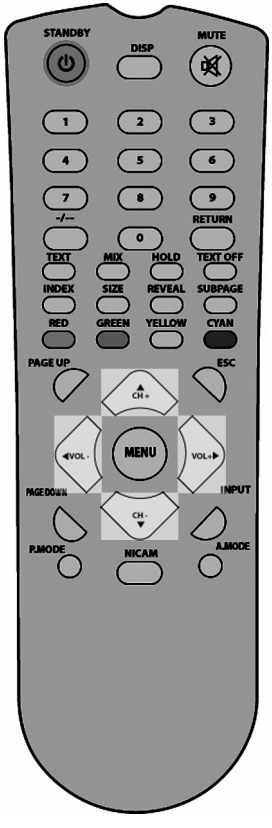
If you set this option to on, the channel will not be available using the CH+/- buttons.

AFC

To improve image quality, Set the AFC (Auto Frequency Control) option to ON.

Fine Tune

Allows you to fine tune the channel to obtain the best picture quality.



Swap

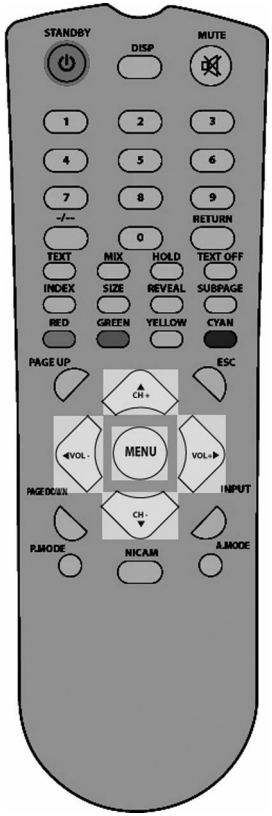
Using the **SWAP** option, channel positions can be swapped to obtain the correct order.

Manual Search

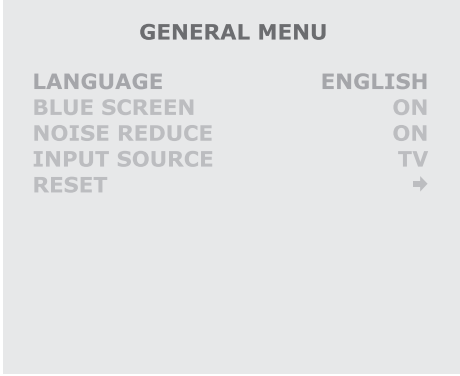
Allows you to scan up or down to the next available station.

Auto Search

Allows you to scan up or down to the next available station.



General Menu.



Language

Press the **VOL+** button to select the language of the on screen displays / menus.

Blue Screen

Activating the Blue Screen will ensure a clear, solid, blue screen is shown when no signal is being received.

1.Press the **VOL+/-** button to turn the BLUE SCREEN on or off.

Noise Reduce

If the signal you receive is has a snowy effect, This feature will reduce the signal noise and improve clarity of the picture.

1.Press the **VOL+/-** buttons to set NOISE REDUCE to Off, Low, Mid or High.

Input Source

Press the **VOL+/-** buttons to select the input you want to display.

TV	-	RF Signal (TV Aerial)
SCART	-	Signal from the SCART socket
AV	-	Signal from AV sockets
SVIDEO	-	Signal from S-Video socket
PC-RGB	-	Signal from PC-RGB socket
HDMI	-	Signal from HDMI socket

Reset

Press the **VOL+** button to restore all settings to their factory default value.

Troubleshooting

Problem	Possible Cause
TV Problems	
The TV does not work.	Make sure that the power supply is connected and that the mains supply is switched on.
Poor picture.	Is the aerial plugged in? Try changing the direction of the outdoor aerial. High buildings and hills can cause ghost pictures or double images. Check the channel is tuned properly. Try adjusting the picture settings; brightness, colour, sharpness. Make sure the TV is not located close to electrical appliances that may emit radio frequency interference.
No TV picture.	Is the aerial plugged in properly? Is the aerial lead damaged? Are all the plugs in the aerial lead fitted correctly? Is the TV in the correct input signal mode?
No sound.	Is the sound muted? Press the Mute button. Is the volume turned down?
No colour.	Adjust the colour setting. Check the programme is broadcast in colour. Check the channel is tuned properly.
No response from the remote control.	Is there an obstruction between the remote control and the sensor on the TV? Try changing the batteries. Avoid direct sunlight on the remote control sensor.

WARNING: IF THIS DOES NOT WORK, CONTACT EITHER YOUR SUPPLIER OR A QUALIFIED TV REPAIR TECHNICIAN. NEVER ATTEMPT TO REPAIR THE TV YOURSELF.

Product Support: Telephone: 0870 920 1101
Internet: www.grundig.co.uk

Care and Maintenance

Care of the Screen

Clean the screen with a slightly damp, soft cloth.

Do not use abrasive solvents or cleaners as they may damage the TV screen coating layer.

Always unplug the TV from the mains while cleaning.

How Do I Dispose of this Product?

When your TV has reached the end of its life, contact your local council regarding available recycling or disposal options. Do not dispose of electrical products in the general waste.

Please ensure that used batteries are disposed of safely.

Technical Specification

Power Supply	
Input	AC 230 V 50 Hz
Output	15 V DC
Fuse rating	5 A
Remote Control Batteries	2 x AAA (supplied)
Number of preset programmes	100
RF Aerial input	75 ohm (balanced)
Audio output	NICAM Stereo/ Mono
LCD panel	
Type	19" TFT-LCD
Display Colour	1,677,216 (8-bit)
Interface	TTL type
Viewing Angle	170 degrees horizontal/170 degrees vertical
Contrast Ratio	350: 1(typical)
Brightness	450cd/m^2

Guarantee

This product is guaranteed for 12 months from the date of original purchase. If any defect arises due to faulty materials or workmanship, the unit will either be replaced, a refund given or repaired free of charge (where possible) during this period by the dealer from whom you purchased the unit.

The guarantee is subject to the following provisions:

- The guarantee is only valid within the boundaries of the country of purchase.
- The product must be correctly assembled and operated in accordance with the instructions contained in this booklet.
- The guarantee does not cover accidental damage, misuse, or consumable items.
- The guarantee will be rendered invalid if the product is resold or has been damaged by inexpert repair.
- The manufacturer disclaims any liability for incidental or consequential damages.

This guarantee is in addition to and does not diminish your statutory, or legal rights.

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GULCD19HDK/DEC06/REV1