

Television package

TV set	-1pc.
Operating instruction	-1pc.
Remote control	-1pc.
Packing box	-1pc.

Connection to the mains supply:

This appliance is designed to operate from a mains supply of AC230V ~ 50HZ.

Check that the voltage marked on the product corresponds with your supply voltage.

This product is fitted with a 13A plug complying with BS1363. If this plug is unsuitable or needs to be replaced, please note The following:

Important: The wires in the mains lead are coloured in accordance with the following code:
BLUE-NEUTRAL
BROWN-LIVE

For UK use only – Plug fitting details (where applicable):
As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

Do not connect any wire to the EARTH terminal which is marked with the letter E or by the earth symbol.

The BLUE wire is the NEUTRAL and must be connected to the terminal marked with the letter N or coloured BLACK.

The BROWN wire is the LIVE wire and must be connected to the terminal marked with the letter L or coloured RED.

Always ensure that the plug cord grip is fastened correctly.

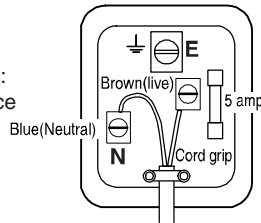
If a 13A (BS1363) fused plug is used it must be fitted with a 5amp fuse conforming to BS1362 and be BSI or ASTA approved.

Non-rewireable mains plug:

If your appliance is supplied with a non-rewireable plug fitted to the mains lead you will find that it incorporates a fuse, the value of which is indicated either on the base of the plug or on the fuse carrier. Should the fuse need replacing, you must use an ASTA approved fuse (conforming to BS1362) of the same rating. If the fuse cover is lost the plug must not be used until a replacement is obtained from an electrical supplier. If you need to remove the plug, cut it from the mains lead and dispose of it. Never attempt to re-use this plug or insert it into a socket outlet, as there is a very great risk of an electric shock.



DANGER
Electric
Shock Risk



Real Flat Colour Television

USER MANUAL



8010000575/762

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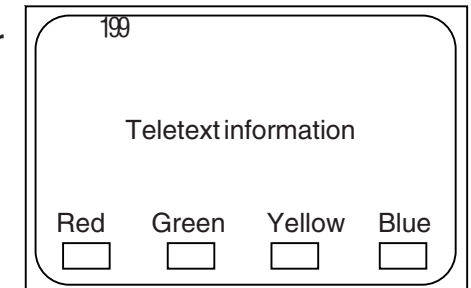
Technical specification

TV standard	PAL I NICAM stereo
Diagonal screen size (viewable)	68 cm
TV channels	UHF - E21-E69 (decimetric diapason)
Aerial socket	standard 75 Ohm socket
Programs' memory	99
Maximum sound output	2x3 W
Power requirement	AC 170 - 245 V, 50Hz
Normal used power	95 W
Dimensions / Weight	29": 802 x 515 x 592 mm / 43 kg

Using Teletext

1. Use the remote control to select a programme with Teletext information.
2. Switch on the Teletext by pressing **TV/TXT**.
3. Using the **0, 1, ..., 9** keys on the remote control enter page number (3 digits). Your TV set will search for the indicated Teletext page. After a moment the Teletext page will appear on the TV screen.

Page number



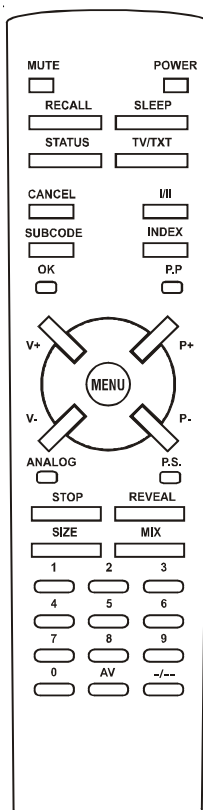
Page numbers in coloured rectangulars will appear at bottom of the screen. You can select these pages by pressing corresponding coloured buttons.

4. To return to the normal TV picture, press the **TV/TXT** key.

Notes:

1. If the TV station does not broadcast Teletext information after switching Teletext on, a black line with page number will appear at the top of the screen.
2. The control of Teletext by using other buttons is described in the chapter "Functions of remote control".
3. Sound level not is adjustable when teletext function is on.

Functions of remote control



STOP Stop key. In Teletext mode press to stop and start the automatic alternation of sub-pages.

CANCEL Interrupt key. In Teletext mode press to watch TV while waiting for a Teletext page to be found. At this time the number of page is flashing. When page is found, the number stops flashing. Press the interrupt key again to display the page.

REVEAL In Teletext mode press to reveal hidden text (e.g. answers). Press again to hide this text.

INDEX In Teletext mode press to start the search of displayed page again.

P.P Normalise key. Press to cycle through four sets of picture settings: "Favourite", "Standard", "Soft" and "Dynamic". The settings of **Favourite** are adjusted in the **Picture** menu.

P.S Press to cycle through four sets of sounds settings: "Favourite", "Standard", "News" and "Music". The settings of **Favourite** are adjusted in the **Audio** menu.

I/II For manual selection of sound standards **STEREO/MONO** and **DUAL I/DUAL II**.

ANALOG Direct selection of picture and sound control.

SLEEP Sleep Timer key. Press to set the time after which the TV set automatically switches into standby mode. Each pressing of the key increments the time by 10 minutes up to 2 hours. To disable, repeatedly press the key until the set time returns to zero. The set time is displayed on the screen for a short time after each key press.

STATUS Press to display the number of current programme, the standard of colours and sound. Press again to display the current time (if it was entered). Press one more time to switch off the clock display.

AV modes

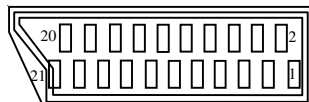
The required outer signal source you can select by pressing the **AV** key on the remote control (depending to the model).

AV1, AV2 Selects video and audio inputs on the **SCART1** or **SCART2** connectors. Used for direct connection of VCR, satellite receiver, etc.

Front AV Using the **AV** connector to connect directly audio- or videotools for example videocamera.

Please take care that the Scart connector "AV 2" is parallel connected with the "Front AV" and can not use together to avoid interferences during the operation.

RGB Selects red, green and blue signal inputs on the **SCART1** connector. Used for the direct connection of game machines and other equipment.



QUICK START GUIDE

1. Fit the Batteries into the Remote Control according to the diagram in the battery compartment.
2. Plug your main home aerial into the TV set.
3. Plug your TV into the mains and switch ON using the **I** button on the front panel. If your TV screen does not light up, press the **P+**, **P-** key or any number key on the hand unit to cancel standby mode.
4. On your remote control press the **MENU** key 3 times. The **Install** menu will appear on the screen.
5. On your remote control press the **OK** key. Your TV will now automatically tune and store your local TV stations. This may take a few minutes.

On completion, some units automatically show the **Organize** menu for checking, labeling and moving the programmes: see

"**Customise your stored programmes**" on page 8, or leave it for later. To turn off the **Organize** menu for now and view the full picture, press the **MENU** key twice.

6. Select a programme using the **P+** and **P-** keys or the number keys.

! WARNING !

7. If you forget the lock code or dial it wrongly, press remote control key **PP** 3 times. You should change code or disable the lock after TV will switch on (look 9p.).

Refer to the instruction booklet for further information about the many other facilities.

Note:

When there is no signal in the aerial socket, the TV screen will appear in blue colour.

Thank you for purchasing this colour TV set. Please read this instruction carefully. You will learn how to use the TV set and what to do to prolong its service life.

Operating tips

Safety:

- Do not place anything on the television and ensure a minimum distance 10cm around the apparatus for sufficient ventilation.
- If your television mains lead or plug becomes damaged or requires replacement, switch off your television, remove the plug from the socket and call a qualified service engineer.
- Always situate your television on a solid and steady surface.
- Never use a make-shift stand fixed with wood screws.
- This television is meant to be used in the home in moderate climates (not in tropical climates). Other use might be dangerous.
- Do not expose the apparatus to dripping or splashing.
- Never let anyone, especially children, push small objects into ventilation slots.
- Route the mains lead where it will not be walked on, crushed, chafed, cut or damaged in any way.
- Pull the mains plug out of the wall socket and disconnect the aerial during thunderstorms.
- Do not use the television near water, for example near a bath, sink, and pool or in any damp environment. Do not place objects filled with liquids, such as flower vases, on top of the television.
- If you have spilt liquid into your television, or it fails to operate correctly, switch it off, disconnect the plug and call a qualified service engineer. Never remove the back cover.
- Ensure that the ventilation is not impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains etc.
- Do not place naked flame sources, such as lighted candles on the apparatus.
- Take attention to the environmental aspects of battery disposal.

Caution:

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

Your television is in conformity with the safety requirements of standard EN 60065.

Position:

For best results, choose a position where light does not fall directly on the screen and away from sources of heat. Do not put objects with a magnetic field nearby the television or it could affect the quality of the colours.

Cleaning:

Switch off and unplug the television and use only a lightly dampened soft cloth to clean it. Do not use chemically active substances as these may damage the cabinet finish.

Standby:

For convenience your television can be switched to standby with the remote control. To preserve optimum picture quality (by de-magnetising the picture tube), we advise you to switch off your television at the on/off switch regularly.

Special functions

Blue screen when there is no TV signal

1. Press the **MENU** key on the remote control 4 times. The **Setup** menu will appear on the screen. Use the **P+** or **P-** keys to highlight **Function** and then press **OK**.
2. The **Function** menu will appear on the screen. Use the **P+** or **P-** keys to highlight **Blue Back**, and then the **V+** or **V-** keys to switch on (**Yes**) or switch off (**No**) blue background.

Setup	
Timer	
Organize	
Function	
Language	

Switch on lock

3. Use the **P+** or **P-** keys to highlight **Lock**, and then the **V+** or **V-** keys to activate the lock (**Yes**). The **Key - - -** note will appear on the screen.
4. Using the **0, 1, ..., 9** keys enter three digit code and memorize it. Leave the **Setup** menu by pressing the **MENU** key 5 times.
5. When lock is activated, and you want to switch on **TV**, you must enter the code by using the **0, 1, ..., 9** keys.
6. If you want to cancel the code, you must select the **Setup Function** menu, then highlight **Lock**, and using the **V+** or **V-** keys cancel the lock (**No**).

Blue Back	Yes
Lock	No

Note:

If you forget the lock code or dial it wrongly, press remote control key **PP** 3 times. You should change code or disable the lock after TV switches on.

Functions of remote control

- POWER** The key for switching TV to standby. Switches your TV partly off. The green indicator on front panel turns to red. If you want to switch TV on, you must press the **P+, P-, 0, 1, ..., 9** keys and with **POWER** key on the remote control or the **P+, P-** keys on front panel.
- MUTE** Switches the sound off. Press the key again or **V+, V-** to restore the sound.
- TV/TXT** Teletext key. Press it to select Teletext. Press again to restore TV picture.
- 0, 1, ..., 9** Using the **0, 1, ..., 9** keys, the required programs or Teletext pages are selected.
- MENU** **MENU** key. Press it to select MENU. If you want to switch the menu off, press this key one or two times more.
- OK** Enter key. Press to enter menu selections.
- P+, P-** Programme selection keys. Selects the next or the previous stored programme. Also used to highlight the function you wish to use within menu. The keys of the next or the previous page in Teletext mode.
- /-** Selection of one-figure or two-figure programme number.
- RECALL** A key for return to the previous programme.
- V+, V-** Volume keys. Adjust sound volume. Also adjust the settings of menu. Coloured keys **RED, GREEN, YELLOW, BLUE** keys are used for quick access to Teletext topics (depends on Teletext properties).
- SIZE** Page expand key. In Teletext mode, press to enlarge top half of the page. Press again to enlarge the bottom half. Press again to return to normal size.
- MIX** Teletext/picture mix key. In Teletext mode press to show TV picture and Teletext together. Press again to return to Teletext.
- AV** AV modes' key. By pressing this key the **AV1, AV2, RGB, TV** are selected in series (more details in chapter "AV modes").
- SUBCODE** Sub-page key. In Teletext mode press to select sub-pages. Some pages may be multiple in Teletext. The sub-page key allows accessing any of these pages directly. Press sub-page key and enter four digits for the page you need, e.g. page 2 would be entered as 0002. When the sub-page has been found it will be displayed. Press the sub-page key again to return to normal page sequence.

6. Press the **MENU** key twice to return to normal TV picture.

Note:

1. If you make a mistake or do not need automatic switching anymore, you can cancel it by selecting **Time** in **Setup** menu and pressing **OK** on the remote control.
2. To switch on and off TV set automatically it must be switched by using the **POWER** key **⓪** on the remote control. If you switch off the TV set by using the button in the front panel, you will need to re-enter the time.

Customizing your stored programmes

You can change succession of stored programmes, give titles to the programmes (**Label**), select standards of colour systems' (**Colour**) and sound (**RF Std**), hide programmes in list (**Skip**).

1. Press the **MENU** key on the remote control 4 times. The **Setup** menu will appear on the screen. Use the **P+** or **P-** keys to highlight **Organize**.
2. Press **OK**. The **Organize** menu will appear on the screen.

Moving programs.

3. With the **Organize** menu on the screen, use the **P+** or **P-** to select **Pr-**, and **V+** or **V-** to select the number of programme which you wish to move. Press the remote control key **PP**. The colour of the line will change to blue.
4. Use the **V+** or **V-** keys to select the destination programme number. Then press the remote control key **PP** and the programme will be moved into the new location.

Setup	
Timer	
Organize	
Function	
Language	

Changing parameters of signal.

5. Use the **P+** or **P-** to select the parameter you wish to change: **Label** (programme title), **Colour** (colour system), **RF Std.** (sound standard), **Skip** (prog. hiding).
6. **Label:** Use the **V+** to select the position of character being added, and use the **P+** or **P-** to select the character from **A-Z, +, -, space, 0-9**. The title can be up to four characters long. After selecting the first character, use the **V+** to pass to the next position, or use the **V-** to pass to the previous position, and then use the **P+** or **P-** to select the second character of title, etc.
7. **Colour:** Use the **V+** or **V-** to select the colour system: **Auto, PAL**. It is recommended to select **Auto**.
8. **RF Std.:** Use the **V+** or **V-** to select the sound standard: **I**. The wrong setting causes no sound.
9. **Skip:** Use the **V+** or **V-** to select **Yes** or **No**. If **Yes** is selected, your TV set will skip that programme when you step through the programme numbers using the **P+** or **P-** keys. You will be able to select this programme only by using keys **0, 1, ..., 9**.
10. Press the **MENU** key twice to return to full TV picture.

Pr	01
Label	----
Colour	AUTO
RF Std	I
Skip	No

Switching on

1. Remove the battery cover from the remote control unit and install two AAA type batteries according to the diagram inside the battery compartment. Replace the battery cover.
2. Connect your aerial to the TV set.
3. Connect your TV to a 230 VAC power socket.
4. Switch on your TV with the **⓪** switch on the front panel. The red light will be illuminated. If the screen does not light up, press a button **P-** or **P+** on the front of the television set or any of the keys **P-, P+, 0, 1, ..., 9** and with **POWER** key on the remote control.

Notes:

1. After switching the television set on by using **⓪** front panel button, the set switches to the same mode it was before switching off by this button. If TV set was switched off by using the remote control key **POWER**, it switches to standby and the indicator on the front panel turns red.
2. After switching television set from standby to operating status, the red indicator goes dim.

Control of TV set by using MENU tables

Your television set is controlled by using MENU tables **Picture, Sound, Install, Setup**. These tables appear on the screen after pressing remote control button **MENU** one or more times. The television set parameters and their values are arranged in these MENU tables.

The line of table with required parameter you can select by using the remote control keys **P+** or **P-**, and to change this parameter by using keys **V+** or **V-**. MENU tables from the TV screen disappears after pressing the remote control key **MENU** one or several times or about after 5 seconds after the last action in these tables.

Note: The selected line in table is highlighted in red.

Setup	
Timer	
Organize	
Function	
Language	

English	
Français	
Deutsch	
Italiano	
Norsk	
Svenska	
Nederlands	
Español	
PORTUGUÊS	
Dansk	
Suomi	
Greek	

Selecting the menu language

The selection of language is the following:

1. Press the **MENU** key on the remote control 4 times. The menu **Setup** will appear on the screen.
2. Use the **P+** or **P-** to select **Language**.
3. Press **OK**. The table with languages will appear on the screen.
4. Use the **P+** or **P-** to select the language you require.
5. Press the **MENU** key two times to switch off the **Setup** menu.

Setup	
Timer	
Organize	
Function	
Language	

English	
Français	
Deutsch	
Italiano	
Norsk	
Svenska	
Nederlands	
Español	
PORTUGUÊS	
Dansk	
Suomi	
Greek	

Adjusting the picture

Press the **MENU** key on the remote control. The **Picture** menu will appear on the screen. The required picture parameter you can select by using remote control keys **P+**, **P-**, and to change value of this parameter by using keys **V+**, **V-**.

Picture
 Brightness
 Contrast
 Colour
 Sharpness

Adjusting the sound

1. Press the **MENU** key on the remote control two times. The menu **Audio** will appear on the screen. The required sound parameter you can select by using remote control keys **P+**, **P-**, and to change value of this parameter by using keys **V+**, **V-**.
2. **Volume:** buttons **V+** or **V-** allow regulation of volume level.
3. **Balance:** buttons **V+** or **V-** allow regulation of balance.
4. **Equalizer:** select the **Equalizer** parameter and press button **OK**. The **Equalizer** frequency table shows up. Using buttons **P+** or **P-** select the frequency, using buttons **V+** and **V-** adjust the frequency level. Press the **MENU** key to return to **Audio** menu.
5. **Loudness:** using button **OK** turn the function **On** or **Off**.
6. **Surround:** using button **OK** choose the **Surround** option (**Movie** or **Music**), also turn the function off (**Off**).

Audio
 Volume
 Balance
 Equalizer
 Loudness
 Surround

Equalizer
 6.6KHZ
 3.3KHZ
 1.0KHZ
 330HZ
 100HZ

Tuning your television set

You can tune your television set in two ways: automatically or manually. The automatic tuning is completed in the following way:

1. Press **MENU** key 3 times. The **Install** menu will appear on the screen.
2. Using the remote control keys **P+** or **P-** select line **Auto Tune**.
3. Press **OK**. Your TV will now automatically tune and store all your local TV stations. This will take a few minutes. On completion of automatic tuning the first programme is automatically shown on the screen and you can select the desired programme by using the remote control buttons **P+**, **P-**, **0**, **1**, ..., **9** or front panel buttons **P+**, **P-**.
4. For labelling, moving or hiding of tuned programmes you can use the menu **Organize**. Usage of this menu is described in page 8.

Install
 Auto Tune
 Manual Tune
 Fine Tune
 Store

Notes:

1. For better picture quality your VCR or satellite receiver should be connected to **SCART** socket on your TV set.
2. If you do not use the **SCART** socket, for receiving VCR signal via aerial socket a programme with number 99 is recommended.

Manual tuning

The manual tuning is only necessary if:

- a) you want to fine tune a particular programme,
- b) the signal of programme is weak.

The manual tuning of TV you should perform in this way:

1. Press the **MENU** key on the remote control 3 times. The menu **Install** will appear on the screen.
2. With the **Install** menu on the screen, using the remote control key **P+** or **P-**, highlight **Manual Tune**.
3. Press **V+** or **V-** keys to start searching in the direction required. Each time a programme is found the search will stop. Repeat until the programme you require is found. This programme must be stored into a memory.
4. With **Install** menu on the screen, using the **P+** or **P-** keys, highlight **Store**.
5. Press **OK**. The **Install** menu with highlighted **Store** will appear on the screen.
6. Using the **P+** or **P-** keys on the remote control highlight **Program Pr--**.
7. Using the **V+** or **V-** keys on the remote control select required programme number (for example, **Program Pr.10**).
8. Using the **P+** or **P-** keys on remote control highlight **Store** and press **OK**. The **OK** will appear on the screen to confirm a successful store.

Install
 Auto Tune
 Manual Tune
 Fine Tune
 Store

Program Pr--
 Store

Note:

For tuning and storing other programs, you should press the **MENU** key and repeat steps from 2 to 8.

Automatic switching on and off

1. Press the **MENU** key on the remote control 4 times. The menu **Setup** will appear on the screen. Using the **P+** and **P-** keys, highlight **Timer**.
2. Press **OK**. The menu **Time** will appear on the screen. Using the **V+** and **V-** keys enter the correct time. The hours (00 to 23) are set by using **V-**, and the minutes (0 to 59) - by using **V+**.
3. Using the **P+** or **P-** keys, highlight **On Timer**, and using the **V-** and **V+** keys enter the time, at which you want TV set to switch **ON** from standby.
4. Using the **P+** or **P-** keys, highlight **Off Timer**, and using the **V-** and **V+** keys enter the time, at which you want TV set to switch to standby from **ON**.
5. Using the **P+** or **P-** keys, highlight **On Timer Pr--**, and using the **V-** and **V+** keys enter the number of programme which you want TV to turn on.

Setup
 Timer
 Organize
 Function
 Language

Time --:--
 On Timer --:--
 Off Timer --:--
 On Timer Pr --