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APLCD15-S

# **INSTRUCTION MANUAL**

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# SAFETY RECOMMENDATIONS

#### Mains supply

This unit is designed to operate from a 230 Volt, 50Hz AC mains supply through the supplied 12 Volt power adaptor. Other power sources may damage it.

Check that the rating on the back of the unit says 230V AC (~) before you plug it in for the first time.

#### Mains plug

We have fitted this unit with a standard mains plug.

- If the mains lead gets damaged it must be replaced by a qualified service agent with an approved lead of the same type.
- If you cut off the mains plug, for example to fit a different type, please destroy the old plug as it would be dangerous if inserted into a live power outlet. Carefully follow the wiring instructions supplied with the new plug.
- Remove the fuse from UK standard (BS 1363) plugs before disposal.
- Never use a mains plug without the fuse cover.

#### Mains plug wiring for the UK

- The colours of the wires in the mains lead of this unit may not match the coloured markings of the mains plug terminals. You can identify the correct terminals as follows.
- The wire that is coloured BROWN is connected to the terminal that is marked with the letter L or coloured red.
- The wire that is coloured BLUE is connected to the terminal that is marked with the letter N or coloured back.
- Make sure the lead is firmly secured under the cord clamp.
- Do not connect anything to the earth terminal which is marked E or  $\pm$  or coloured green or green and yellow.

#### Mains fuse for the UK

UK standard (BS 1363) plugs must have a 3 amp (BS 1362 type) fuse fitted. For any other type of plug or connection, you must fit a fuse rated between 3 and 5 amps in the mains plug or adapter, or at the fuse box feeding this unit.

#### Symbols

This unit complies with European safety and electrical interference directives.

Dangerous voltage constituting a risk of electric shock is present inside this unit.

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There are important operating and maintanence instructions in the literature accompanying this unit.



#### SAFETY RECOMMENDATIONS (Continued)



#### POWER SOURCE

You should only plug this TV into a 230-240v AC 50Hz mains supply using the supplied mains lead with fitted 3-Pin plug and the supplied 12v mains adaptor.

#### MAINS AND OTHER LEADS

Position the mains supply lead and other leads so that they are not likely to be walked on, pinched by things or placed on or against them. Pay particular attention to leads where they enter a power socket and at the point where they come out of the TV.

#### MOISTURE AND WATER

Do not use the TV in a humid or damp area. The equipment must not be exposed to dripping or splashing, as this may be extremely dangerous. Objects filled with liquids, such as vases, must not be placed on this equipment.

#### NO NAKED FLAMES

Do not place naked flame sources such as lighted candles on top of the TV set.

#### **CLEANING**

Always unplug the TV before cleaning it. Do not use liquid or aerosol cleaners. Clean your TV with a soft damp cloth. **BATTERY DISPOSAL.** 

When batteries are exhausted do not break open or throw in a fire. Do not place in the household waste, consult the local waste disposal authority

# CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

#### VENTILATION

The slots and openings on the TV are for ventilation.

Please ensure that there is enough space to allow for adequate ventilation around the TV (at least 10cm).

Do not block or cover these holes as overheating could occur. **CLIMATE** 

The intended environment of the TV set is detailed below. Do not exceed these limits otherwise a Electric Shock Hazard may exist.

Temperature- 15 - 35°

Relative Humidity- 75% maximum

Climate Classification Moderate

Also under specification for the Sound output should be 2 x 7W. **REPLACEMENT PARTS** 

The person carrying out the job must use parts that are specified by the manufacturer or have the same specifications as the original parts. The use of other parts may cause fire, electric shock or other hazards.

#### **SERVICING**

Ensure the person carrying out repairs to your TV is qualified to do so. **Please refer to separate service information supplied with this product.** Never remove the cover yourself, there are dangerous voltages inside and you could receive an electric shock.

# SAFETY RECOMMENDATIONS (Continued)

#### **GENERAL**

• Do not connect or adjust cables while the TV is plugged into the mains supply.

• Do not leave your TV in a hot, cold or humid area.

• Batteries in remote handsets can leak. Please check the batteries regularly if they have not been replaced recently

• Never let anyone, especially children, push objects into holes and ventilation slots.

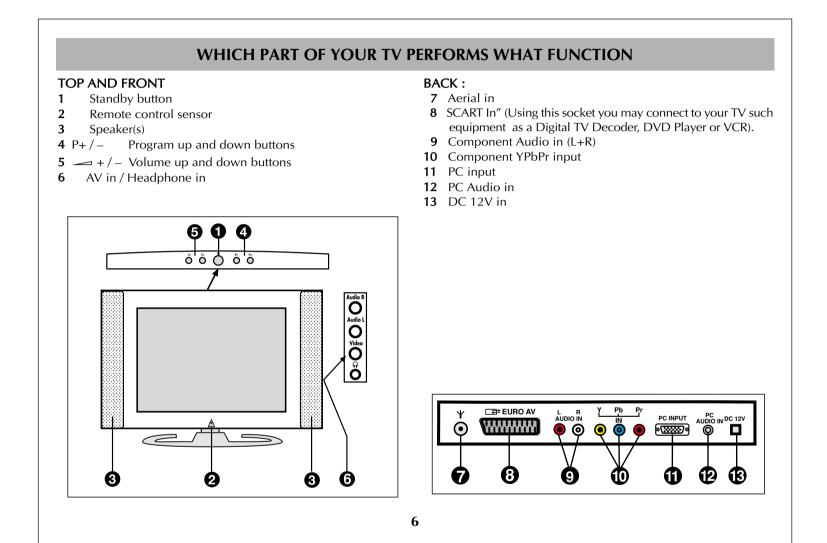
• Don't continue to use your unit if you have spilt liquids in it, if it is damaged in any way or if it does not work normally. Immediately unplug the unit and get expert advice.

• This product is only designed for household or similar general use. Any other use may invalidate the guarantee and might be dangerous.

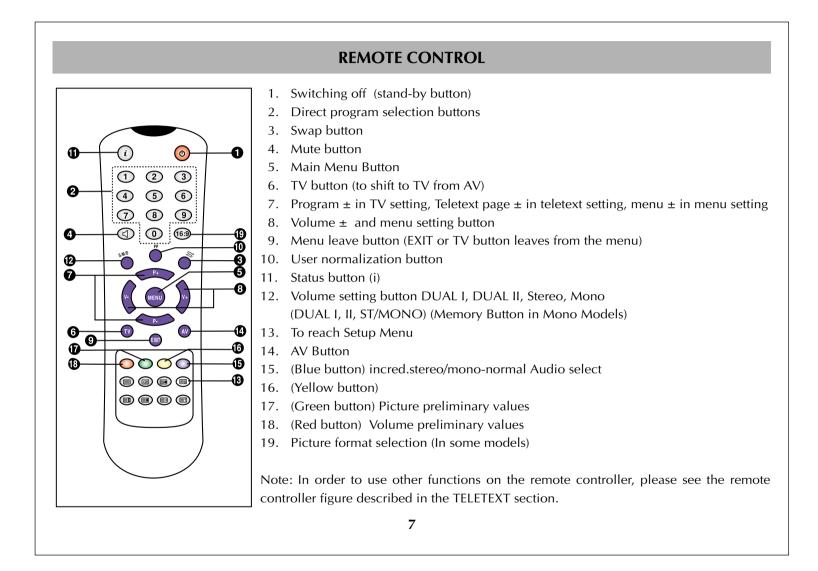
• We are proud to offer this high quality product. To keep this equipment at this level of quality, this equipment should only be serviced at your authorised service centre.

• During Thunderstorms or leaving the Tv for long periods. Disconnect the aerial, if external , and mains supply adaptor.

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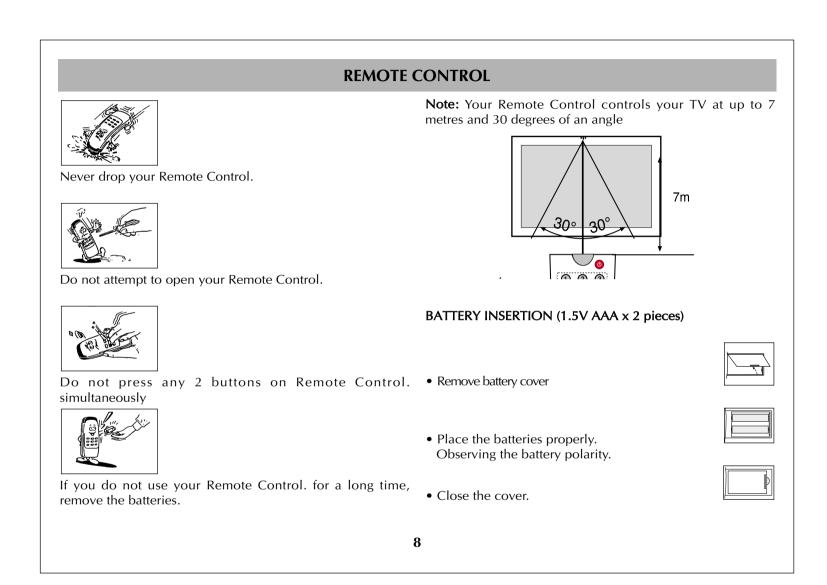


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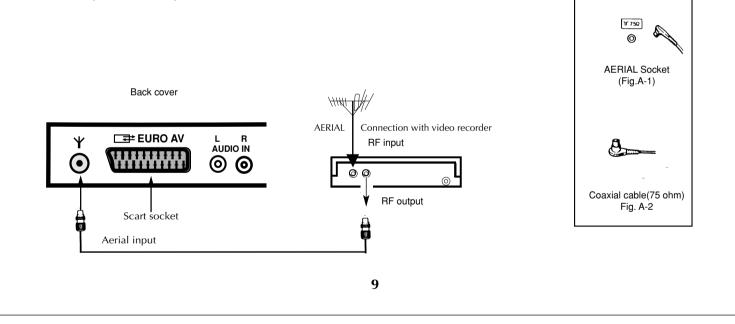
# **AERIAL CONNECTION**

# OUTDOOR AERIAL CONNECTION

Optimum good picture and colour reception requires a good outdoor aerial.

Using a coaxial cable (75 ohm Fig A-2) for a aerial, connect the plug (refer to Fig. A-1) into the aerial input of the set.

Alternatively you may connect the aerial via a video recorder by using the video recorder Rf Input and Rf Output connections as shown.



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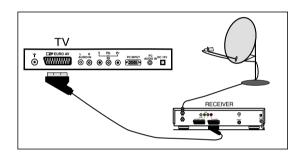
#### VCR, DVD, SATELLITE DECODER AND COMPUTER CONNECTIONS EURO-SCART SOCKET A Video Cassette Recorder, DVD Player, Games Console or Satellite Decoder may be connected to the scart socket with an appropriate connecting cable. Select programme mode AV to access the signal being received through the SCART Socket. VCR OPERATION BY USING THE VCR AND DVD PLAYER PC CONNECTION (Optional) **RF OUT OPERATION BY USING THE** You may use your LCD TV as a PC Alternatively to connect a VCR to your EURO-SCART SOCKET LCD TV using the RF sockets, connect monitor by connecting the VGA cable of Connect the SCART socket on your a coaxial cable from the RF Out socket your PC into the LCD TV's PC socket. VCR or DVD Player to the SCART of the VCR to the aerial input socket of Socket on your LCD TV Supported PC resolutions: your TV. Then connect the caxial cable Select AV Channel on your LCD TV by VGA 640 x 480 from your TV aerial to the RF In socket pressing the AV selection key on your of the VCR. • Select programme no. 0 on your LCD remote control handset. TV. Press the PLAY key on your VCR or NDC 12V • Insert a video tape into the VCR and DVD Plaver press the "play" key. • The advantage of this connection is a τν • Use the instructions under "Manual superior quality of picture and sound Programming" (found later in this during play back. Instruction Book) to search and store the VCR's RF Output channel in Channel 0 on your LCD TV. To "RF IN' ě To "EURO SCART"(TV) EURO AV Aeria $\odot$ To "EURO SCART"(VCR) Coaxial cable From "RF OUT To "DE IN To aerial socket 10

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# AUDIO/VIDEO CONNECTIONS

#### a) With SCART Connector

Connect the SCART socket on the receiver to the SCART socket on your LCD TV using the appropriate SCART connecting cable.
Select AV Channel on your LCD TV by pressing the AV selection key on your remote control handset. Your LCD TV will now display the signal from your Satellite or Cable Receiver.

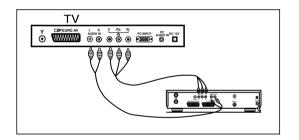


#### b) Component YPbPr input:

• If your Video Source has a YPbPr component video output, you can connect this to your LCD TV's YPbPr input using 3-Way chinch cable by refering connector colours. This method will carry the image to your LCD TV.

• For audio connection use a 2-Way AV connecting lead to connect left and right audio outputs to your LCD TV's left and right audio inputs.

• Select YPbPr Channel on your LCD TV by pressing AV selection key on your Remote Control handset.



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# **TV FUNCTIONS**

#### 1. OPERATION

#### a. Switching on the TV

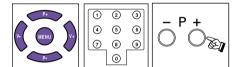
Plug the power cable of the TV set into the wall outlet.

\* Your set works on 12V DC power. For this purpose, use the adapter provided within your TV set.



#### b.Stand-By Mode

While your TV is at stand-by mode, you can operate your TV using one of the program selection buttons on the RC (0 to 9) or the  $P\pm$  on the TV set



#### 2. SWITCHING OFF a. Switching OFF the TV

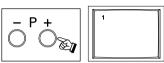
When you want to switch off the TV completely, remove the power cable from the wall outlet.

#### b. Standby Mode

To switch off your TV for a short time press the Stand By button on your remote control or on the top of the TV *Note: RC means Remote Controller* 

#### **1. PROGRAM NUMBER SELECTION**

\* You can select the program you want by increasing the program number pressing the  $P\pm$  button.



\* Select the program no. 0 - 9 with the single number keys (0-9) on the Remote control.

_			1		
0	2	3		1	
4	5	6			
$\overline{O}$	8	9			
	0				

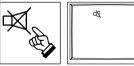
\* To select a "Double digit" number simply press the two digits in sequence, eg :- "1" then "2" = Prog 12. You have 3 seconds to add the second digit, otherwise the Tv will select the first digit only.

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#### 2. MUTE

In order to mute the sound immediately, press the Mute button on the RC. Pressing this button again will allow you to hear the sound before pressing Mute.



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# **TV FUNCTIONS**

**3. STATUS Button:** (i) Shows the program number, volume level and audio system info for 3 seconds on the screen

**4. PP Button:** With this button you can see which preset picture value

has been adjusted to you TV.

**5. SWAP Button:** Provides swapping to the previously watched channel

#### 6. SMD Button:

**Mono:** This button is not operative on TVs or mono broadcastings

**Stereo:** This button is used to select mono or DUAL volume outputs in TV sets

**7. AV Button.** To select AV mode use the AV button on the handset. To return to Tv, either press a "programme number" or use the TV button. If there are any menu's displayed on the screen the Tv will not select AV. All the external input sockets are selected with the AV button, pressing it each time changes the input.

TV. > AV1 (Scart) > AV2 > (RCA) > Y,Pb,Pr > PC > TV 8.AUTOMATIC SHUT OFF.

If the Tv receives no signal for 5 minutes it will automatically switch to Stand - By. This feature is not enabled in AV mode.

**9. MENU Button:** By pressing this button you may access the Main Menu page. Pressing the button again returns the set to TV mode. This button is also used for exiting a sub menu and returning to the previous menu heading.

**10. TV (EXIT) Button:** Provides exit from the menus **11.16:9 Button:** This is used to change the screen format from 4 : 3 to 16 : 9

**12. AUTO ZAP:** Pressing P± button for 3 to 4 seconds and releasing will cause automatic channel search. On the upper right corner "Auto Zap" appears.

**13. Red Button:** You can select the preset "Sound" values by using the Red button. The "Personal" value is the adjustments which you were made on your apparatus.

**14. Green Button:** You can select the preset "Picture" values by using the green button. The "Personal" value is the adjustments which you were made on your apparatus.

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# SETUP

If you connected the Tv as described on page 9/10, when the Tv is turned on for the first time a "Welcome" screen will be displayed and you should follow the instructions



1- Use "P+/P-" button for "Country" option and choose the country's abbreviation with "V+/V-" button.

2- Use "P+/P-" button for "Language" option and adjust the menu language with "V+/V-" button.

3- Use "P+/P-" button for "Auto store" and initiate the automatic search with the "V+" button. Please do not press any button during automatic search. Your apparatus will find the channels and record the memory automatically.

If "Welcome" menu does not appear you can search the channels as below:

1- Press "Menu" button

2- Use "P+/P-" for "Settings" and enter the menu with "V+" button.



3- Choose "Language" option with "P+/P-" button and adjust you rdesired menu language with "V+/V-" button.
4- Use "P+/P-" button for "Country" option and choose the country's abbreviation with "V+/V-" button.

5- Press "MENU" button and return to the main menu.



6- Use "P+/P-" button for "Program Settings" and enter the menu with "V+" button.

7- Use "P+/P-" button for "Auto store" and start the search with the "V+" button. Do not press any button during the automatic search. Your apparatus will find the channels and record the memory automatically.

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# SETUP

In the Programme Adjustments menu Use P+,P-,V+,V- for changing the menu language and the manual adjustments. Use P+,P-,V+,V- for changing order of the programme, naming programmes, deleting programmes and skipping programmes. These options are noted on pages 17/18

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# TV FUNCTIONS (MENUS)

**Main Menu:** To access this menu, press menu button. You can come on the options in the main menu using  $P\pm$  buttons and activate the options pressing  $V\pm$  buttons select.



#### **1. VOLUME ADJUSTMENT MENU**

Using the MENU button, you can access to volume adjustment menu. In this menu, volume settings are selected or memorized using P $\pm$  buttons and can be changed using V $\pm$  buttons.



**Volume:** The TV set's volume can be adjusted **Balance:** The balance between left and right channel outputs is shown

Bass: The user can adjust the bass level at this option

**Treble:** The user can adjust the treble at this option Stereo models have AVL property. This is not shown on the menus. This is for automatic volume limitation, i.e. it keeps the volume level at the optimum level when shifting from one channel to another. Because of this, the volume comes after the display in case a channel is shifted.

#### Equalizer:

You can enter the Equalizer menu with the" V+" button while you are in the Equalizer line. When you are in this menu you can select (personal, voice, Music, theatre) one of the equalizer adjustments with the "P+, P-" buttons. For the personal equalizer settings P±, V± buttons.



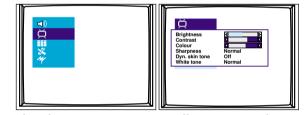
#### Headphone: (Optional)

When a headphone is inserted, no volume comes from the speakers. The volume is only through the headphones. Using the volume menu, headphone can be set. You can change the volume as Mono/Stereo/Dual using the S/M/D button.

# **TV FUNCTIONS (MENUS)**

#### 2. PICTURE SETTINGS MENU

Using the MENU button, you can access to picture settings menu. In the picture settings menu, you can alter many parameters related to display. Brightness, Contrast, Colour, Sharpness, Dyn. Skin tone, White tone and User settings can be made according to your requirements. Using the P± buttons on the RC, highlight the option you want to set and change the setting value or the option pressing the V± buttons.



The changes are automatically memorized.

If you press MENU button, you can access to former menu, while you can leave all menus if you press TV button.

**3. PROGRAM TABLE :** Using menu buttons, you can access to program table.



The channel number and name in the program table appear in different colors. You can access to other channels using  $P\pm$  and  $V\pm$  buttons in the program table.

**3.1.** Naming. Select the programme you wish to name. Use the BLUE button to select. Use the P+/- buttons to select the letter you wish to change. Use the V+/- buttons to select the character. When the name is Ok, press the Blue button to store.

**3.2.** Move. When the "Auto Search" process takes place, some of the programmes may not be in the correct place eg : BBC1 may not be in the location "1". You can move each programme to its correct location. Select the programme you wish to move "BBC1" by using the P+/- buttons, Press the "Green" button, now with the P+/P- buttons, move the programme to the required location "1" , press the Green button again and the programme will move to the new location.

# **TV FUNCTIONS (MENUS)**

Continue until all the programmes are in the correct **4. SETTINGS MENU:** In this menu; locations, eg : BBC1, BBC2, ITV, CH4, CH5

**3.3.** Red button is for deletion. Access the channel you want to delete pressing  $P\pm$  and V+ buttons and press the red button. On the right side of the menu, the channel number appears with a red button. Pressing the red button once more will delete the channel. The following channel will replace the deleted one.

3.4 Skip. You may Skip unwanted stations using the Yellow button. Select the station to be skipped and press the Yellow button. This station will not now appear when using the P+/P- buttons, however you may still access it using the programme "numeric" buttons. To cancel the "Skip" function, re enter the programme table, select the station and press the "Yellow" button.



4.1. Source OSD: The source OSD option can be adjusted as Open / Closed. It provides continuous display of the current channel.

4.2. Language: Using this option, you can change the language in the menus.

**4.3.Country:** Your apparatus finds the channel and choose the system according to the determined country during the automatic search. For this reason it is essential to enter the right code of the country.

Please do not forget to choose the country's abbreviation with "V+/V-" button. ( if you do not have a country nane choose another country which has the same system).

4.4 Childlock. In this menu "Lock and Password" are shown. If you need to set the Lock, a Password is requested when the Tv is brought out of standby.

# **TV FUNCTIONS (MENUS)**

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You may change the password at any time providing you enter the old one first. The password must be a 4 digit number.



Note: If you forget the password, type 4711

4.5. Timers: In this menu, Sleep timer, Reminder timer, OFFF timer, Switch timer and the Switch program are shown.



4.5.1. Sleep Timer: You can adjust the Sleep timer functions between 5 to 120 minutes with the V+ button. When the time is reached the Tv will switch to

The Tv will operate if the Password is entered standby. You may adjust the timer in 5 minute intervals At the end of the time, the Tv will display the last 60 seconds.

To exit the timer press the "TV" button.

4.5.2. Reminder Timer: You can adjust the recall period between 5 to 120 minutes with the V+ button. At the end of the set period, a warning message appears on the screen. Pressing any button, this message will disappear. Reminder time may be increased or decreased by 5 minutes steps.

**4.5.3 OFF Timer.** You may set the switch Off time Note :- Check from the RT "real time" clock if the time is correct. This can be done from the clock at the top of the teletext page.

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#### 4.5.4 Switch programme.

You may set the timer to switch programmes at a required time. Select "Programme Timer", use he "decimal" buttons to enter the "switch" time and set the programme number you wish to switch to. AV and other inputs may also be selected.

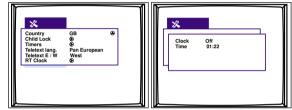
4.6. Teletext Language: You can set the teletext language depending on the teletext received by your TV set.

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# **TV FUNCTIONS (MENUS)**

**4.7. Teletext E/W:** This selects the characters peculiar to Eastern Europe and Western Europe countries for teletext

**4.8. RT Clock:** The clock is adjusted as "24 hours, 12 hours or closed". In the lower line, the current time is adjusted.



#### 5. PROGRAM SETTINGS

In the program settings menu are the options "Prog. No., Channel Name, System, Sound System, Auto Prog., Frequency, Fine Tuning, AFC, Skip and Lock".

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**Program nr.:** Shows the number of the current channel. The Prog. No. can be changed using V± and numbers.

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**Program name:** The name of the current channel appears. Press  $V \pm$  to enter the channel name. You can change the character using  $P \pm$  buttons. You can access the following and previous characters using  $V \pm$ . When the naming is over, you can leave from there using  $V \pm$ .

**System Standard:** You can choose the country!s system standard with the "V+/V-". (The European countries except France ; can choose the "Europe" option)

Auto Store: This provides automatic finding of the programs. When the search begins, the message "Busy" is displayed. When the transaction is over, the "Busy"

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# **TV FUNCTIONS (MENUS)**

message disappears. When Auto store has finished it will show all the "found" stations.

**For example:** If there are 50 programs in the Auto Store, it hides numbers after 50. When P+ is pressed in the 50th program, it proceeds to PC instead of 51.

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AFC Lock Store	On Off	۲

**Frequency:** In the frequency option, the frequency of the current channel is displayed. You can change the frequency using  $V \pm$  or numerical buttons.

Fine Tune: You can fine tune the channels pressing V±

**AFC:** This operates ON/OFF. When ON, Its follows or corrects the possible small frequency errors in the channels.

**Lock:** This provides locking of the current channel. When the locked channel is accessed, a password is requested. If the password is entered correctly ( the password which is entered at the option of child lock), the channel appears. After entering the password, the channel appears. When the channel is changed and this channel is revisited, the password appears as off. You should change lock to "Off" in the Program Settings in order to unlock the channel.

Store: You can save the adjustments.

**Note:** The Child Lock should be On in order for this lock be functional.

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EXTERNAL DEVICE MODES		
Not all menus appear in the external device modes, these can be different from TV menus. For example: YPbPr mode In this mode, some of the menus are closed. Volume, Picture and Settings menus are operative There is no change in the Volume Menu In the Picture menu, the "dyn.skin tone" has been removed. Info options have been added. Info: The information on the display resolution appears The options related to text have been removed in the settings menu.	<ul> <li>Video Noise: In the video noise, there are "Phase a Clock" options. Using these options, you can make the display more clear.</li> <li>Auto Adjust. This automatically adjusts the settings, a should be used in preference to manual adjustments. Info: The information on the display resolution appears Factory: Provides restoration of the picture settings factory settings.</li> <li>Colour Temp. Sets the picture "temperature". When US is selected the message "White Tone RGB" appears. The text related options have been removed in the setting menu.</li> </ul>	
<ul> <li>PC mode</li> <li>Some of the menus have been closed in this menu. Sound, Picture and Settings menus are preserved.</li> <li>To the Sound Menu, the Audio option is added. When the Audio is On, you can hear the sound of your computer from the TV speakers. When it is off, you cannot hear your computer's voice from your TVs speakers.</li> <li>In the Picture Menu, "dyn.skin tone" option has been removed. Position, Video noise, Auto adjust, Information, Factory and Color temp options have been added.</li> <li>Position: Adjust horizontal and vertical position of the picture.</li> </ul>		

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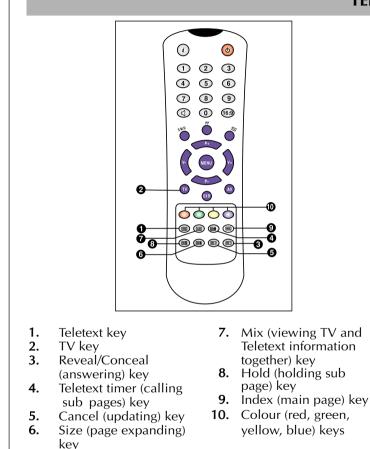
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# TELETEXT

#### TELETEXT MODE

If the channel you are watching has a teletext broadcasting, you can perform various transactions by shifting to teletext mode using the below described buttons:

**1. Teletext** : Provides shifting to teletext broadcasting in the current channel

**2. TV** : Used for shifting to TV broadcasting while you are in Teletext mode

**3. Reveal / Conceal (Responding)** : Provides displaying or re-saving of some information hidden in the teletext broadcasting while in teletext mode

**4. Teletext Timer (Calling the subpages) (E)**: While in TV mode, this mode displays the timer of your TV set on the upper right corner of the screen. In the Teletext mode, this is used for a direct access to the subpages of the current page.

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For Example: You are in the teletext page No. 500. If the message 1/2 appears, the number 1 shows the subpage number and the number 2 shows the total number of subpages. Pressing teletext timer button in this case, the **S** - - - marks will replace the teletext page number. Using the number 0 to 9 on the RC, you can access the subpage you would like to. For instance, if you want to access the second subpage, press the numbers 0, 0, 0, 2.

# TELETEXT

**5. Cancel (Updating) EX**: While in teletext mode, pressing this button will bring TV broadcasting, but teletext is still active and if a new page number is entered, page search will continue. When the required page comes, a message for page number is displayed. Pressing this button once more, the teletext page

**6. Size (Page expanding) E**: This button is used for displaying the current teletext page in 3 different formats. This converts the display in normal size, upper half doubled or lower half doubled format

#### 7. Mix (Simultaneous TV and TELETEXT broadcasting)

: This provides simultaneous broadcasting of the current channel and the related teletext data. Pressing the mix button again will shift the TV to normal teletext mode.

**8. Hold (Holding sub page) EX** : If a teletext page has subpages, such subpages are displayed from time to time. In such a case, this button is pressed to hold that page continuously on the screen. When the page is held pressing "HOLD", the HOLD script appears on the upper left corner of the screen. Pressing this button again will release the page from the hold position.

**9. Index (Home Page) (Ei)** : This button provides direct access to the teletext index page

#### 10) Colour Keys (RED/GREEN/YELLOW/BLUE)

You can scan the teletext information more easily using these four colour text buttons.

#### EXAMPLE:

Press <b>RED</b>	Press <b>GREEN</b>	Press	Press <b>BLUE</b>
button to	key to receive	YELLOW key	key to receive
receive TV	Sports	to receive the	weather
information	Information	news	forecast
¥	¥	¥	¥
TV GUIDE	SPORTS	NEWS	WEATHER

The above given information are given for instance. The color may change depending on the searched page.

Note: Some models do not have TELETEXT feature.

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# TROUBLESHOOTING GUIDE

Please see below for a "User Help " guide. Please try the suggestions before calling the Customer Help line. DO NOT ATTEMPT ANY INTERNAL ADJUSTMENTS. THERE ARE NO USER SERVICABLE PARTS INSIDE.

Symptom	Possible Cause	Remedy	
Set Dead. No Led lit	Power not connected to $Tv$	Check all connections. Turn mains socket On.	
No Picture. Screen dark.	Set in Standby	Use P+/P- buttons or a "Numeric" button to bring Tv out of standby	
	Set switched to AV	Turn AV input on or switch Tv to Tv mode	
No picture. Noise on screen	Poor signal.	Check aerial connections.	
Weak Ghosting pictures	Poor signal	If using an indoor aerial, connect to a better/outdoor aerial. H external aerial checked	
No Picture on AV	AV connections not made	Check AV connections and that Av source is turned on.	
No display when using PC.	PC out of range for monitor.	Enter PC settings and set display for 60Hz in advanced settings.	
Noisy jittery pictures in PC mode	PC not matched to monitor.	Enter menu and select "Auto setting"	
No remote or intermittent control	Batteries low.	Replace batteries	
	High room incident light	Darken room.	
Broken Teletext	Poor Tv signal.	See above regarding aerials	

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If you are still having difficulty please call the Technical help line. Ring 01422 203676 (Normal rates apply). Opening hours Mon-Fri 8 am – 8pm. Sat 9 am – 4pm. Sun 11am – 4pm "Bank holidays as Sun"

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	TECHNICAL SPECIFICATIONS
Screen Size	15″
Standard Size	39 cm
Power Consumption	36 W
Operating Voltage	AC 230V ~50Hz ( by adapter 12V DC)
TV System	MULTI SYSTEM / NTSC PLAYBACK
Band	VHF 1 Band 2 - 4
	VHF III Band 5 - 12
	UHF Band 21-69
	S Band S1-S41
Aerial Input	75 ohm Standard Antenna Socket
Program Capacity	100 + AV
Picture Tube	TFT LCD Panel 1024 x 768 resolution
Sound Output rms	2 x 2 W
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# **CROSSED OUT WHEELIE BIN** The crossed out "Wheelie bin" is intended to show that this appliance must not be placed with ordinary household waste. When this appliance has reached the end of its useful life. It must be disposed of in accordance with local by-laws. Consult your local waste disposal authority. (WEEE Directive)

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