

TX-G10/C Operating Instruction

English

←
BACK

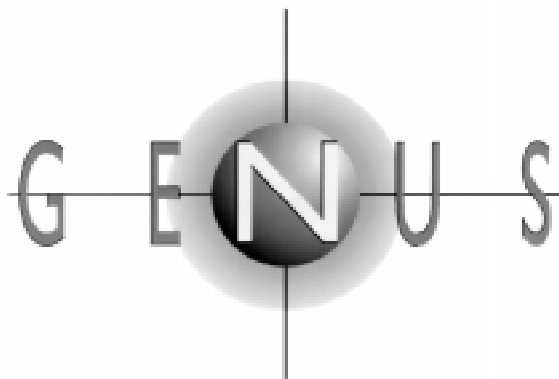
EXIT

Panasonic



TX-G10/C

Portable Colour Television



**TOP
TEXT**



Welcome

Dear Panasonic Customer,

Welcome to the Panasonic family of customers. We hope that you have many years of enjoyment from your new colour television. This is a very advanced television; however, the Quick Start Guide will tell you how to have the TV operating quickly. You can then read the instructions completely and retain them for future reference.

Contents



Warnings and Precautions	2
Accessories	4
Connections	4
Controls	6
Menu System	7
Teletext	10
AV Connections	11
VCR Installation	12
VCR Operation	13
Troubleshooting	13
Removing the Visor	14
Specifications	15

Warnings and Precautions

- This TV set is designed to operate on a 220 – 240V, 50Hz A.C. mains supply, or a supply of 12 – 24V D.C.
- To prevent damage which might result in electric shock or fire, do not expose this TV set to excessive moisture, rain, sea water or salty air.
- **WARNING : HIGH VOLTAGE !!!**
Do not remove the rear cover as live parts are accessible when it is removed. There are no user serviceable parts inside.
- Avoid exposing the TV set to direct sunlight and other sources of heat.
- The On/Off switch on this model does not fully disconnect the TV from the mains supply. Remove the mains plug from the wall socket when the TV set is not used for a prolonged period of time.
- **CABINET AND PICTURE TUBE CARE**
Remove the mains plug from the wall socket. The cabinet and picture tube can be cleaned with a soft cloth moistened with mild detergent and water. Do not use solutions containing benzol or petroleum. TV sets can produce static electricity, care must be taken whenever touching the TV screen.
- Adequate ventilation is essential to prevent failure of electrical components, we recommend that a gap of at least 5cm is left all around this television receiver even when it is placed inside a cabinet or between shelves.
- This TV set is not intended for use in moving vehicles. The dc power lead supplied with this unit is intended to connect the TV to a motor vehicle's power socket only if the vehicle is stationary.

Warnings and Precautions

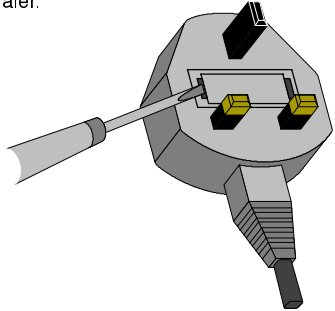
This appliance is supplied with a fitted three pin mains plug for your safety and convenience. A 5 amp fuse is fitted in this plug. If the fuse is replaced then the replacement fuse must be 5 amp rated and should be approved by ASTA or BSI to BS1362.

Check for the ASTA mark  or the BSI mark  on the body of the fuse.

If the fitted plug has a removable fuse cover you must ensure that it is refitted when the fuse is replaced. If you lose the fuse cover the plug must not be used until a replacement cover is obtained. Replacement fuse covers can be purchased through your local Panasonic dealer.

The plug fitted to this appliance incorporates a mains filter circuit. If this is removed or replaced with a non-filtered mains plug this television will no longer meet the European standards for Electromagnetic Compatibility (EMC). If the fitted plug is unsuitable for the socket outlet in your home an appropriate adapter should be used.

Nonetheless, if the fitted plug is replaced, the fuse should be taken out and the cut-off plug disposed of safely. There is danger of severe electrical shock if the cut off plug is inserted into any 13amp socket.



If a new plug is to be fitted please observe the wiring code as shown below. If in any doubt please consult a qualified electrician.

How to replace the fuse :

Lift out the removable fuse compartment with a screwdriver and replace the fuse, then refit securely into the mains plug.


IMPORTANT :- The wires in the mains lead of this appliance are coloured in accordance with the following code :-

BLUE : NEUTRAL

BROWN : LIVE

As the colours of the wires in the mains lead of this appliance may not correspond to the markings identifying the terminals in your plug, proceed as follows :-

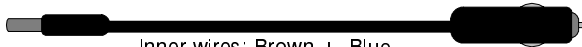
1. The **BLUE** wire must be connected to the terminal marked 'N' or coloured black.
2. The **BROWN** wire must be connected to the terminal marked 'L' or coloured red.

IMPORTANT NOTE : Under no circumstances should either of these wires be connected to the Earth terminal of the three pin plug, marked with the letter 'E' or the earth symbol ().

Important Note :
The layout of the mains plug used may differ from this illustration.

If the D.C. power cable should become broken, an identical replacement should be obtained from your Panasonic dealer.

Centre +
Outer -



Inner wires: Brown +, Blue -

Internal Fuse:
10A, 250V

Accessories

Check that you have the accessories and items shown



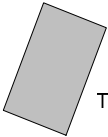
Operating Instructions
TQB8E2686



Remote Control
Transmitter
(EUR511300)



Batteries for Remote
Control Transmitter.
(2 x R6 (UM3) size)



TV Guarantee

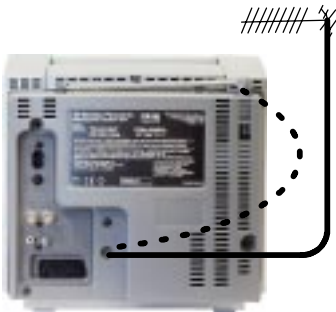


Telescopic
Aerial
(TSA8E006 /
TSA120026)



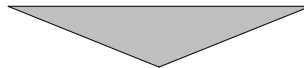
G10 to Car Power
Adaptor (TSX8E0037)

Connections



TV only

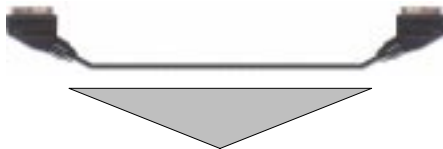
Connect a RF cable direct to the TV Aerial socket (Υ), or firmly insert the telescopic aerial into the case socket (until it clicks into place) and connect the cable to the TV Aerial socket (Υ).



TV and VCR

Connect a RF cable to the Aerial In socket of the VCR and an RF cable from the VCR Aerial Out socket to the TV Aerial socket (Υ).

The VCR can also be connected to the TV using a SCART cable.



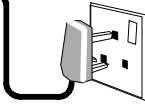
Note: Additional equipment and cables are not supplied. Further details of Audio / Video connections can be found on page 11.

Connections



Power

Switch ON your VCR, if connected.
Switch ON your Satellite Receiver, if connected.



Plug the TV into a mains socket and switch power ON.

OR



Connect the TV to a 12V or 24V D.C. supply.

NOTE: If a mains supply and a D.C. supply are connected at the same time, the mains supply will be used. Only use the supplied power cables.

NOTES:

We recommend that you switch ON the VCR's test signal – refer to your VCR instruction book. If a Satellite receiver is connected, it must be tuned to either SKY ONE or SKY NEWS before starting Auto Setup. When Auto Setup has finished, the satellite position that has been stored will be listed as 'SAT'.

Switch ON...



Power
ON / OFF

Auto Setup

Select your language



Select OK to proceed



Select your country



Press the red button to begin Auto Setup

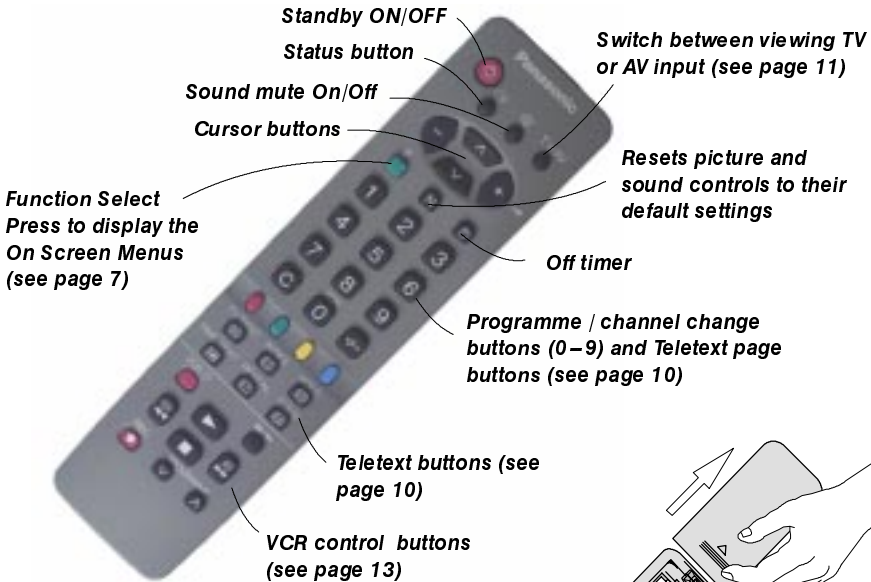


Notes:

If the order in which the stations are stored is not to your preference it can be rearranged. Refer to the Tuning menu Swap feature – see page 9 for details.

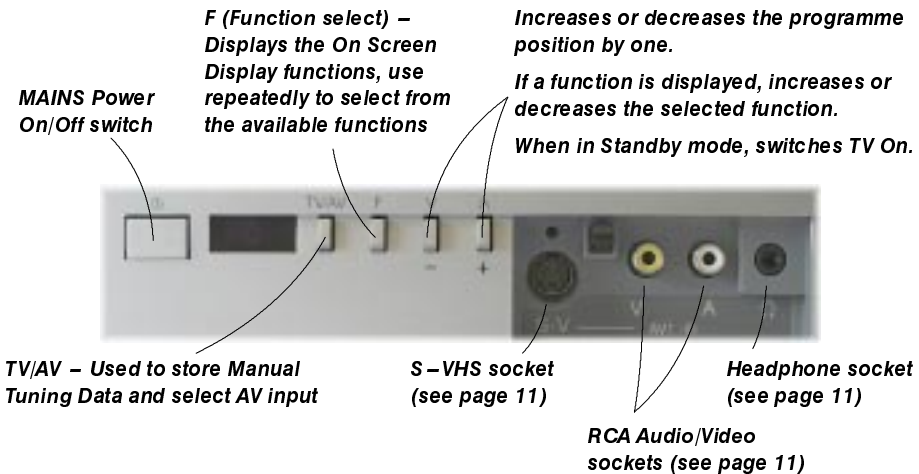
IT IS IMPORTANT that you only use TV programme position '0' to view your VCR. If your VCR picture does not appear on programme position '0' (the VCR position), it will be necessary to either adjust the RF channel of the VCR, or to adjust the tuning of the TV's programme position '0' until the RF output of the VCR is received.

Controls



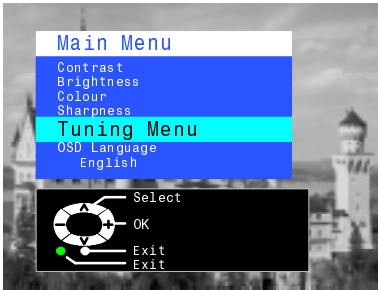
Remote Control batteries

- Make sure that the batteries are fitted the correct way round.
- Do not mix old batteries with new batteries. Remove old, exhausted batteries immediately.
- Do not mix different battery types, i.e. Alkaline and Manganese or use rechargeable (Ni-Cad) batteries.



Menu System

This TV uses a system of On-Screen Displays (OSDs) to access functions



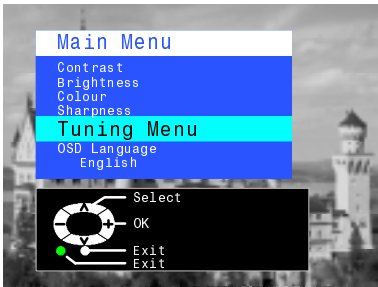
Follow the instructions shown in the lower box

- Some functions use the **TV/AV** key
- Use the cursor keys to move about the menus
- Press the F key to display the menus**

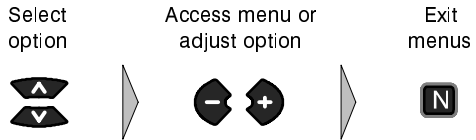


Press the **N** key to exit the menus

Main Menu



Allows you to adjust the **main picture controls** and **OSD Language** and provides access to the **Tuning** menu.



Tuning Menu



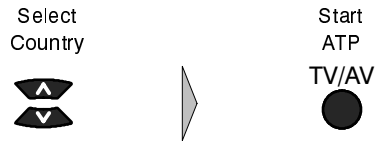
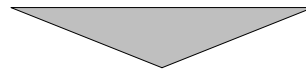
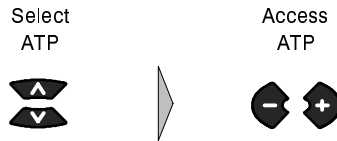
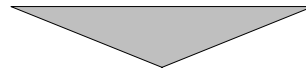
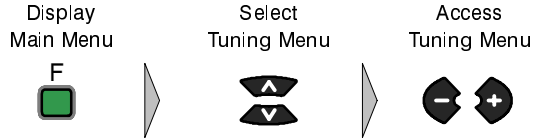
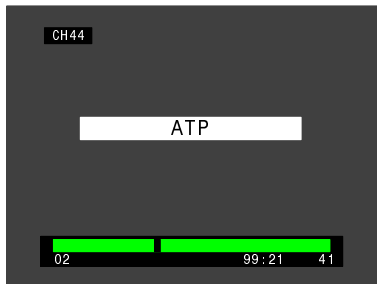
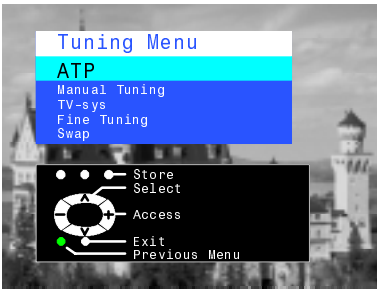
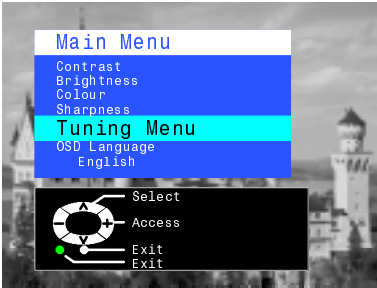
Provides access to the **ATP**, **Manual Tuning**, **TV-sys**, **Fine Tuning** and **Swap** features.

Menu System

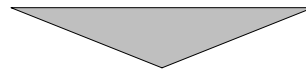
This television is capable of receiving programmes broadcast in the different television standards used in many countries.

ATP allows you to select different countries – the television will then select the correct broadcast standard for that country before performing the ATP procedure.

ATP



Note: If you select the 'EU' option, you will have the option to manually select the correct sound system.



ATP will begin.

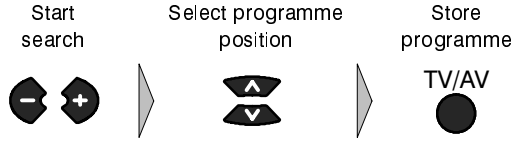
The Tuning scale shown at the bottom of the screen depends upon the country or standard selected.

Menu System

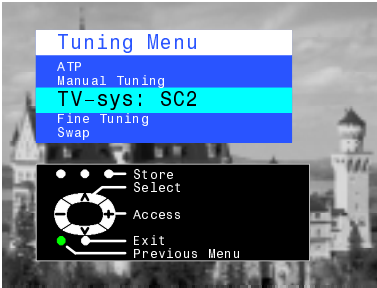
Manual Tuning



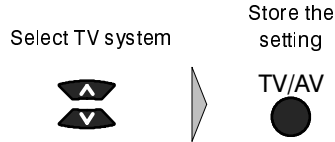
Allows you to manually tune programme positions:



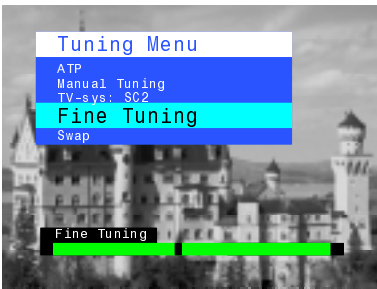
TV-sys



Allows you to select the correct TV system for the current programme position:



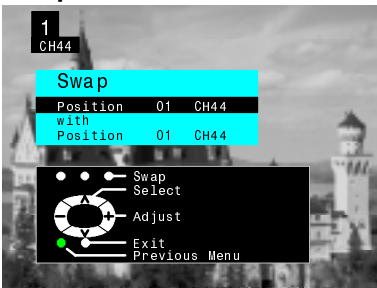
Fine Tuning



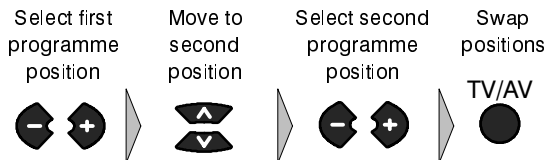
Allows you to finely adjust the tuning of the current programme position:



Swap



Allows you to change one programme position with another:



Teletext

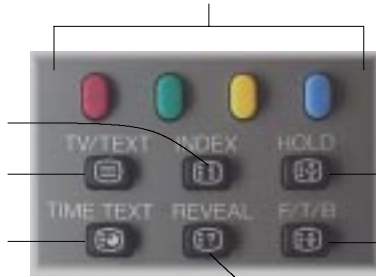
Teletext is the broadcasting of pages of information on your T.V. screen containing various subjects, the order and availability of which is dependent upon the Broadcasting Companies. If the Function Select key (F) is pressed whilst in Teletext operation, only the Contrast can be adjusted. It is not possible to adjust the Brightness function when in Teletext operation.

Coloured keys select the TOP / FLOF / Normal options displayed at the bottom of the teletext page.

Selects the nearest Index page

Switches between TV and Text mode

Enters sub-page access mode



Freezes the current page

Enlarges the top or bottom of the display

Displays quiz page answers

To select a Teletext page, press the **TV/TEXT** button, then enter the three digit page number:



TOP / FLOF / Normal Automatic Selection

On switching to Teletext, normal mode will be displayed whilst a search is performed firstly for a TOP transmission and then secondly for a FLOF transmission. If either one is found, the boxes at the bottom of the screen will change to show either the TOP Text functions or the available subjects for FLOF.

If either of these signals are not found then the TV will operate in NORMAL mode whereby the :

Red key moves one page down.

Green key moves one page up.

Yellow key moves up in blocks of ten pages.

Blue key moves up in blocks of 100 pages.

Index

In TOP and FLOF modes, returns to the relevant index page.

Depending on the way information is transmitted, this may have to be pressed more than once to return to the main index page.

Sub Page Access (Time Text key)

When teletext information exceeds more than one page, it may take some time for the automatic changing of the sub pages to reach the sub page you require. It is possible to enter the required sub page and skip the pages in between.

Select the required page number using keys 0 – 9.

Press **TIME TEXT**.

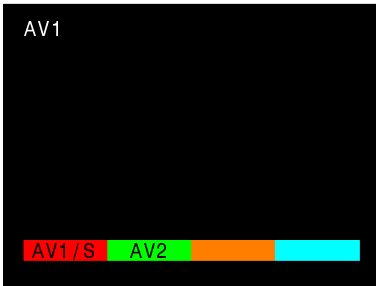
Press **RED (-)** or **GREEN (+)** to select the required sub page.

When the page is found, it will be displayed.

Press **TV/TEXT** to exit Teletext operation.

AV Connections

AV input selection



Allows you to select the AV input to be displayed:

Enter AV mode



Red to select AV1 or AV1-S



Green to select AV2

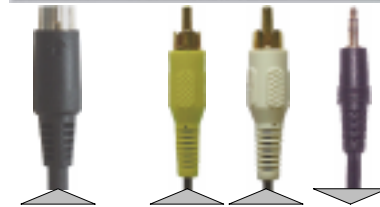


or

Front AV and Headphone sockets



Press and release to open



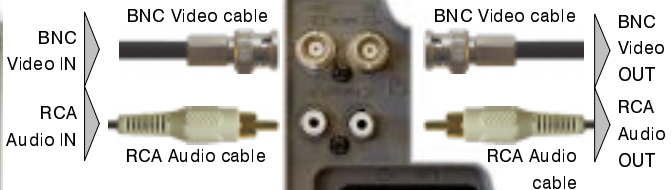
S-Video IN
S-Video cable

Video IN
RCA Video cable

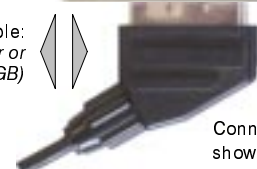
Audio IN
RCA Audio cable

Headphones OUT (3.5mm plug).
(The TV's speaker will be disconnected whilst headphones are connected.)

Rear AV sockets



SCART cable:
from VCR, Satellite Receiver, Camcorder or Games Console / Computer (RGB)



Connectors and cables shown are not supplied.

Notes:

- Do not connect a computer with TTL (5V) output to this TV.
- Do not connect front and rear AV inputs, or both front AV inputs, simultaneously as the sound and picture will be mixed.

VCR Installation

Your new TV is supplied with programme position '0' set to receive an RF signal from your VCR, although a SCART connection is preferable if the VCR is so equipped.

However, if for some reason your VCR is tuned to a different RF channel then you will not receive any picture or sound from your VCR on programme position '0' of the TV. It will be necessary to either adjust the RF channel of your VCR (some VCR's allow adjustment of their RF channel via their remote control unit) or to adjust the tuning of the TV's programme position '0' or both until the the RF output channel of your VCR is received. If a Satellite Receiver and a VCR are going to be used with RF cable connections it is **important** to avoid both units being set on the same channel. **It is intended that this advice is used in conjunction with the instruction books for your additional equipment.**

To tune the VCR to your TV...

Select TV programme position '0'



Insert a recorded tape in the VCR and start playback

Adjust the VCR's RF output selector. This is often found on the rear panel.



Note :

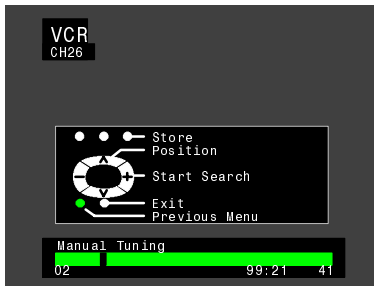
Some VCR's are capable of adjusting their RF channel via their remote control unit.

Refer to your VCR instruction book.

To tune the TV to your VCR...

Access the Manual Tuning function (see page 9)

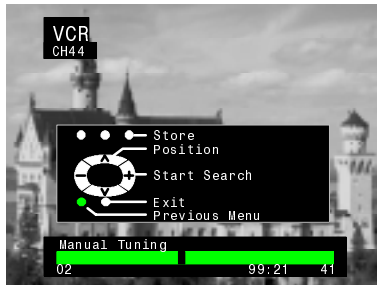
Insert a recorded tape in the VCR and start playback



Select TV programme position 0 (VCR)



Start Search



When VCR output is found, store programme



VCR Operation

The Remote Control is capable of operating some functions of selected Panasonic VCR's. Some VCR's have different functions, so to ensure compatibility please refer to the VCR's instruction book, or consult your dealer for details.



Troubleshooting

Before calling for service, determine the symptoms and make a few simple checks as shown below. For service please contact your local Panasonic dealer quoting the model number and serial number (both are located at the rear of the TV).

Picture	Sound	Checks
Snowy Picture or Multiple Images	Noisy Sound or Normal Sound	Aerial location, direction or connection. Telescopic aerial not extended.
Interference	Noisy Sound	Electrical appliances, vehicles, fluorescent lights.
Normal Picture	Noisy or No Sound	Volume level or sound muted.
No Picture	No Sound	No power connected, not switched on, in standby mode, battery is discharged, picture / sound controls set at minimum levels.
No Colour	Normal Sound	Colour controls set at minimum levels.
Poor or distorted picture	Normal or Weak Sound	Retune channel(s) Incorrect transmission system selected (TV Sys).

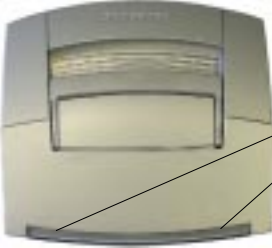
This set will provide approximately 19 hours of operation from a 12V 75Ah battery in good condition. If the set shuts down during battery operation due to low battery voltage, the front panel LED will flash.

Removing the Visor

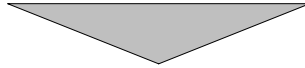
The transparent grey visor attached to the front of the set is designed to improve picture contrast in most viewing situations.

Occasionally, however, it may be beneficial to remove the visor for viewing purposes or for cleaning the picture tube.

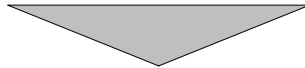
Top view of TV



Locate the fixing tabs at the top of the visor.




Pull the top of the visor forward, then lift upwards



Store the visor in a safe place to avoid damage.

To refit the visor, insert the bottom fixing tabs in the cabinet and then push the top of the visor firmly into place.

Specifications

Model	TX – G10/C												
Power Sources	220 – 240V 50Hz A.C. 12 – 24V D.C.												
Power consumption	39W												
Standby power consumption	1W 												
Picture Tube	23cm (visible diagonal)												
Audio Output	3.5W (music), impedance 8Ω, mono												
Dimensions	272mm x 283mm x 309mm (HxWxD)												
Weight	7kg												
Receiving systems	<p>PAL B, G, H, I, SECAM B,G SECAM L/L'</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">VHF E2 – E12</td> <td style="width: 50%;">VHF H1 – H2 (ITALY)</td> </tr> <tr> <td>VHF A – H (ITALY)</td> <td>UHF E21 – E69</td> </tr> <tr> <td>CATV (S01 – S05)</td> <td>CATV S1 – S10 (M1 – M10)</td> </tr> <tr> <td>CATV S11 – S20 (U1 – U10)</td> <td>CATV S21 – S41 (Hyperband)</td> </tr> </table> <p>PAL D,K, SECAM D,K</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">VHF R1 – R2</td> <td style="width: 50%;">VHF R3 – R5</td> </tr> <tr> <td>VHF R6 – R12</td> <td>UHF E21 – E69</td> </tr> </table> <p>PAL 525/60 Playback of NTSC tape from some PAL video recorders (VCR) M.NTSC Playback from NTSC 4.43 MHz Videorecorders (VCR) NTSC (AV input only) Playback from NTSC Videorecorders (VCR)</p>	VHF E2 – E12	VHF H1 – H2 (ITALY)	VHF A – H (ITALY)	UHF E21 – E69	CATV (S01 – S05)	CATV S1 – S10 (M1 – M10)	CATV S11 – S20 (U1 – U10)	CATV S21 – S41 (Hyperband)	VHF R1 – R2	VHF R3 – R5	VHF R6 – R12	UHF E21 – E69
VHF E2 – E12	VHF H1 – H2 (ITALY)												
VHF A – H (ITALY)	UHF E21 – E69												
CATV (S01 – S05)	CATV S1 – S10 (M1 – M10)												
CATV S11 – S20 (U1 – U10)	CATV S21 – S41 (Hyperband)												
VHF R1 – R2	VHF R3 – R5												
VHF R6 – R12	UHF E21 – E69												
Connections: Front	<p>AV1 – 1 x RCA Audio IN, 1 x RCA Video IN. AV1/S – S – Video IN, Headphones output: 3.5mm socket, impedance 8Ω, mono.</p>												
Rear	<p>AV1 – 21 – pin Scart terminal (IN/OUT, RGB IN) AV2 – BNC Video IN / Video monitor OUT, AV2 – RCA Audio IN / Audio monitor OUT UHF(Aerial) IN D.C. Power IN, A.C. Power IN</p>												

Design and specifications are subject to change without notice.
Weight and dimensions shown are approximate.



This television has a low power consumption making it very cost effective to run.
To this end, the standby power consumption is merely 1 watt.