

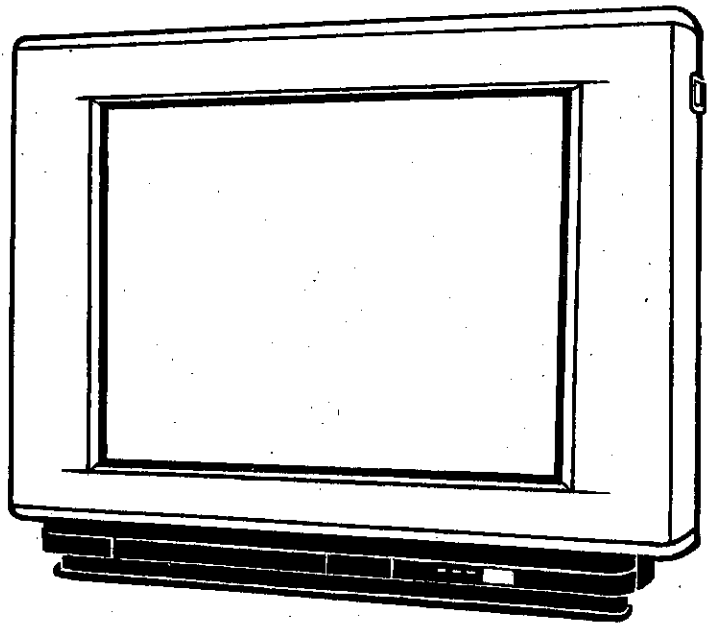
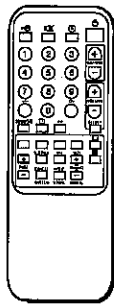
SANYO

**Instruction
Manual**

**Colour
Television**

Model CPP3250TX

**TELETEXT
STEREO
VMT(PAL/NTSC playback)**



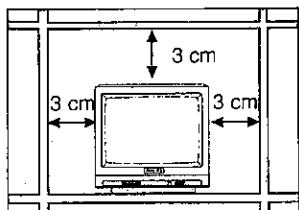
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SPECIFICATIONS

| SYSTEM | PAL B/G |
|---------------------|--|
| OPERATING VOLTAGE | AC 240V +15% -10%, 50Hz |
| CHANNEL | VL:CHA0 ~ S9, VH:CH S10 ~ S41, UHF:CH E21 ~ E69 |
| POWER CONSUMPTION | 160W |
| AUDIO OUTPUT POWER | 7W+7W |
| SPEAKER | WOOFER 4" +4" TWEETER 2" +2" |
| CRT | 32" DEFLECTION ANGLE 110 |
| WEIGHT | 62 Kgs |
| DIMENSION W × H × D | 862 × 689 × 560mm |
| ACCESSORIES | OWNER'S MANUAL REMOTE CONTROL BATTERY |
| TERMINALS | VIDEO:1Vp-p AUDIO:0.4Vrms |
| SAFETY | IEC65 |

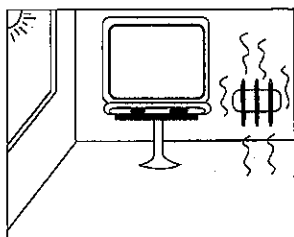
WARNING AND CAUTIONS



Place the TV on a solid base (e. g a TV/Video cabinet).

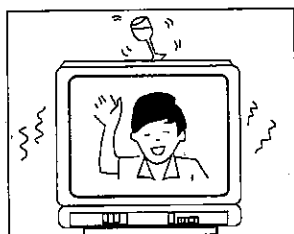
Do not cover the top of set. Leave at least 3 cm around each side of the TV for ventilation.

Do not place the TV set directly on a VCR. Leave a gap of at least 15cm between the TV and VCR

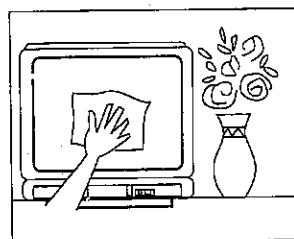


For best results, choose a position where light does not fall directly on the screen.

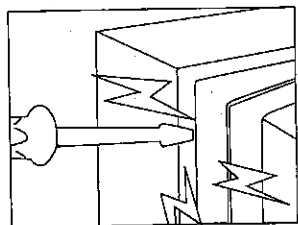
And at some distance away from radiators or other sources of heat.



To prevent damage which might result in fire or electrical shock, do not expose the TV set to rain or excessive moisture.

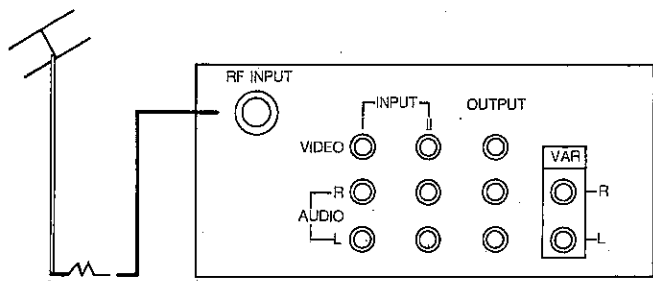


If it possible clean the TV screen using a slightly damp chamois leather. Never aggressive cleaning agents.

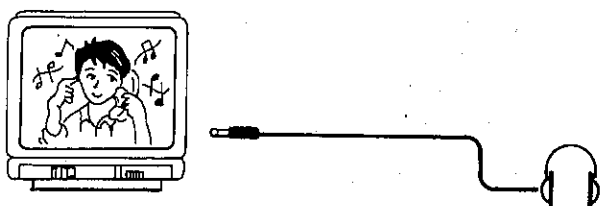


Never attempt to repair a defective TV yourself always consult a skilled TV service engineer.

INSTALLATION



Connect the aerial plug to the socket located at the back of the TV



Headphones Socket

The headphones socket is of 3.5mm jack type and the headphones used should be between 32 and 4000 ohms.

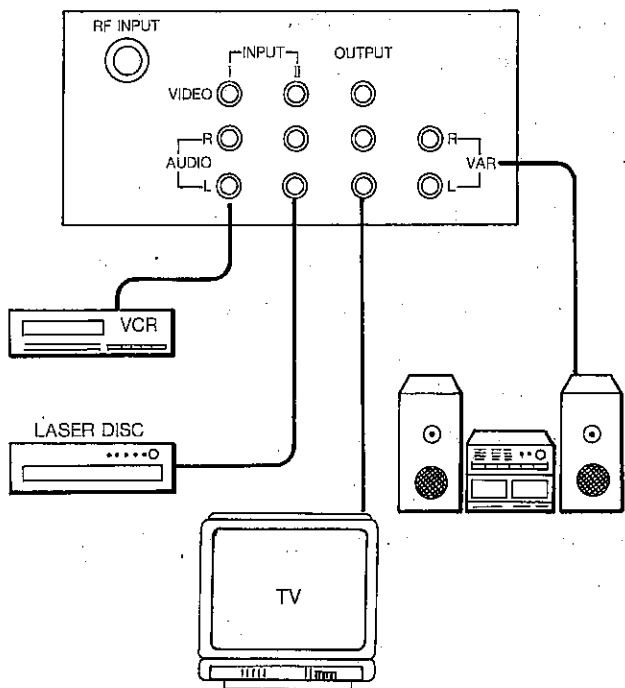
Video 1 connection

Connection the Video and Audio Left sockets to your MONO VCR. If stereo VCR is used, connect the Audio Right socket also.

NOTE : Video Input.

Video 2 connection

You can playback your Laser disc via this connection. Connect the Video , Audio Left and Right sockets respectively.



Monitor out connection

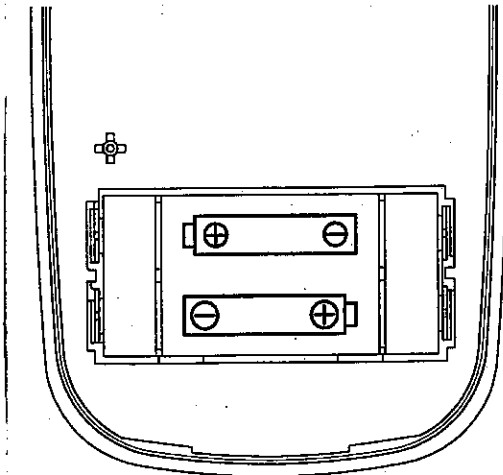
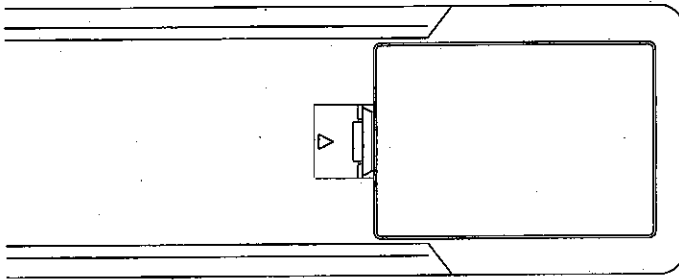
Allows you to record what you are viewing on the TV onto a VCR. Connect the Video , Audio Left and Right sockets respectively.

You can also enhance the sound of your TV by connecting the VAR Left and Right sockets to your external hi-fi amplifier.

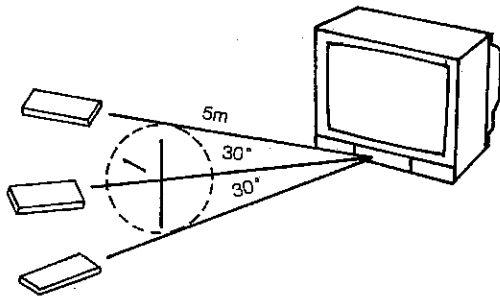
Please connect the AUDIO input in L terminal when in VIDEO mode and audio is MONO type.

INSTALLATION

BATTERY IN REMOTE CONTROL



Open the cover on the back of the remote
Insert two R03/AAA/UM-4N batteries.
Be sure the polarity is correct.
Replace the cover.

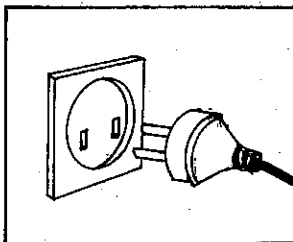


NOTES:

To avoid damage from possible battery leakage ,
remove the batteries for extended unused periods.
Be sure that there are no obstructions between the
Remote Control and the TV.

Operating range is specified for normal use.

The shorter the distance between the Remote
control and the TV , the narrower the angle within
which the Remote Control can operate the TV.



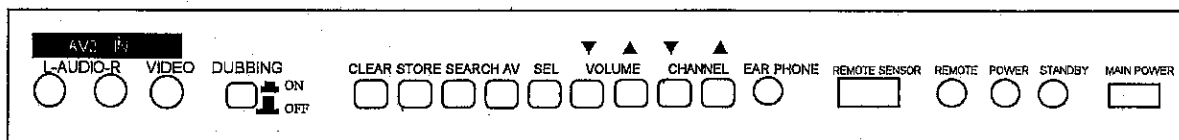
IMPORTANT:

The TV is only suitable for a main
voltage of AC 220/240V ~,50Hz

Connect the TV to the mains supply
socket.

(this is not representative of the actual
plug and socket)

GENERAL OPERATION



1. POWER ON/OFF

Push this switch to turn the TV set in standby condition. The STANDBY LED will be on.

2. CHANNEL UP/DOWN

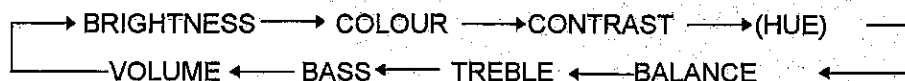
Use the channel ▲ or ▼ button to select the desired channels in numerical order. The channel number will be displayed on the top left hand corner of the screen. If the set in standby condition, push either of the channel select button to turn the TV set on.

3. VOLUME UP/DOWN

Push the VOLUME ▲ or ▼ button to increase or decrease the sound volume. Release either button when the sound volume is at desired level. The volume level is indicated as numerical on the bottom left hand corner of the screen.

4. SEL

Push the SEL button to select one of eight kinds of control function. The control functions will appear in order if push the button again and again. The appearing order of the control function is as follow:



GENERAL OPERATION

5. VIDEO(AV)

Push the AV button once to switch the set to receive VIDEO I input signal. The " AV-1 " will appear on the right up hand corner and disappear after five seconds. Push the button again, it switch to receive VIDEO II input signal. The " AV-2 " will appear on the top right hand corner of the screen and disappear about after five seconds. Push the button one more, it will return to original TV channel.

6.SEARCH

Push the SEARCH button. The set will automatically search to find the next available station. While searching Green bar will appear on the screen. Once a station is locked, the on screen display will disappear .

If you wish to store this station, press the STORE button. The word store will appear in red. Now select the program number by using the numeric keys on the remote control or the channel up/down buttons

The STORE button must now be pressed to confirm. The word STORE now changes to green colour .

To tune the next station, press the SEARCH button and follow the above procedure again.

7.STORE

Push the STORE button to memorize your selections as described above.

Remember : Press STORE, then select a program number, and then press STORE again to confirm.

GENERAL OPERATION

8. CLEAR

Push CLEAR button to clear a channel that you do not want to use. If the CLEAR button is pushed, " CLEAR " will appear on the screen in red color. Then enter the channel number to be cleared. Push the CLEAR button again. The channel will be cleared and the on screen display will change to green color.

9. EARPHONE JACK

Earphones Socket is of 3.5mm jack type and the earphones used should be between 32 and 4000 ohm.

10. DEGAUSSING Please note

If the set develops colour patches on the screen, degaussing will be required and may be performed in the following manner:

1. Power-off the TV set by power button on the front panel.
2. Leave the TV off for around 20 minutes.
3. Power on the TV set again.

It may be necessary to repeat the above steps a few times to remove the colour patches completely.

PLEASE DO NOT :

Colour patches are normally caused by magnetic field.

1. Do not place stereo speakers in close proximity to the television set.
2. Do not move the television while it is switched on.

GENERAL OPERATION

11. DUBBING



 ON

 OFF

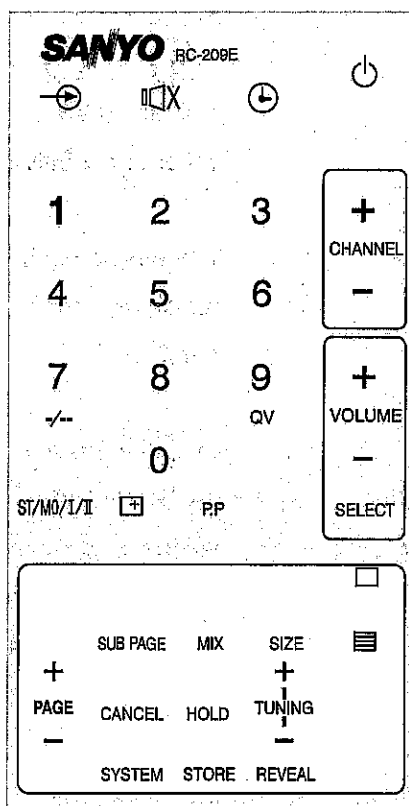
To use the dubbing control, select AV2 input terminal. By pressing the dubbing button once, this will allow record/copy mode to be selected. Depress button again to use the play mode. Retain the button in the off position for normal usage with a VCR.

If the button is set to the on position during normal VCR usage, picture quality will be affected.

12. FRONT VIDEO II


The front AV input terminal and back AV2 input are connected together and if one is used as an input terminal, the other can only be used as an output terminal, therefore only allowing a combination of play and record only, it is impossible to use both as input terminals simultaneously.

OPERATING WITH REMOTE CONTROL




1. POWER 

Push this button to ON/OFF the set.

2. MUTE 

Push this button will mute the sound. The word MUTE will appear in red. Pressing the button again will deactivate the mute. In this case, the words MUTE OFF will appear on the screen in red.

3. 
VOLUME

Use to control the sound volume. Push the "+" or "-" button to obtain the desired volume level.

OPERATING WITH REMOTE CONTROL

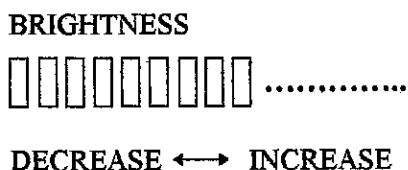


Use to select desired channel. Push the access number buttons 0-9 or CH " + " " - " buttons to select the desired channel. If the set in standby mode , push either of the button to turn the TV set on.



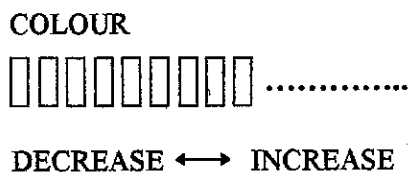
The function of this button is the same as SELECT button on front panel. It selects a desired control function.

5-1 BRIGHT CONTROL



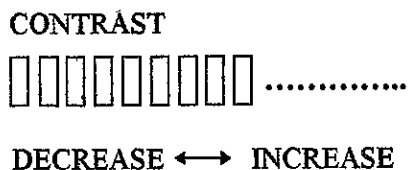
Push the function select button to select the BRIGHTNESS control. When the BRIGHTNESS control is selected, the bottom of the screen will display the indicative band. Push the volume " + " or " - " button to adjust BRIGHTNESS control to the desired level.

5-2 COLOUR CONTROL



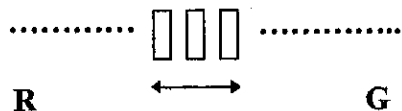
Push the function select button to select the COLOUR control. When the COLOUR control is selected the bottom of the screen will display the indicative band. Push the volume " + " or " - " button to adjust the COLOUR to the desired level.

5-3 CONTRAST CONTROL



Push the function select button to select the CONTRAST control. When the CONTRAST control is selected the bottom of the screen will display the indicative band. Push the volume " + " or " - " button to adjust the CONTRAST control to the desired level.

5-4 NTSC HUE



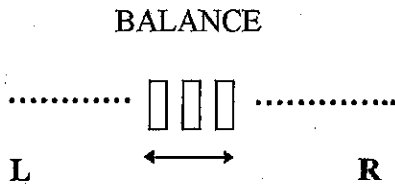
(Only for programs in the NTSC mode)

Press SYSTEM button to let the screen appear SYSTEM 3 SYSTEM 4.

Press the SELECT button on the remote control to select the NTSC-HUE.

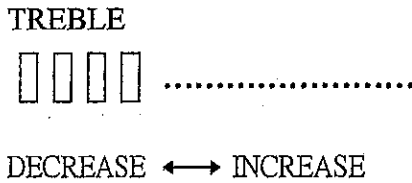
OPERATING WITH REMOTE CONTROL

5-5 BALANCE CONTROL



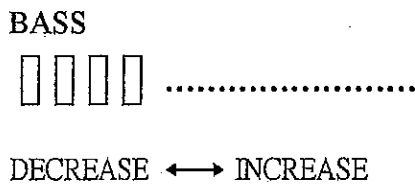
Push the function select button to select the BALANCE control. When the balance control is selected, the bottom of screen will display the indicative band. Push the volume "+" or "-" button to adjust the BALANCE to obtain the desired balance condition between the left & right.

5.6 TREBLE CONTROL



Push the function select button to select the TREBLE control. When the treble control is selected, the bottom of screen will display the indicative band. Push the volume "+" or "-" button to adjust the TREBLE to obtain the desired treble volume.

5.7 BASS CONTROL



Push function select button to select the BASS control. When the bass control is selected, the bottom of screen will display the indicative band. Push the volume "+" or "-" button to adjust the BASS to obtain the desired bass volume.



The function of this button is the same as AV button on front panel to switch the input signal from VIDEO I VIDEO II or RF.



Push the QV button to revert the receiving channel to the previously selected channel instantly.

OPERATING WITH REMOTE CONTROL

8. ST/MO/ I / II



Push the ST/MO/ I II button to show the audio condition of the receiving channel. If it is stereo signal, "STEREO" will be appear on the screen in red color. If it is dual signal, "Dual I" or "Dual II" will be appeared on the screen in red color representing main or SUB. If it is MONO signal, "MONO" will be appeared on the screen in red color. The on screen display will disappear automatically within five seconds.

9. -/--



- a. Push -/-- button to select one digit or two digit entry. Use one digit entry if the program is 0-9. Use two digit entry if the program is 10-69.
- b. If in teletext mode, push the number keys to select teletext pages.

10. (L)



Push the SLEEP button to set the SLEEP TIMER in 15 minutes one step up to 2 hours. When the setting time is run to 0, the set will turn OFF automatically and go to stand-by mode. If this function is not required, set the TIMER at OFF condition.

11. (+)



Push this button to display the channel. Band and SLEEP timer information of receiving channel in order.

12. P.P



Push this button to reset all altered settings to user stored values. On receipt of this command the screen will show a green message P.P.

OPERATING WITH REMOTE CONTROL

13. TELETEXT ON



Push this button to turn to teletext mode.

14. TELETEXT OFF



Push this button to return to normal mode (RF) from teletext mode.

15. SIZE



Push SIZE button to enlarge the top half or bottom half of any page. Push it once, the screen will be displayed from full screen in normal size to upper half of the screen in double height. Push this button again to display lower half of the screen in double height. Push this button once more to return to display full screen in normal size.

If in RF mode, this button is used as tuning " + " button.

16.



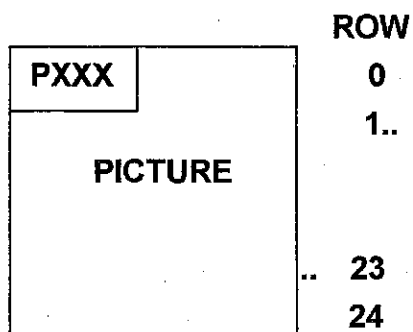
REVEAL

Push this button to reveal or conceal the hidden teletext information. After the information is revealed, most other commands will conceal the information again. If in RF mode, this button is used as tuning

" - " button.

OPERATION WITH REMOTE CONTROL

17. SUB PAGE



The page number may contain several subpages which are automatically paged in a certain cycle by TV station. Push this button first, the current subpage will be shown on row 0 in stead of the page number. If the current subpage was valid then a real subpage will be displayed.

(e.g. "T0001"), if the subpage was invalid then "T * * * *" will be displayed. In both case a new subpage can be entered. Push this button again, there are also 2 possibilities:

- (a) Subpage becomes don't care ("T0001").
- (b) The system switches to normal page entry mode. Row 0 is overwritten by current page number and a page request will be done without subpage.

18. MIX



Push this button to turn the system into mix mode or full text mode. The mix mode results in a combined display of picture and text. If in cancel mode, it will at first force the system into full TELETEXT mode.

19. CANCEL/SYSTEM



Push this button to turn the system into cancel model or TELETEXT mode. The CANCEL mode will remove all TELETEXT display from the screen (100% picture visible). If in mix mode, it will at first force the system into full TELETEXT mode.

If in RF mode, this button is used as

" SYSTEM " button.

SYSTEM 1 SYSTEM 2 represent PAL SYSTEM.

SYSTEM 3 SYSTEM 4 represent NTSC SYSTEM

(This model only has PAL SYSTEM in RF mode.)

OPERATION WITH REMOTE CONTROL

20. HOLD



Push this button once, the message " HOLD " will be appeared on the screen instead of the current page number and the page acquisition is stopped. Push this button again, the " HOLD " message disappears and a new page request is started. If in RF mode, this button is used as " STORE " button.

21.



PAGE




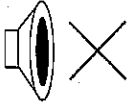
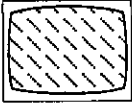
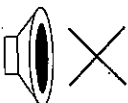

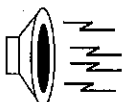

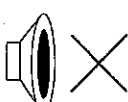

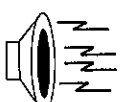

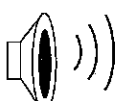
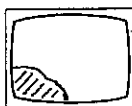
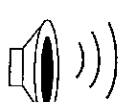
Push page " + " button to progress to next page.
Push PAGE " - " button to come down to previous page.

22. PAGE MEMORY

Press channel Down " - " then input the desire page number by press the group of number button and press the " STORE " button (7) for few seconds until the colour of direct page " RED " " GREEN ", " YELLOW ", " CYAN " become white.

TROUBLE SHOOTING

If the TV does not give the desired picture or sound quality, before calling for service, determine the symptoms and make a few simple checks as shown below:

| SYMPTOMS | | CHECKS |
|---|---|---|
|  <p>no picture</p> |  <p>no sound</p> | <ol style="list-style-type: none"> 1. Mains plug not plugged into AC outlet. 2. Not switched on or set in stand-by mode. 3. Contrast, brightness & volume settings. 4. Press the TV/Video button on the remote control to select TV mode. |
|  <p>snow only or snowish picture</p> |  <p>no sound</p> | <ol style="list-style-type: none"> 1. Aerial connection. |
|  <p>picture tearing</p> |  <p>noisy</p> | <ol style="list-style-type: none"> 1. Do a fine manual tuning as in Tuning. |
|  <p>normal picture</p> |  <p>no sound</p> | <ol style="list-style-type: none"> 1. Check Mute or Volume button. |
|  <p>interference</p> |  <p>noisy</p> | <ol style="list-style-type: none"> 1. Switch off electrical appliance e.g. hair-dryer, nearby fluorescent lamp, etc. |
|  <p>one white line</p> |  <p>normal</p> | <ol style="list-style-type: none"> 1. Switch off immediately and call service. |
|  <p>colour patch</p> |  <p>normal</p> | <ol style="list-style-type: none"> 1. Refer to Page 7, item 10 |

TROUBLE SHOOTING

| SYMPTOMS | | CHECKS |
|-------------------------------------|--------------|---|
| TV not responding to RC handset. | | <ol style="list-style-type: none">1. Obstruction2. Replace batteries of RC handset.3. Operating range |
| Cannot change TV program at AV mode | | <ol style="list-style-type: none">1. Press the TV/VIDEO button. |
| no colour | normal sound | <ol style="list-style-type: none">1. Check Colour control. |

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