



Colour Television

OWNER'S MANUAL

Please read this manual carefully before operating your set.
Retain it for future reference.
Record model number and serial number of the set.
See the label attached on the back cover and quote this information to your dealer when you require service.

Model number :
Serial number :

P/NO : MFL42008501(CP-079A,REV. 02)

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Important Precautions

This unit has been engineered and manufactured to assure your personal safety, however improper use may result in potential electrical shock or fire hazards. In order to allow the proper operation of all safeguards incorporated in this TV set, observe the following basic rules for its installation, use and servicing. Keep it in an accessible place for future reference.

On Safety

The power supply cord is used as the main disconnect device. Ensure that the socket-outlet is easily accessible after installation.

Operate the TV set only from a power source indicated in the specifications of this manual or listed on the TV set. If you are not sure what type of power supply you have in your home, consult with your dealer.

Overloaded AC outlets and extension cords are dangerous. So are frayed power cords and broken plugs. They may result in a shock or fire hazard. Call your service technician for replacement.

Hands must be dry when holding the power plug to avoid an electric shock.

Do not damage the power cord by disassembling, bending, pulling or heating up, it can cause fire or electric shock.

Make sure to completely insert the power plug. Insecure connections can cause fire.

Do not Open the TV set

- There are no user serviceable components inside.
- There are Dangerous High Voltages inside, even when the power is OFF.
- Contact your dealer if the TV is not operating properly.

To Avoid Personal Injury :

- Do not place the TV set on a sloping shelf unless properly secured.
- Use only fixed wooden stand. The TV shall be positioned 5cm behind the front edge of an open fronted with 1cm free space along the sides top and 5cm depth behind the TV.
- Do not try to roll a stand with small casters across thresholds or deep pile carpets.

To Prevent Fire or Hazards:

- Always turn the TV set OFF if you leave the room for more than a short period of time. Never leave the TV set ON when leaving the house.
- Keep children from dropping or pushing objects into the TV cabinet openings. Some internal parts carry hazardous voltages.
- Do not add accessories that have not been designed for this TV set.
- During a lightning storm or when the TV set is to be left unattended for an extended period of time, unplug it from the wall outlet and external socket.
- Do not bring magnetic devices such as magnets or motors near the picture tube.

Important Precautions

On Installation

Do not allow anything to rest upon or roll over the power cord, and do not place the TV set where the power cord is subject to damage.

Power

This set operates on an AC mains supply, the voltage is as indicated on the label on the back cover. Never apply DC power to the set. In the event of thunderstorms or powercuts, please pull out the aerial and mains plugs.

Service

Do not attempt to service the TV set yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Aerial

Do not use this TV set near water such as near bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool. TV set are provided with ventilation openings in the cabinet to allow the release of heat generated during operation. If these openings are blocked, built-up heat can cause failures which may result in a fire hazard. Therefore,

Location

Do not use this TV near water such as near bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.

TV set are provided with ventilation openings in the cabinet to allow the release of heat generated during operation. If these openings are blocked, built-up heat can cause failures which may result in a fire hazard. Therefore,

- The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table cloths, curtains, etc.
- Never place the TV set in a built-in enclosure unless proper ventilation is provided.
- No naked flame source such as lighted candles should be placed on the TV.
- Never place the TV set near or over a radiator or heat source.
- Position your set so that no bright light or sunlight falls directly onto the screen.

On Cleaning

- Unplug the TV set before cleaning the face of the TV screen.
- Use a slightly damp (not wet) cloth. Do not use an aerosol directly on the TV screen because overspray may cause electric shock.

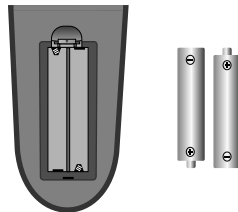
On Repacking

- Do not throw away the carton and packing materials. They make an ideal container in which to transport the unit. When shipping the unit to another location, repack it in its original material.

Caution: Please do not use stabilizer with TV set as this set has inbuilt voltage stabilizer. Use of inferior quality stabilizer may damage the set.

Battery installation

The remote control handset is powered by two AA/AAA type batteries. To load the batteries, turn the remote control handset over and open the battery compartment. Install two batteries as indicated by the polarity symbols (⊕ and ⊖) marked inside the compartment.



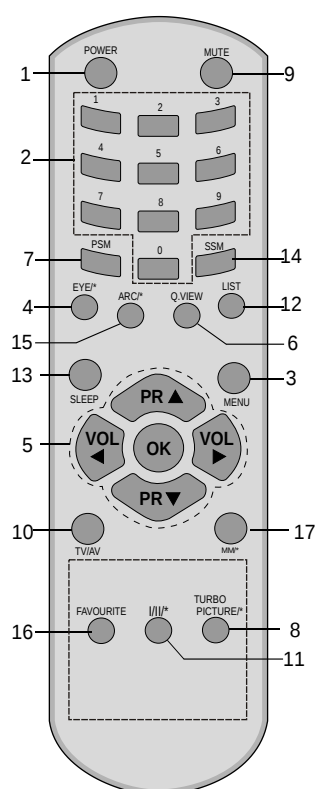
Note: To avoid damage from possible battery leakage, remove the batteries if you do not plan to use the Remote control handset for an extended period of time.

Location and function of controls

All the functions can be controlled with the remote control handset. Some functions can also be adjusted with the buttons on the front panel of the set.

Remote control handset

Before you use the remote control handset, please install the batteries. See the previous page.



- 1. POWER**
switches the set from On to standby or standby to On.
- 2. NUMBER BUTTONS**
switches the set On from standby or directly select a Programme number.
- 3. MENU**
selects a menu.
- 4. EYE/* (option)**
switches the eye function On or Off.
- 5. ▲ / ▼ (Programme Up/Down)**
selects a programme or a menu item.
- ◀ / ▶ (Volume Up/Down)**
adjusts the volume.
- OK**
accepts your selection or displays the current mode.
- 6. Q. VIEW**
returns to the previously viewed programme.
- 7. PSM (Picture Status Memory)**
recalls your preferred picture setting.
- 8. TURBO PICTURE/***
Select turbo picture.
- 9. MUTE**
switches the sound On or Off.
- 10. TV/AV**
selects TV or AV mode.
- 11. I/II/* (option)**
selects the language during dual language broadcast. (option)
selects the sound output.
- 12. LIST**
displays the programme table. press LIST key again to clear the LIST table from the screen.
- 13. SLEEP**
sets the sleep timer.
- 14. SSM/* (option) (Sound Status Memory)**
recalls your preferred sound setting.
- 15. ARC/* (option)**
change picture format (Normal/Zoom).
- 16. FAVOURITE**
pressing each time this button will select a stored favourite programme.
- 17. MM/* (option)**
select music mode.

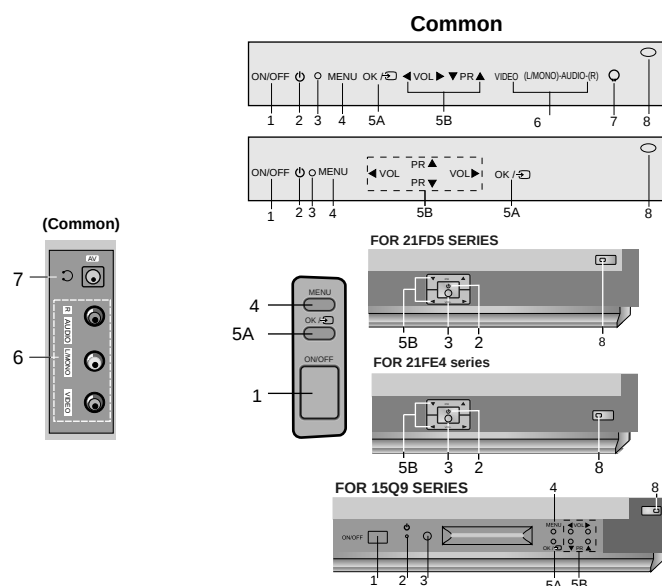
COLOURED BUTTONS : When Menu is On some of these buttons are used for programme edit.

Remarks : 1. Some keys in remote can be non-functional, these keys are used in other models. 2. Keys marked * are non functional.

Location and function of controls

FRONT PANEL / SIDE PANEL (Option)

Shown below is a simplified representation of front or side panel, here shown may be somewhat different from your set.



- 1. MAIN POWER (ON/OFF)**
switches the set On or Off.
 - 2. POWER/STANDBY INDICATOR**
Illuminates brightly when the set is in standby mode dims when the set is switched On
 - 3. REMOTE CONTROL SENSOR**
 - 4. MENU**
selects a menu.
 - 5A. OK / **
It accepts your selection when it is in menu.
Otherwise it selects input (TV or AV)
 - 5B.   (Volume Up/Down)**
adjusts the volume.
adjusts menu settings.
  (Programme Up/Down)
selects a programme or a menu item.
switches On the set from standby.
 - 6. AUDIO/VIDEO IN SOCKETS (AV) (option)**
Connect the audio/video out sockets of external equipment to these sockets.
- Note :** a. If audio input is only L or R select L+L or R+R through **||||*** key on remote control.
b. Avoid giving input at Lout or Rout socket on the back of the set.
- 7. HEADPHONE SOCKET (option)**
Connect the headphone plug to this socket.
 - 8. EYE (option)**
adjusts picture according to the surrounding conditions.

On screen menus

The dialogue between you and your set takes place on screen with an operator menu. The buttons required for the operating steps are also displayed.

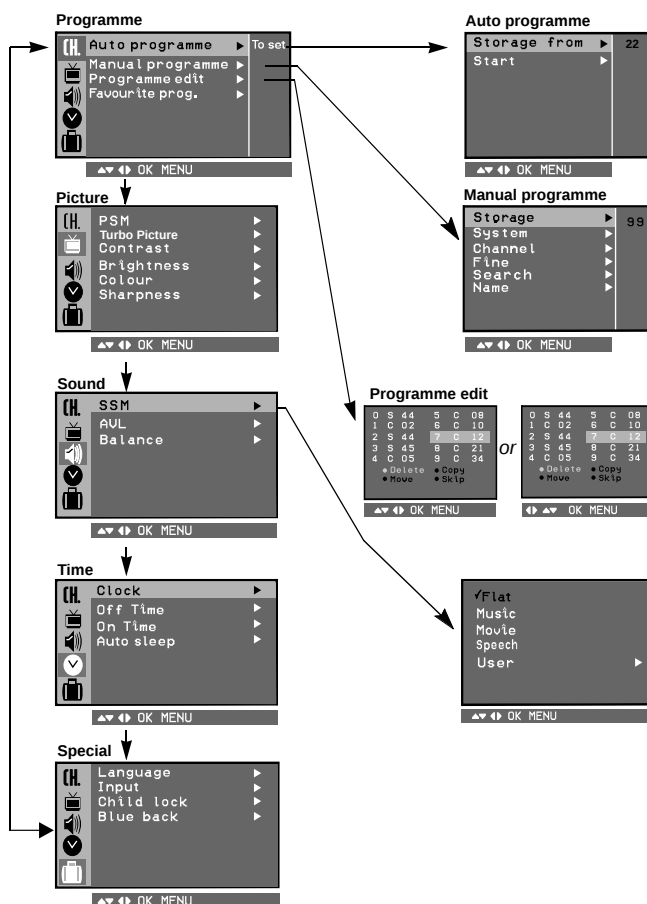
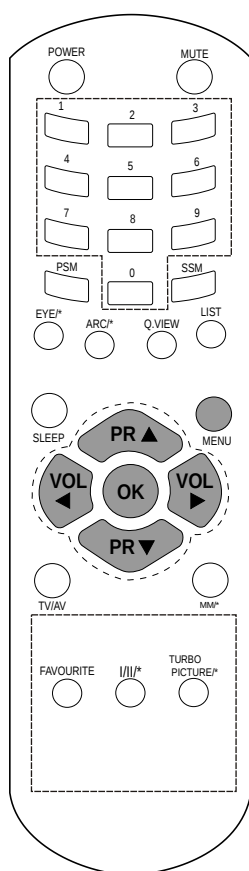
Menu selection

1. Press the **MENU** button and then **▲/▼** button to display each menu.
2. Press the **▶** button and then **▲/▼** button to select a menu item.
3. Press the **▶** button to display the sub menu or the pull-down menu.
4. Change the setting of an item in the sub or pull-down menu with **◀/▶** or **▲/▼**.

You can move to the higher level menu with **OK** button and to move to the lower level menu press the **▶** button.

Note :

- In the AV mode the Programme Menu is not displayed.*
- In mono models the Sound Menu does not appear.*
- In sound menu woofer is optional (In some models)*



Basic operation

On and Off

1. Press the main power button to switch the set On.
2. If the set is in standby mode, press the **POWER**, **▲/▼ TV/AV** or **NUMBER** buttons on the remote control handset to switch it On fully.
3. Press the **POWER** button on the remote control handset. The set reverts to standby mode.
4. Press the main power button again to switch the set Off.

Note : while the set is switched On and mains plug is disconnected, if mains plugged again then set will switch to standby or power On.

Programme selection

You can select a programme number with the **▲/▼** or **NUMBER** Buttons.

Volume adjustment

Press the **◀/▶** button to adjust the volume.

Quick view

Press the **Q.VIEW** button to view the last programme

Mute function

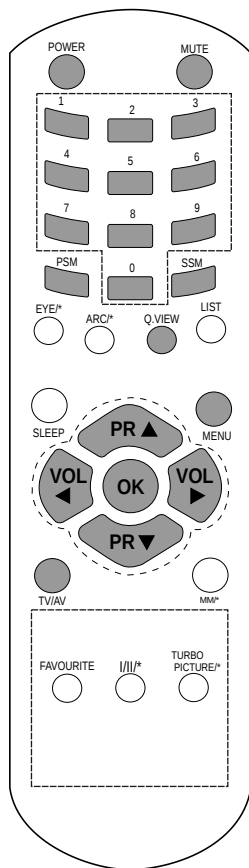
Press the **MUTE** button. The sound is switched Off and the display  appears.

You can cancel it by pressing the **MUTE**, **◀/▶**, **SSM** button.

On screen language selection (option)

The menu can be displayed on the screen in desired language. First select your language.

1. Press the **Menu** button and then **▲/▼** button to select the special menu.
2. Press the **▶** button after selecting language by pressing **▲/▼** button.
3. Press the **▲/▼** button to selects the desired language.
All the On screen display will appear in the selected language.
4. Press the **MENU** button to return to normal TV viewing.



Setting up TV stations



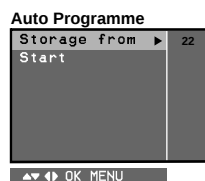
Up to 200 programmes can be stored by programme numbers (0 to 199). Once you have preset the stations you will be able to use the ▲/▼ or NUMBER buttons to scan the stations you programmed. Programmes can be tuned using automatic or manual modes.

Note : In some models up to 100 TV stations can be stored.

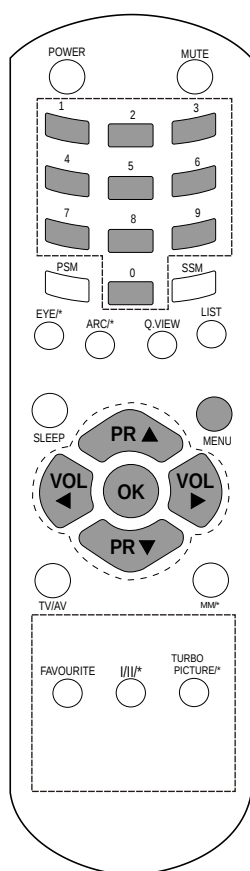
Auto programme tuning

All channels that can be received are stored by this method. It is recommended that you use auto programme during installation of this set.

1. Press the **MENU** button and then ▲/▼ button to select the programme menu
2. Press the ► button and then ▲/▼ button to select **Auto programme**.
3. Press the ► button to display the **Auto programme** menu.



4. Press the ▲/▼ button to select Storage from.
5. Select the beginning programme number with the ◀/▶ button or NUMBER buttons on the Storage from pull-down menu. Any number under 10 is entered with a numeric '00' in front of it, i.e. '005' for 5.
6. Press the ▲/▼ button to select the start.
7. Press the ► button to begin auto programming. All receivable stations are stored. To stop auto programming, press the **MENU** button.
- When auto programming is completed the Programme edit menu appears on the screen. See the 'Programme edit' section to edit the stored programme.
8. Press the **MENU** button to return to normal **TV** viewing.



Setting up TV stations

Programme

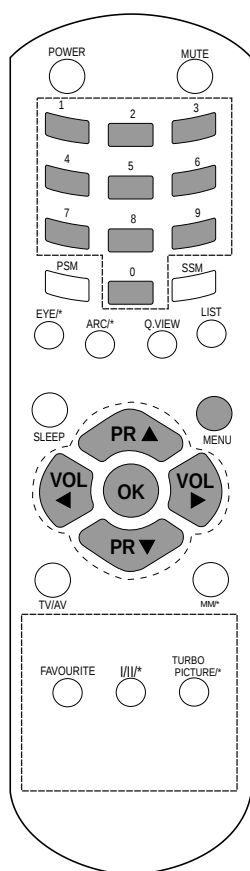


Manual programme tuning

Manual programme offer you to manually tune and arrange the programme in whatever order you desire. Also you can assign a programme name with five characters to each.

1. Press the **MENU** button and select the **Programme** menu.
2. Press the **►** button and then **▲/▼** button to select Manual programme.
3. Press the **►** button to display the Manual programme menu.

Manual programme



4. Press the **▲/▼** button to select Search. Press the **◀/▶** button to commence searching on the Search pull-down menu. If a programme is found the search will stop. Press **OK** button to store the programme. If programme reception is poor go for fine tuning.

5. If this station is the one required, press the **▲/▼** button to select Storage. Select the desired programme number (0 to 199) with the **◀/▶** button or **NUMBER** buttons on the Storage pull-down menu. Any number under 10 is entered with a numeric '00' in front of it, i.e. '005' for 5. Press **OK** button to store the programme.
6. Press the **▲/▼** button to select System. Select a TV system with the **▲/▼** button on the System pull-down menu;
 BG : (India/New Zealand/M.East/Africa/Australia)
 I : (Hong Kong/South Africa)
 DK : (East Europe/China/Africa/CIS)
 M : (USA/Korea/Philippines) (option)
7. Press the **▲/▼** button to select Channel. Press the **▲/▼** button to select V/UHF or Cable on the Channel pull-down menu. If possible, select the channel number 1 to 69 (V/UHF) and 1 to 47 (cable) directly with the number buttons, Any number under 10 is entered with a numeric '0' in front of it i.e. '05' for 5.
8. Press the **OK** button to store it. The display Stored will appear.
9. To store another station, repeat steps 4 & 5.

Setting up TV stations

Programme



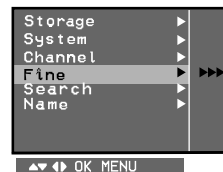
Assigning a programme name

1. Repeat the 'Manual programme tuning' steps 1 to 3.
2. Press the ▲/▼ button to select Name.
3. Press the ▲ button on the Name pull-down menu. You can use a blank, +, -, the numeric 0 to 9 and the alphabet A to Z. With the ▼ button you can select in the opposite direction.
4. Select the next position by pressing the ► button and then take your choice of the second character, then press **OK** button.
5. Repeat the 'Manual programme tuning' steps 5 to 8.
6. Repeatedly press the **MENU** to return to normal TV viewing.

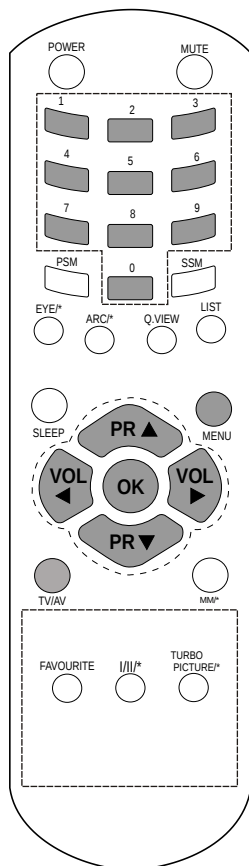
Fine tuning

Normally fine tuning is only necessary if reception is poor.

1. Repeat the 'Manual programme tuning' steps 1 to 3.
2. Press the ▲/▼ button to select Fine.
3. Press the ◀/▶ button to fine tune for the best picture and sound on the Fine pull-down menu, then press **OK** button to store the setting.



4. Press the **MENU** button to return to normal TV viewing.
5. Change of "▶▶▶" from Yellow to red indicates tuning is proper.



Setting up TV stations

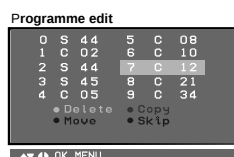
Programme



Programme edit

This function enables you to delete or skip the stored programmes. Also you can move some stations to other programme numbers or insert a blank station data into the selected programme number.

1. Press the **MENU** button and then **▲/▼** button to select the Programme menu.
2. Press the **►** button and then **▲/▼** button to select **programme edit**.
3. Press the **►** button to display the **Programme edit** menu.



Deleting a programme

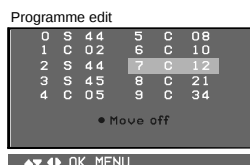
1. Select a programme to be deleted with the **◀/▶** or **▲/▼** button.
2. Press the **RED** button twice.
The selected programme is deleted, all the following programmes are shifted up one position.

Copying a programme

1. Select a programme to be copied with the **◀/▶** or **▲/▼** button.
2. Press the **GREEN** button.
All the following programmes are shifted down one position.

Moving a programme

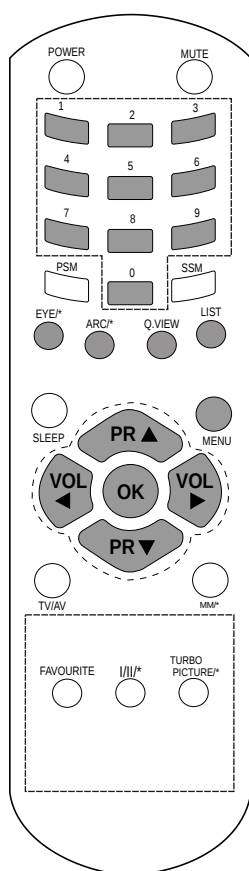
1. Select a programme to be moved with the **◀/▶** or **▲/▼** button.
2. Press the **YELLOW** button.
3. Move the programme to the desired programme number with the **▲/▼** or **◀/▶** button.
4. Press the **YELLOW** button again to release this function.



Skipping a programme number

1. Select a programme number to be skipped with the **▲/▼** or **◀/▶** button.
2. Press the **BLUE** button. The skipped programme turns to blue.
3. Press the **BLUE** button again to release the skipped programme.
When a programme number is skipped it means that you will be unable to select it using the **▲/▼** button during normal TV viewing. If you want to select the skipped programme, directly enter the programme number with the **NUMBER** buttons or select it in the programme edit or table menu. Skipped prog. No. appears **BLUE**.

Repeatedly press the **MENU** to return to normal TV viewing.



Setting up TV stations

Favourite Prog.

This function lets you select your favourite programmes directly.

1. Press the **MENU** button and then **▲/▼** button to select the Programme menu
2. Press the **▶** button and then **▲/▼** button to select **Favourite Prog.**
3. Press the **OK** button to display the **Favourite Prog.** menu.

Programme



4. Press the **▲/▼** button to select **Favourite Prog.**
5. Select a desired programme with the **◀/▶** button or **NUMBER** buttons. Any number under 10 is entered with a numeric '00' in front of it i.e '005' for 5.
6. To store another programme repeat steps 5 to 6. You can store up to 8 programmes.
7. Repeatedly press the **MENU** or **◀** button to return to normal TV viewing.

Repeatedly press the **FAVOURITE KEY** button to select stored favourite programmes.

Calling the programme table

You can check the programmes stored in the memory by displaying the programme table.

Displaying programme table

Press the **LIST** button to display the **Programme table** menu.

The programme table appears on the screen. One programme table contains ten programmes as below.

0	C	10	505	69
1	C	03	17	
2	C	03	22	
3	C	03	09	
4	C	03	11	

Note :

- a. You may find some blue programmes. They have been set up to be skipped by auto programming or in the programme edit mode.
- b. Some programmes with the channel number shown in the programme table indicate there is no station name assigned.

Selecting a programme in the programme table

Select a programme with the **▲ / ▼** or **◀ / ▶** button.

Then press the **OK** button.

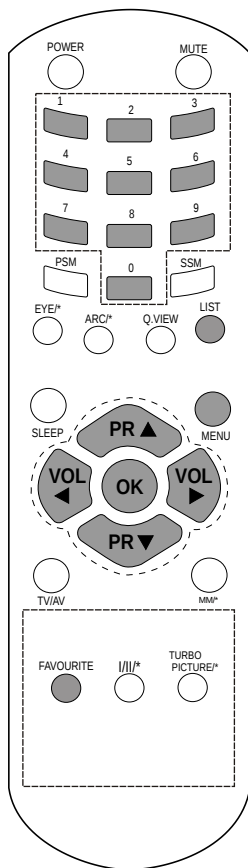
The set switches to the chosen programme number.

Paging through a programme table

There are 10 (or 20) programme table pages which contain 100 (or 200) programmes.

Pressing the **▲ / ▼** or **◀ / ▶** button repeatedly turns the pages.

Press the **LIST** button to return to normal TV viewing.



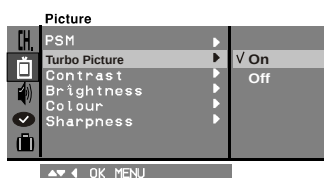
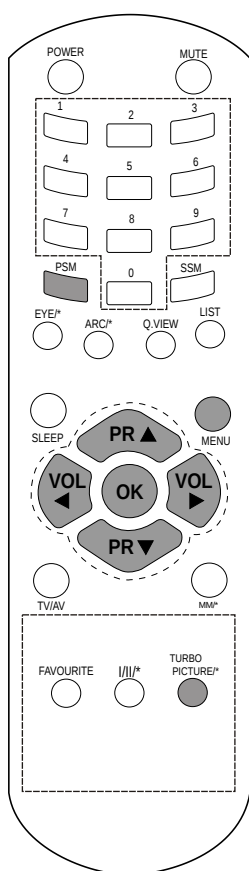
Picture adjustment

PSM (Picture Status Memory)

1. Press the PSM button on the remote to change for desired PSM setting.

Note: PSM status change to user automatically when contrast, brightness, colour and sharpness set manually.

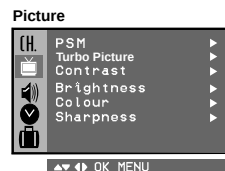
You can also recall a desired picture (Dynamic, Standard, Mild Game, or User) with **PSM** button on the remote control. The picture Dynamic, Standard, Mild and Game are programmed for good picture reproduction at the factory and cannot be changed.



Picture adjustment

You can adjust picture contrast, brightness, colour intensity and sharpness to the levels you prefer.

1. Press the **MENU** button and then **▲/▼** button to select the Picture menu.
2. Press the **▶** button and then **▲/▼** button to select Contrast, Brightness, Colour or Sharpness.



3. Press the **◀/▶** button to make appropriate adjustments on each sub menu.



You can also select User or standard PSM setting by directly pressing PSM button.

4. Press the **OK** button to store it for the picture User.
5. Press the **MENU** button to return to normal TV viewing.

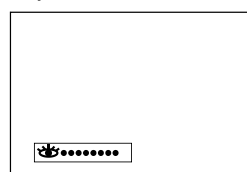
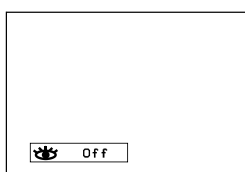
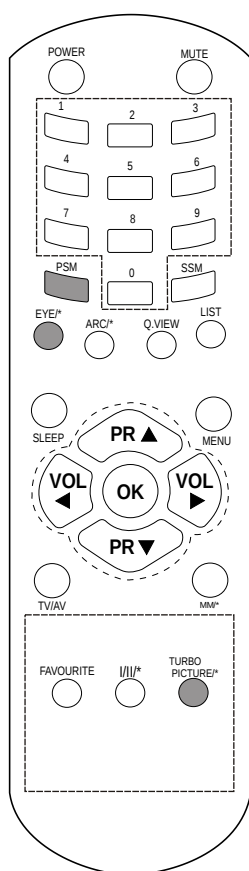
Picture adjustment

Eye (option)

Eye is an optional function. Only a set with eye option can perform this function.

In some models, the set will automatically adjust the picture according to the surrounding conditions. This will enable you to enjoy the most suitable picture according to the surroundings.

Press the **EYE/★** button to switch the eye function on or off.



When the eye function is on, the most suitable picture is automatically adjusted according to the surrounding conditions.

At this time the display in green does not appear continuously but the display in yellow appears each time the picture condition changes.

Note :

- If you press the **PSM** or **TURBO PICTURE** button with the eye function, the eye function is automatically switched off.
- EYE** function is not available for RGB input source.

Turbo picture selection (option)

When this function is on, the picture will be more brilliant and distinct than normal picture.

Repeatedly press the **TURBO PICTURE** button to switch on or off.

Turbo Picture Off

Turbo Picture On

Note :

- TURBO PICTURE** function is not available for RGB input source.

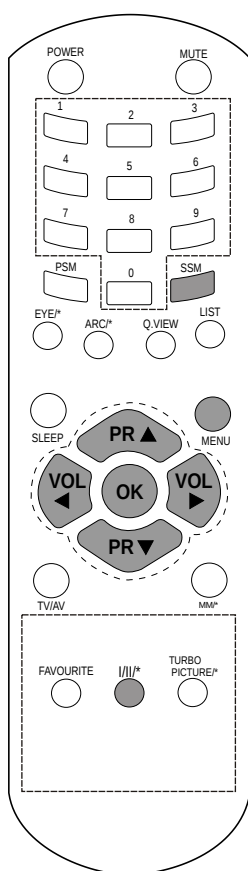
Sound adjustment (option)

SSM (Sound Status Memory)

You can select your preferred sound setting; Flat, Music, Movie and you can also adjust the sound frequency of equalizer by pressing SSM button.

Sound frequency adjustment (Equalizer)

- After selecting the SSM go to user and press ► button to display the equalizer.
- Press the SSM button to select the different sound mode.
- User can manually select desired frequency by pressing ◀/▶ Button and set it to the desired level by pressing ▲/▼.
- Press the **OK** button to save it.



◀ ▶ OK MENU

Press the **MENU** button to return to normal TV viewing. You can also recall a desired sound (Flat, Music, Movie, Speech or User) with **SSM** button on the remote control. The sound Flat, Music and Movie are programmed for good sound reproduction at the factory and cannot be changed.

Balance adjustment

You can adjust balance.

- Press the **MENU** button to select the Sound menu.
- Press the ► button and then ▲/▼ button to select Balance.
- Make desired adjustment with the ◀/▶ on the Balance pull-down menu.
- Press the **MENU** button to return to normal TV viewing.

Sound output selection

In AV mode, you can select output sound for the left and right loudspeakers. Repeatedly press the **I/II/III*** button to select the sound output.

L+R: Audio signal from audio L input is sent to left loud-speaker and audio signal from audio R input is sent to right loudspeaker.

L+L: Audio signal from audio L input is sent to left and right loudspeakers.

R+R: Audio signal from audio R input is sent to left and right loudspeakers.

Other functions



Blue back

If you select On in the Blue back pull-down menu, the blue background appears on the screen when there is no signal or poor signal.

1. Press the **MENU** button and then **▲/▼** button to select the Special menu.
2. Press the **►** button and then **▲/▼** button to select Blueback.
3. Press the **▲/▼** button to select On or Off on the Blue back pull-down menu.
4. Press the **MENU** button to return to normal TV viewing.

Note : a. The blue background automatically appears on the screen when there is no signal in TV mode.
b. If any OSD appears on screen, blue back will go Off.

AVL (Auto Volume Leveler)

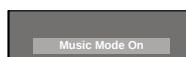
If you select AVL On, the set automatically keeps On an equal volume level even if you change programmes.

1. Press the **MENU** button and then **▲/▼** button to select the Special menu.
2. Press the **►** button and then **▲/▼** button to select AVL.
3. Press the **▲/▼** button to select On or Off on the AVL. Pull-down menu.
4. Press the **MENU** button to return to normal TV viewing.

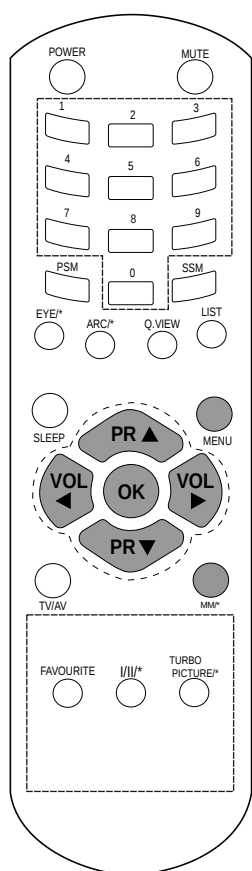
Music Mode (option)

You can hear music while the TV screen is Off using the function.

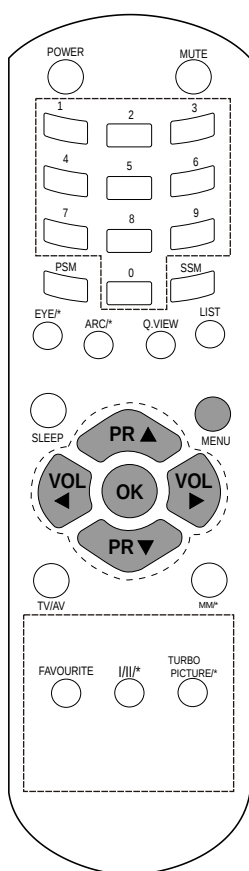
1. Press the **MM/*** button to start the music mode.
2. Press any key to exit from Music Mode except vol. keys.



3. Volume level can be changed (Vol+/Vol-) in music mode.



Other functions



Time functions

The time uses 24 hrs. system and must be set to the correct time before operating the set.

1. Press **MENU** to select special menu .
2. **◀/▶** and **▲/▼** key select time function.
3. After selecting 'Time Function' press **▶** key to enter 'Time'.
4. Set Time using **◀/▶** and **▲/▼** keys.
5. Press **OK** to store.
6. Press **MENU** to return to normal TV viewing.

Note :

- a. In the event of power interruption, time must be reset.
- b. Time resets if mains is unplugged.
- c. Timer accuracy is ± 15 sec.

On/Off Time

By using this function in **On** mode the set automatically switches On or Off at a preset time. You must set the time correctly before using **On/Off** time function.

Off Time

1. Press the **MENU** button and then **▲/▼** , **▲/▼** button to select the Time menu.
2. Press the **▶** button and then **▲/▼** button to select **Off Time**.
3. Press **OK**
4. Press the **◀/▶** button to select **Off Time On** or **Off**.
5. Press the **▼** button.
6. Select and adjust hour and minute by pressing the **◀/▶**, **▲/▼** button.
7. Repeatedly press the **MENU** or **◀** button to return to normal viewing.

On Time

1. Press the **MENU** button and then **▲/▼** button to select the Time menu.
2. Press the **▶** button and then **▲/▼** button to select **On Time**.
3. Press **OK**
4. Press the **◀/▶** button to select **On Time On** or **Off**
5. Press the **▼** button.
6. Select and adjust hour and minute by pressing the **◀/▶** , **▲/▼** button.

Auto sleep

If you select **Auto Sleep On** the set will automatically switch itself to standby mode approximately ten minutes after a TV station stops Broadcasting.

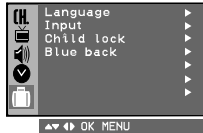
1. Press the **MENU** button and then **▲/▼** button. to select the Time menu.
2. Press the **▶** button and then **▲/▼** button to select Auto Sleep.
3. Press the **◀/▶** button to select **On**.
4. Repeatedly press the **MENU** or **◀** button to return to normal TV viewing.

Note :

- a. This function works only in standby mode.
- b. To cancel the set On/Off time, set the On/Off timer to --:--.
- c. To view the remaining On/Off time select the Time menu.
- d. When you switch the main power Off, the Time is reset and the On/Off time is Off.
- e. Timer accuracy is ± 15 sec.

Other functions

Special



Sleep timer

You don't have to remember to switch the set Off before you go to sleep. The sleep timer automatically switches the set to standby after the preset time elapses.

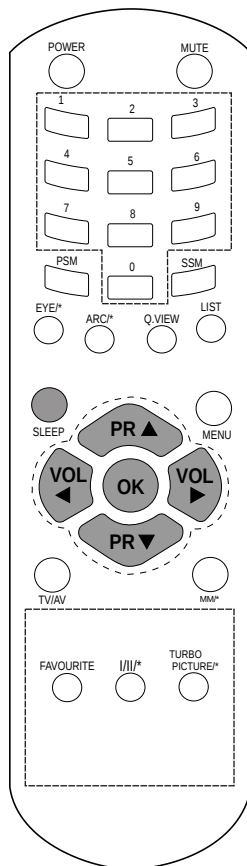
Press the **SLEEP** button to select the number of minutes. The display ϕ --:-- will appear on the screen, followed by 00:10, 00:20, 00:30, 01:00, 01:30, 02:00, 03:00 and 04:00. The timer begins to count down from the number of minutes selected.

Time



Note :

- To view the remaining sleep time, press the **SLEEP** button once.
- To cancel the sleep time repeatedly press the **SLEEP** button until the display ϕ --:-- appears.
- When you switch the set off, the set releases the preset sleep time.



Other functions

Special



On screen language selection (option)

The menu can be displayed on the screen in desired language. First select your language.

1. Press the **MENU** button and then **▲/▼** button to select the Special menu.
2. Press the **►** button and then the **▲/▼** button to select language
3. Press OK button.
All the On screen displayed will appear in the selected language.
4. Repeatedly press the **MENU** or **◀** Button to return normal TV viewing.

TV and AV modes (option)

Input can be set to TV or AV mode. AV mode is used when a videocassette recorder (VCR), or other equipment connected to the set.

Note: When a VCR is connected via the aerial socket; the set is used in TV mode. See the connection of external equipment' section.

1. Press the menu button and then **▲/▼** button to select the special menu.
2. Press the **►** button and then **▲/▼** button to select **Input**.
3. Press the **◀/►** button select **TV, AV1, AV2** (option).

Note: Avoid giving input at Lout or Rout socket on the back of the set.

To return TV mode, press the **▲/▼** or **NUMBER** button.

Alternatively you can select th TV or AV mode by pressing the **TV/AV** button

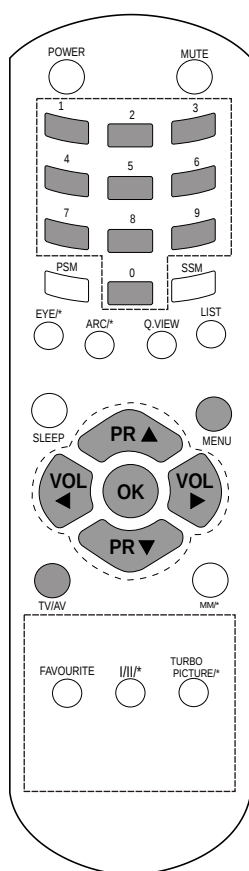
Child lock

The can be set so that the remote control handset is needed to control. This feature can be used prevent unauthorized viewing.

1. Press the MENU button and the **▲/▼** button to select the special menu.
2. Press the **►** button and then **▲/▼** button to select the child lock.
3. Press the **◀/►** button on the remote control handset to select **On**.
4. Repeatedly press the MENU or **◀** button to return to normal TV viewing.

With the lock On, the display Child Lock On appears on the screen if any button on the front panel is pressed while viewing the TV.

Note: The display Child Lock On will not appear on the screen if any button on the front panel is pressed while displaying the menus.



Connection of external equipment

You can connect additional equipment, such as VCRs, camcorders etc. to your set.
Here shown may be somewhat different from your set.

Aerial socket

1. Connect the RF out socket of the VCR to the aerial socket on the back of the set.
2. Connect the aerial cable to the RF aerial in socket of the VCR.
3. Store the VCR channel on a desired programme number using the 'Manual programme tuning' section.
4. Select the programme number where the VCR channel is stored.
5. Press the PLAY button on the VCR.

Audio Video in/out sockets (option)

1. Connect the audio/video out sockets of the VCR to audio/video in sockets of the set and in sockets of the VCR to out sockets of the set.
2. If the VCR is connected to the AV sockets on the set, press the **TV/AV** button to select AV.
3. Press the PLAY button on the VCR. The VCR playback picture appears on the screen.
You can also record programmes received by the TV on video tape via audio/video out sockets.

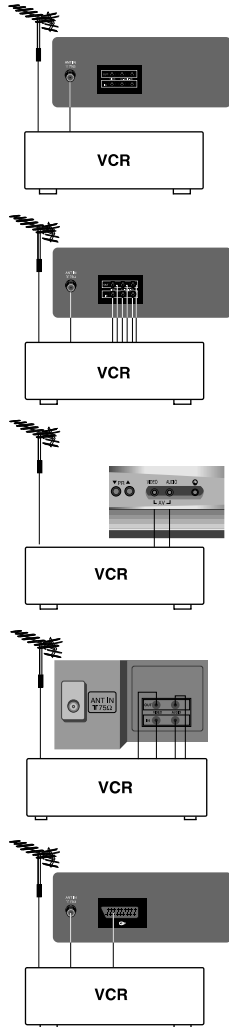
Note: a. If audio input is only L or R select L+L or R+R through **||||/*** key on remote control.

b. If you have a mono VCR, connect the audio cable from the VCR to the AUDIO (L/MONO) socket on the back of the set.

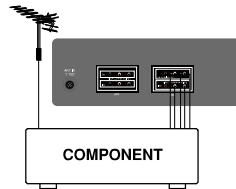
Euro scart socket (option)

1. Connect the Euro scart socket of the VCR to the Euro scart socket of the set.
2. Press the PLAY button on the VCR.

If your VCR outputs a switching voltage connect to Euro scart socket, the set will switch to AV mode automatically. But if you want to keep on watching TV mode, press the **▲/▼** or **NUMBER** buttons. Otherwise press the **TV/AV** button on the remote control handset to select AV. The VCR playback picture appears on the screen. You can also record programmes received by the TV on video tape.

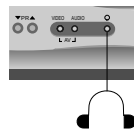


Connection of external equipment



Component in sockets (option)

1. Connect the COMPONENT video output sockets (Y Cb Cr, Y Pb Pr or Y B-YR-Y) of the COMPONENT (480i) to the COMPONENT INPUT sockets (Y PB PR) on the set.
2. Connect the audio cable from the COMPONENT to AUDIO sockets of COMPONENT INPUT.
3. Press the **TV/AV** button to select COMPONENT.
4. Press the **PLAY** button on the COMPONENT.
THE COMPONENT playback picture appears on the screen.



Headphone socket (option)

In some models which have a headphone socket can perform this function.

Insert the headphone plug to the headphone socket of the set. You can listen to the sound through the headphone. To adjust the headphone volume, press the ◀▶ button.

If you press the **MUTE** button the sound from the headphone and TV's speakers are switched Off.

Troubleshooting check list

Symptoms

No picture, no sound

Sound OK, poor picture

Picture OK, poor sound

Picture blurred

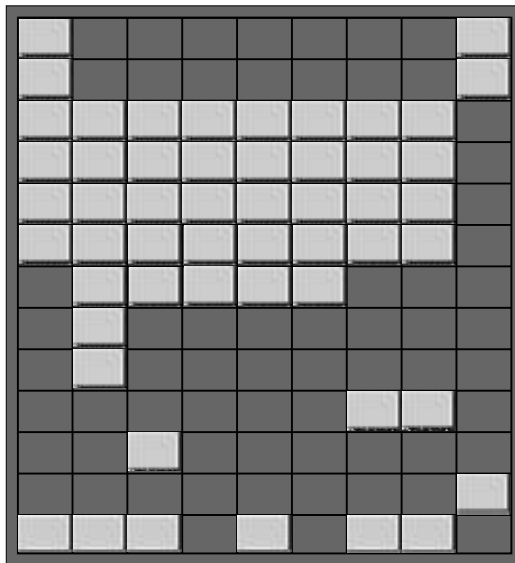
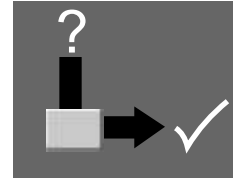
Lines or streaks in picture

Poor reception on some channels

No colour

Poor colour

Remote control does not work



Check following items and try to adjust these

The mains plug-(plugged in and switched On)

Is the TV switched On

Try another channel (weak signal)

Check aerial (plugged into TV?)

Check aerial (broken lead?)

Check aerial

Check for local interference

Adjust contrast

Adjust brightness

Adjust colour

Adjust volume

Check the batteries in remote control

Check Audio/Video sockets (VCR only)

NOTE :

- i) Colour patch might appear in your TV set if you rotate or shift the position of the set while it is On or in standby mode. If patch appears in your TV set try the following before calling your service centre or dealer. Place the TV set in desired position and switch it Off by the main power switch. Allow the set to cool down for at least 30 minutes and then switch it On. The degaussing circuit (inbuilt) in your set will remove the patch automatically. Please call service only in case this operation does not help.
- ii) In case of no sound on all channels, check for system. It should be 'BG' for India. In case of some other system select 'BG' and do Auto Programming.

