



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 : 388-00000-2Q (MC74A, 007D/U, 020U, 029F TX)

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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.

Warning

To prevent fire or shock hazard, do not expose the set to rain or moisture.

Service

Never remove the back cover of the set as this can expose you to very high voltage and other hazards. If the set does not operate properly, unplug it and call your dealer.

Aerial

Connect the aerial cable to the socket marked A on the back cover. For the best reception an outdoor aerial should be used.

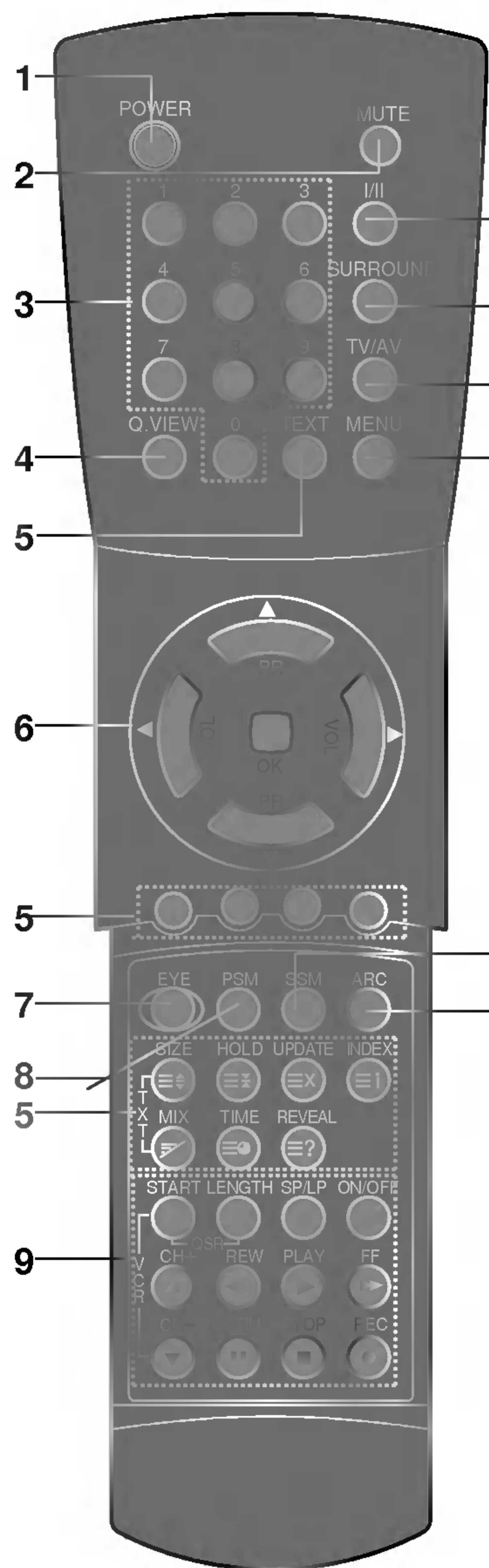
Location

Position your set so that no bright light or sunlight falls directly onto the screen. Care should be taken not to expose the set to any unnecessary vibration, moisture, dust or heat. Also ensure that the set is placed in a position to allow a free flow of air. Do not cover the ventilation openings on the back cover.

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 next page.



(With TELETEXT)

- 1. POWER**
switches the set on from standby or off to standby.
- 2. MUTE**
switches the sound on or off.
- 3. NUMBER BUTTONS**
switch the set on from standby or directly select a number.
- 4. Q.VIEW**
returns to the previously viewed programme.
- 5. TELETEXT BUTTONS (option)**
These buttons are used for teletext.
For further details, see the 'Teletext' section.
- 6. \uparrow/\downarrow (Programme Up/Down)**
switches the set on from standby.
selects a programme or a menu item.
- 7. \ominus/\oplus (Volume Down/Up)**
adjusts the volume.
adjusts menu settings.
- OK**
accepts your selection or displays the current mode.
- 8. EYE (option)**
switches the Eye function on or off.
- ***
No function.
- 9. VCR BUTTONS (option)**
control a LG video cassette recorder.
- 10. I/II**
- 11. SURROUND**
- 12. TV/AV**
- 13. Q.VIEW, 0, TEXT, MENU**
- 14. EYE, PSM, SGM, ARC**
- 15. SIZE, HOLD, UPDATE, INDEX, MIX, TIME, REVEAL, START, LENGTH, SP/LP, ON/OFF, CH, REW, PLAY, FF, C, PAUSE, STOP, REC**

Location and function of controls

10. I/II
selects the language during dual language broadcast.
selects mono sound during stereo broadcast.

11. SURROUND
creates the spatial or pseudo stereo sound effect.

12. TV/AV
selects TV or AV mode.
clears the menu from the screen.

13. MENU
selects a menu.

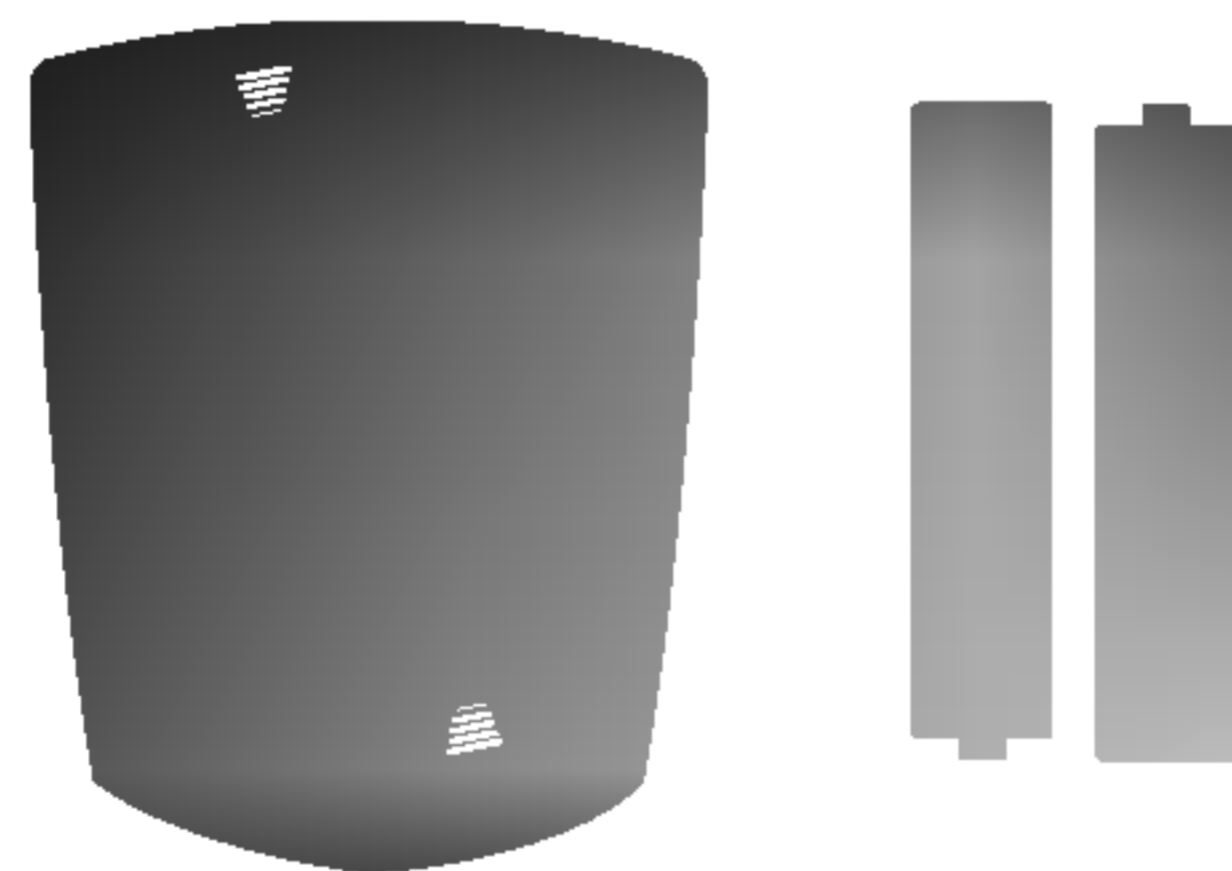
14. SSM (Sound Status Memory)
recalls your preferred sound setting.

15. ARC (Aspect Ratio Control)
changes the picture format.

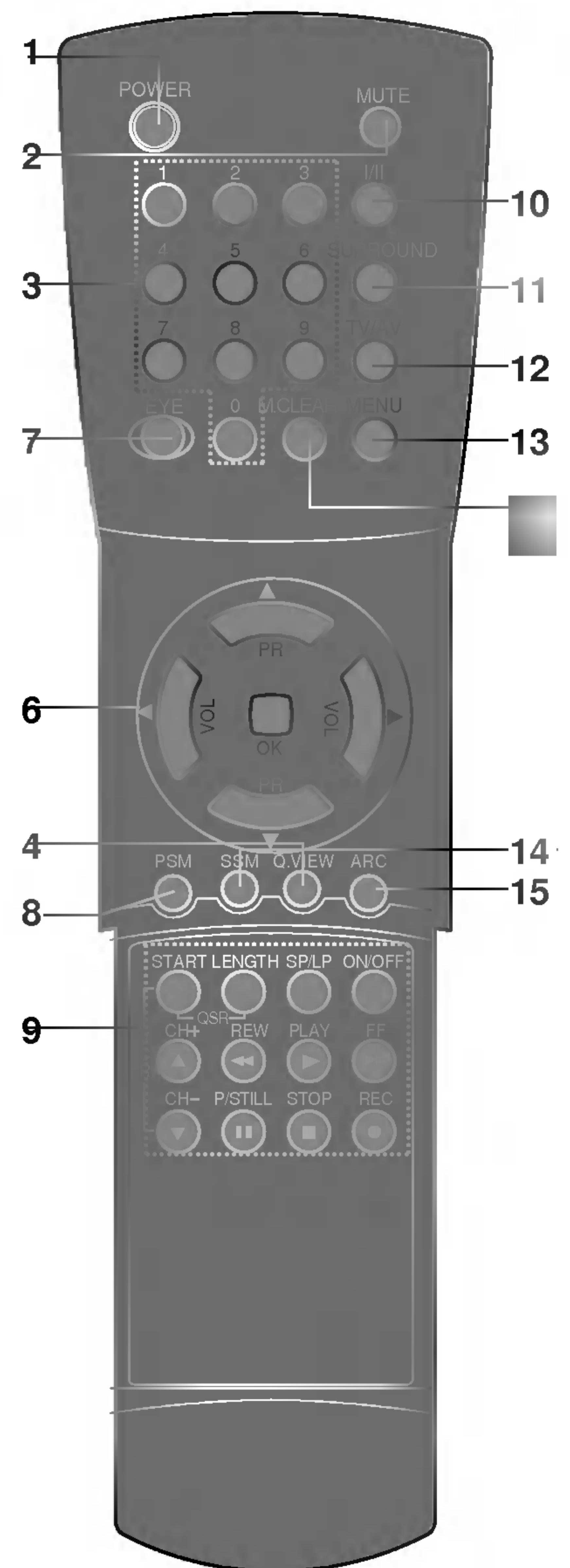
16. M.CLEAR (Menu Clear)
clears the menu from the screen.

Battery installation

The remote control handset is powered by two AA type batteries. To load the batteries, turn the handset over and slide 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.

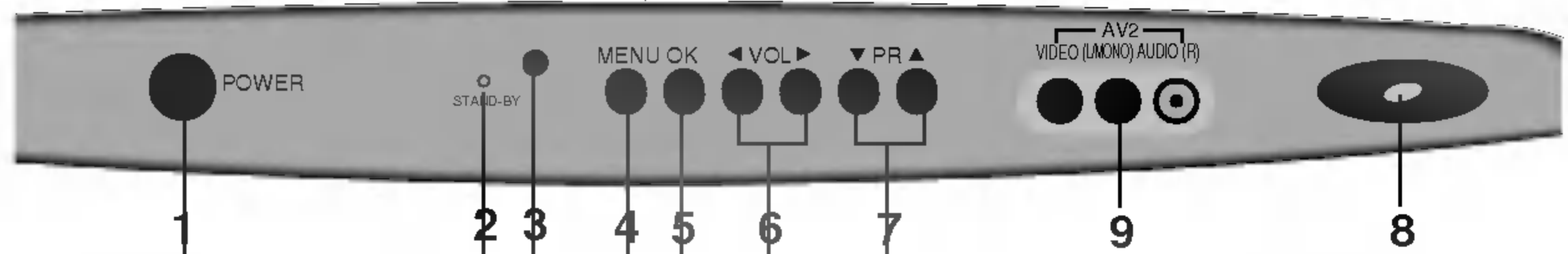


(Without TELETEXT)

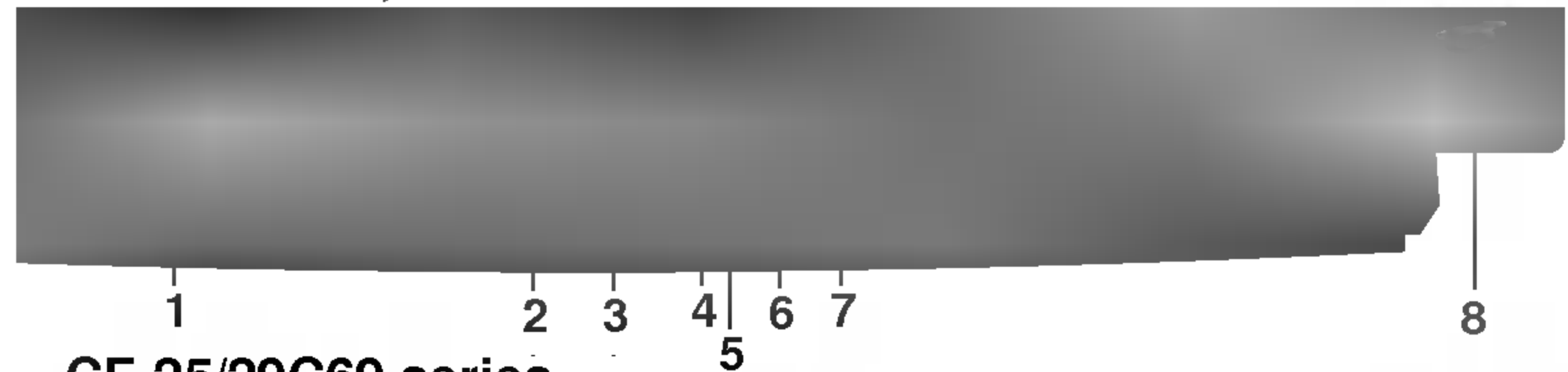
Location and function of controls

Front panel

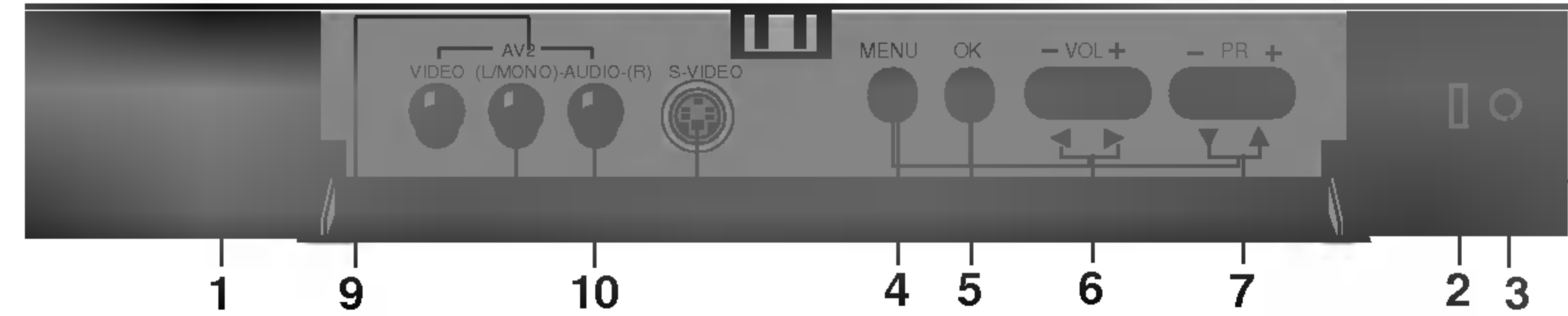
• CF-25/29H30, CF-25/29H31 series



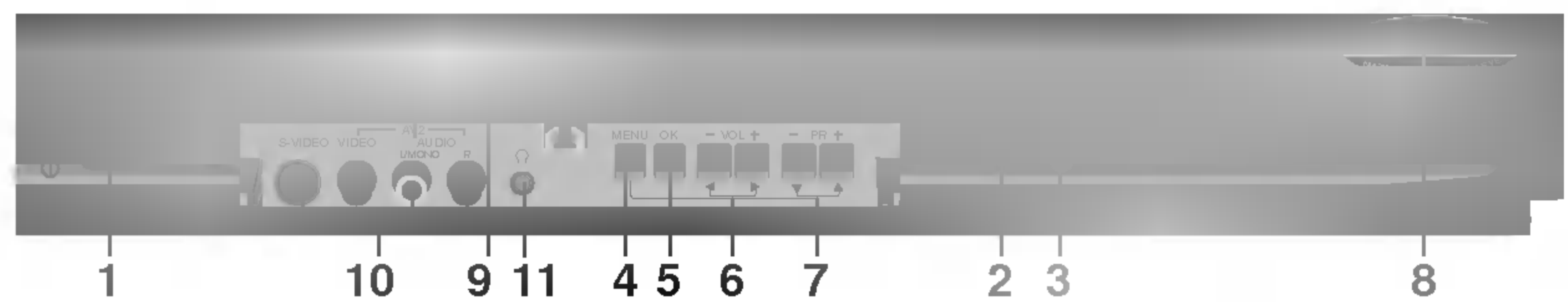
• CF-25/29H40, CF-25/29H41 series



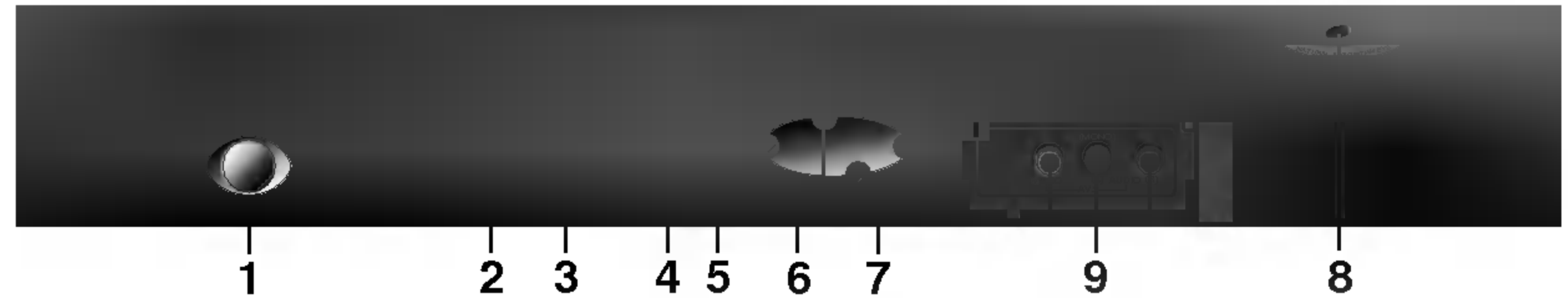
• CF-25/29C69 series



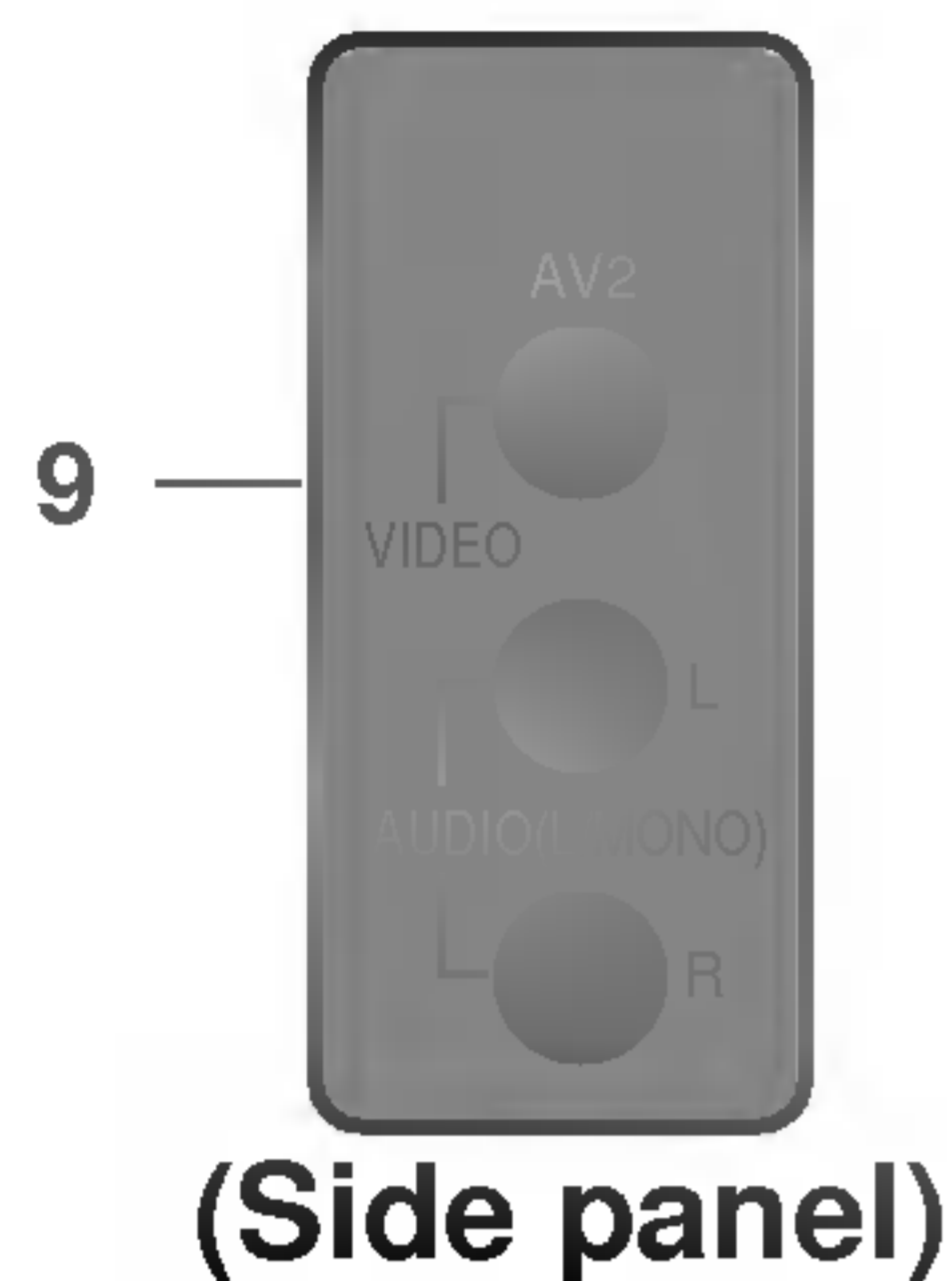
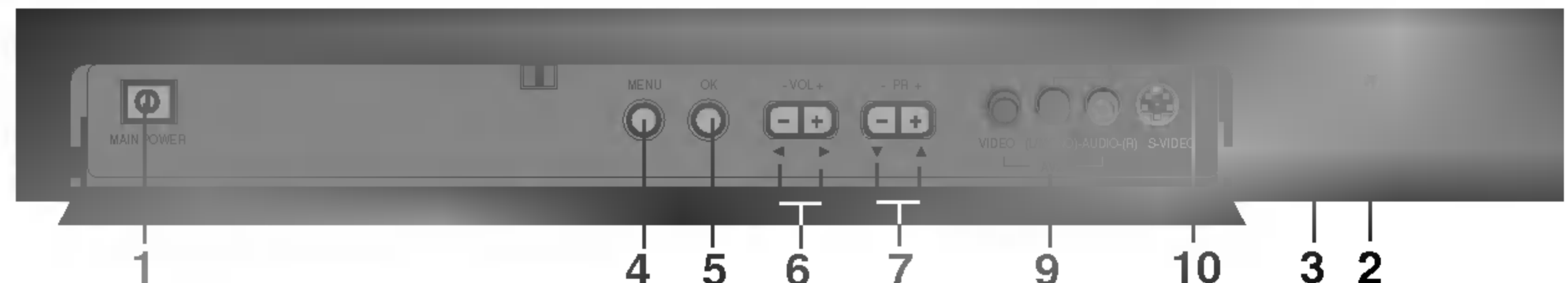
• CF-29H70 series



• CF-29K40 series



• CF-25C19 series



1. **MAIN POWER**
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.
5. **OK**
accepts your selection or displays the current mode.
6. **VOLUME UP/DOWN**
adjusts the volume.
7. **PROGRAMME UP/DOWN**
adjusts menu settings.
switches the set on from standby.
selects a programme or a menu item.
8. **NATURAL ALGORITHM EYE (option)**
adjusts picture according to the surrounding conditions.
Note : Natural algorithm eye is an optional function. Only a set with the Natural algorithm eye option can perform this function.
9. **AUDIO/VIDEO IN SOCKETS (AV2)**
Connect the audio/video out sockets of external equipment to these sockets.
10. **S-VIDEO/AUDIO IN SOCKETS (S-AV) (option)**
Connect the video out socket of a S-VIDEO VCR to the **S-VIDEO** socket. Connect the audio out sockets of the S-VIDEO VCR to the audio sockets as in AV2.
11. **HEADPHONE SOCKET (option)**
Connect the headphone plug to this socket.

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**, $\bar{\text{I}}/\bar{\text{II}}$ 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 on the set again. It switches the set off and the power/standby indicator goes out in a few seconds.

Note : If, while the set is switched on, the mains plug is disconnected the set will switch to standby or power on when the mains plug is replaced in the mains power socket.

Programme selection

You can select a programme number with the $\bar{\text{I}}/\bar{\text{II}}$ or **NUMBER** buttons.

Volume adjustment

Press the ϕ , ϕ° button to adjust the volume.

Mute function

Press the **MUTE** button. The sound is switched off and the display ~~X~~ appears. You can cancel it by pressing the **MUTE**, ϕ , ϕ° , **SSM**, $\bar{\text{I}}/\bar{\text{II}}$ or **SURROUND** button.

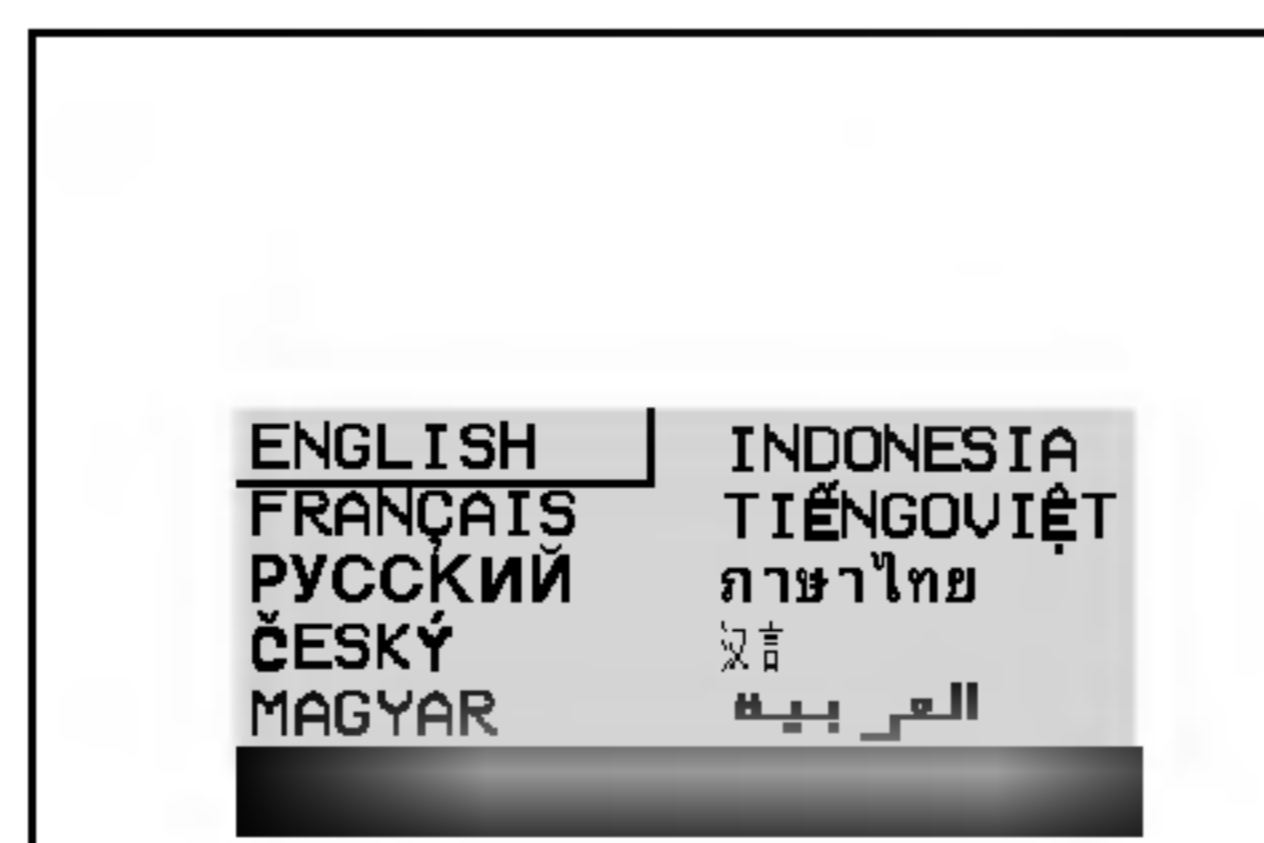
Quick view

Press the **Q.VIEW** button to view the last programme you were watching.

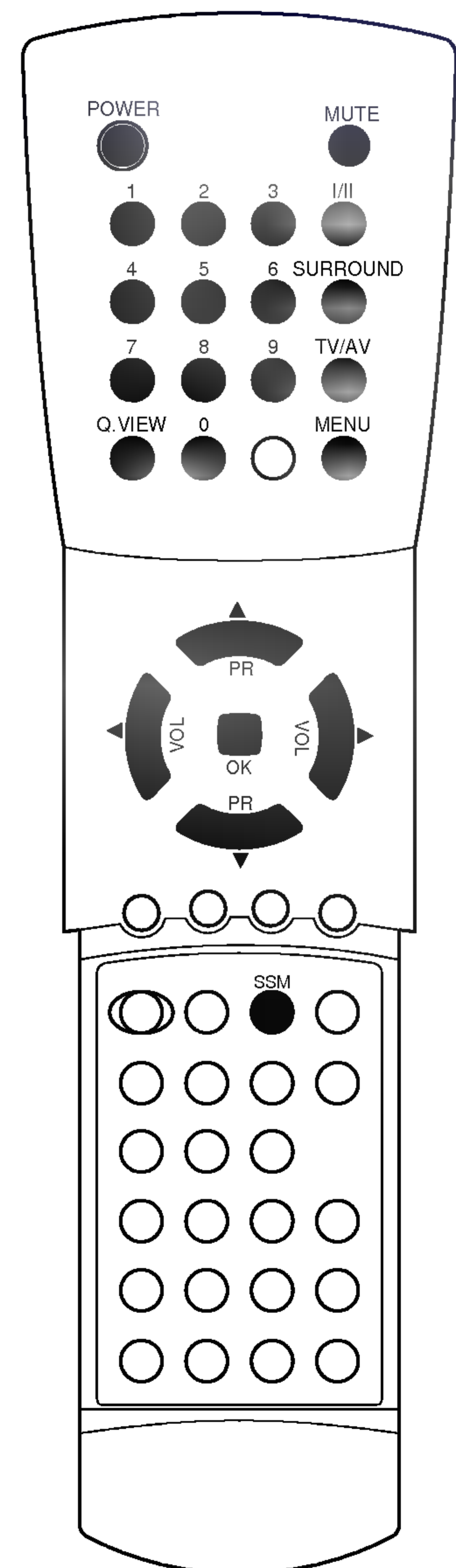
On screen language selection (option)

This is optional function. The menu can be displayed on the screen in the desired language. First select your language.

1. Press the **MENU** button to display the Station menu.
2. Press the $\bar{\text{I}}/\bar{\text{II}}$ button to select **LANGUAGE**.
3. Press the **OK** button to display the sub menu.



4. Press the $\bar{\text{I}}/\bar{\text{II}}$ or ϕ , ϕ° button to select the desired language.
5. Press the **OK** button. All the on screen displays will appear in the selected language.
6. Press the **TV/AV** button to return to normal TV viewing.




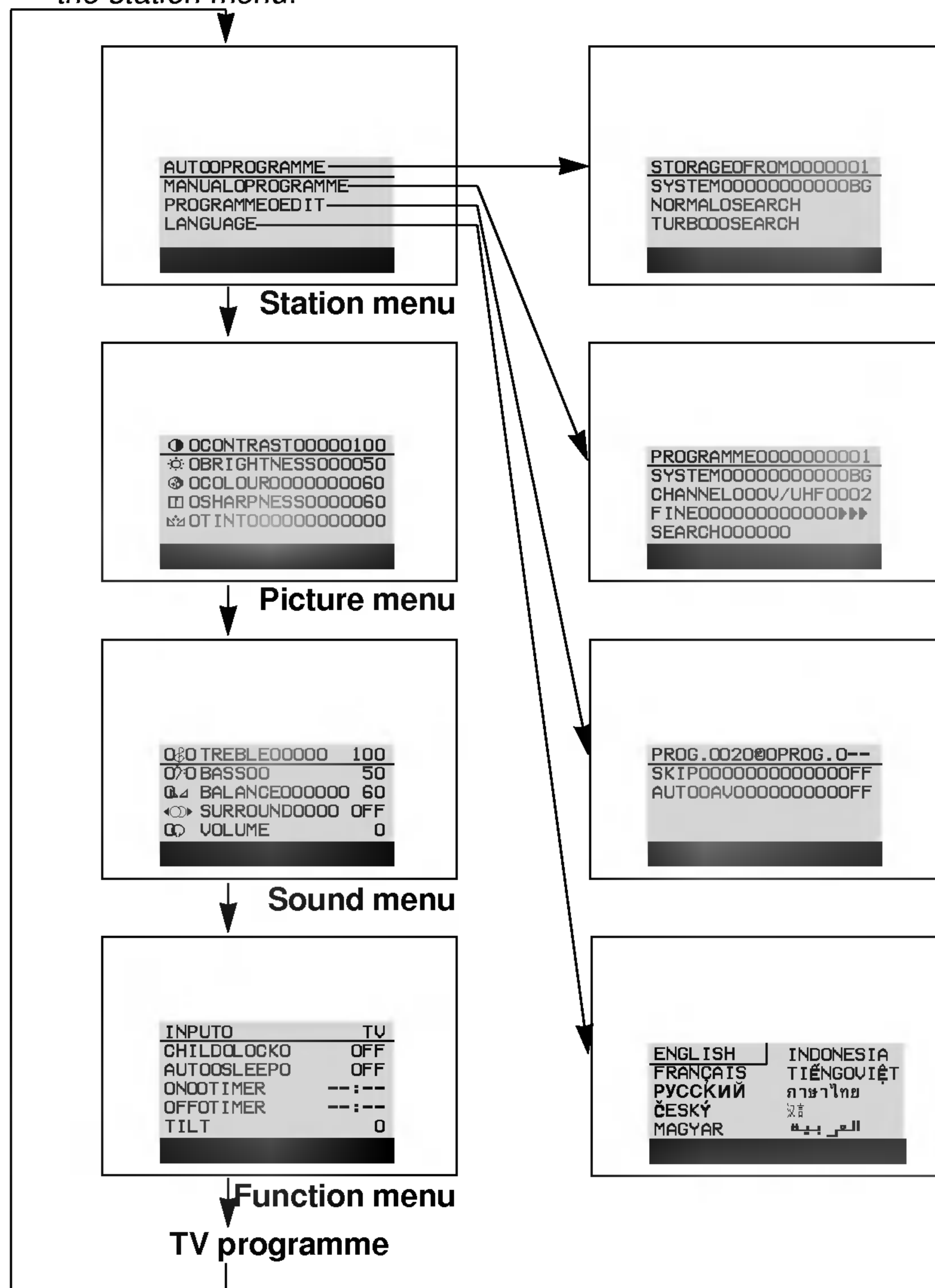
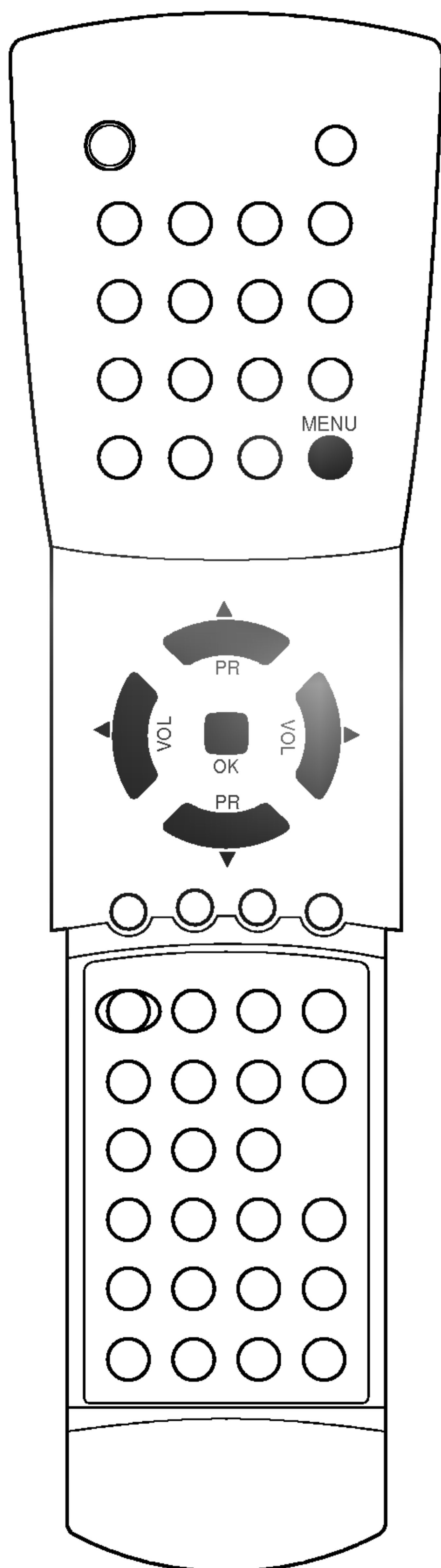
The dialogue between you and your set takes place on screen with an operator menu. The buttons required for the operating steps are also displayed.

Menu selection

1. Press the **MENU** button to display each menu.
2. Press the \uparrow/\downarrow button to select a menu item.
The selected menu item changes from green to purple.
3. Press the \leftarrow/\rightarrow button to change the setting of a menu item or **OK** button to display the sub menu.

Note :

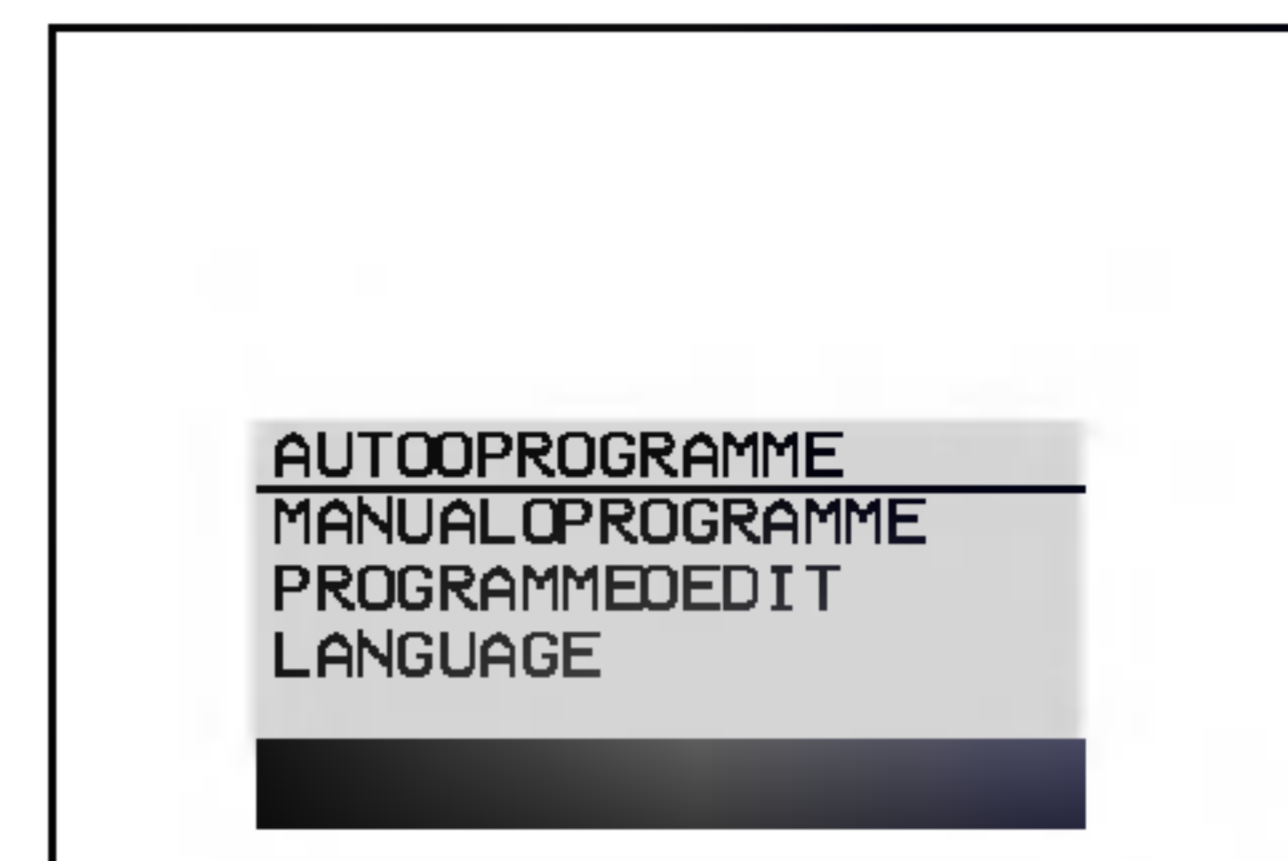
- a. The menus automatically disappear in about 1 minute if you do not press a button.
- b. In the AV mode, Station menu is not displayed.
- c. In the teletext mode, menus are not displayed.
- d. In the Picture menu, the display  appears at the bottom of the menu if the eye function is on.
- e. In some models, the menu item **LANGUAGE** is displayed on the station menu.



Setting up TV stations

Up to 100 TV stations can be stored in this set by programme numbers (00 to 99). Once you have preset the stations, you will be able to use the $\bar{\text{I}}$ or NUMBER buttons to scan the stations you programmed.

Stations can be tuned using automatic or manual modes.

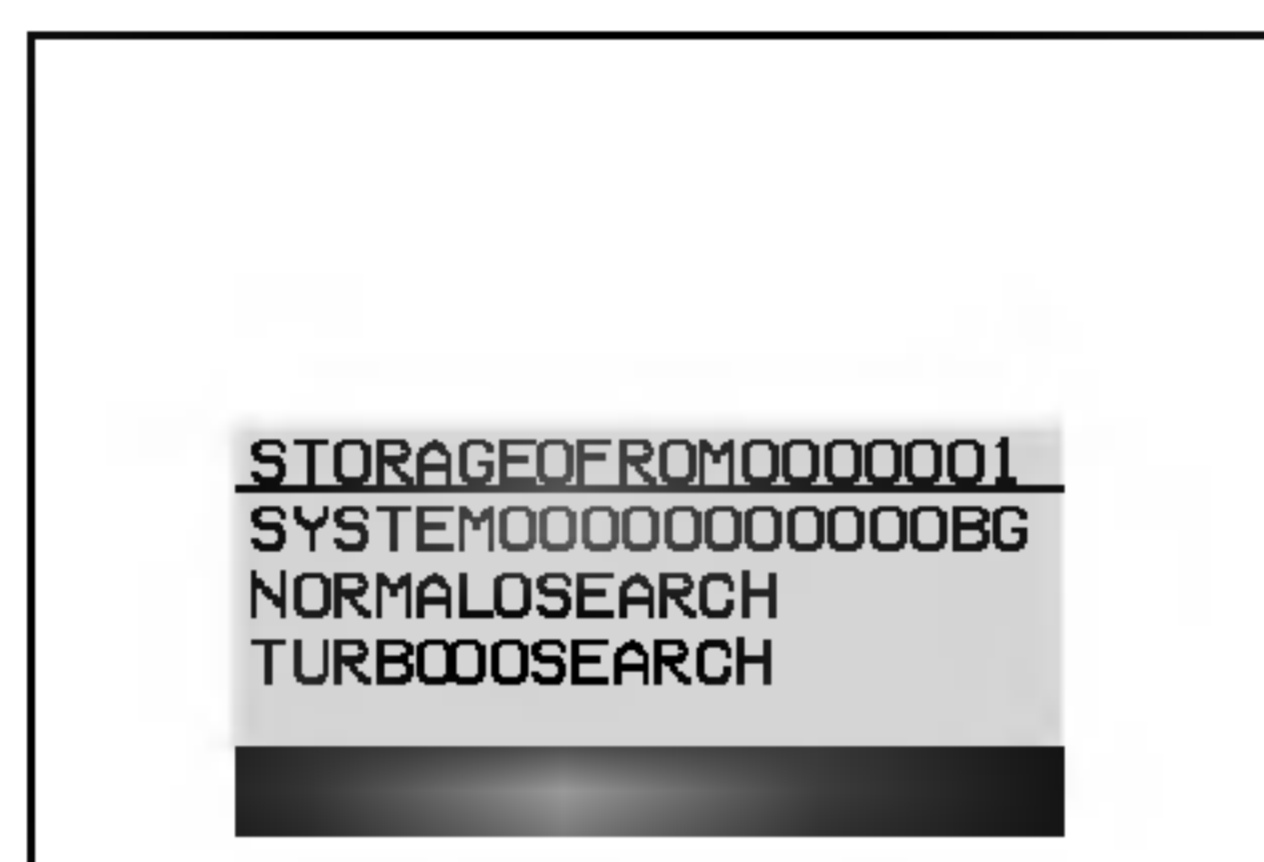


Station menu

Auto programme tuning

All stations 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 to display the Station menu.
2. Press the $\bar{\text{I}}$ button to select **AUTO PROGRAMME**.
3. Press the **OK** button to display the **AUTO PROGRAMME** menu.

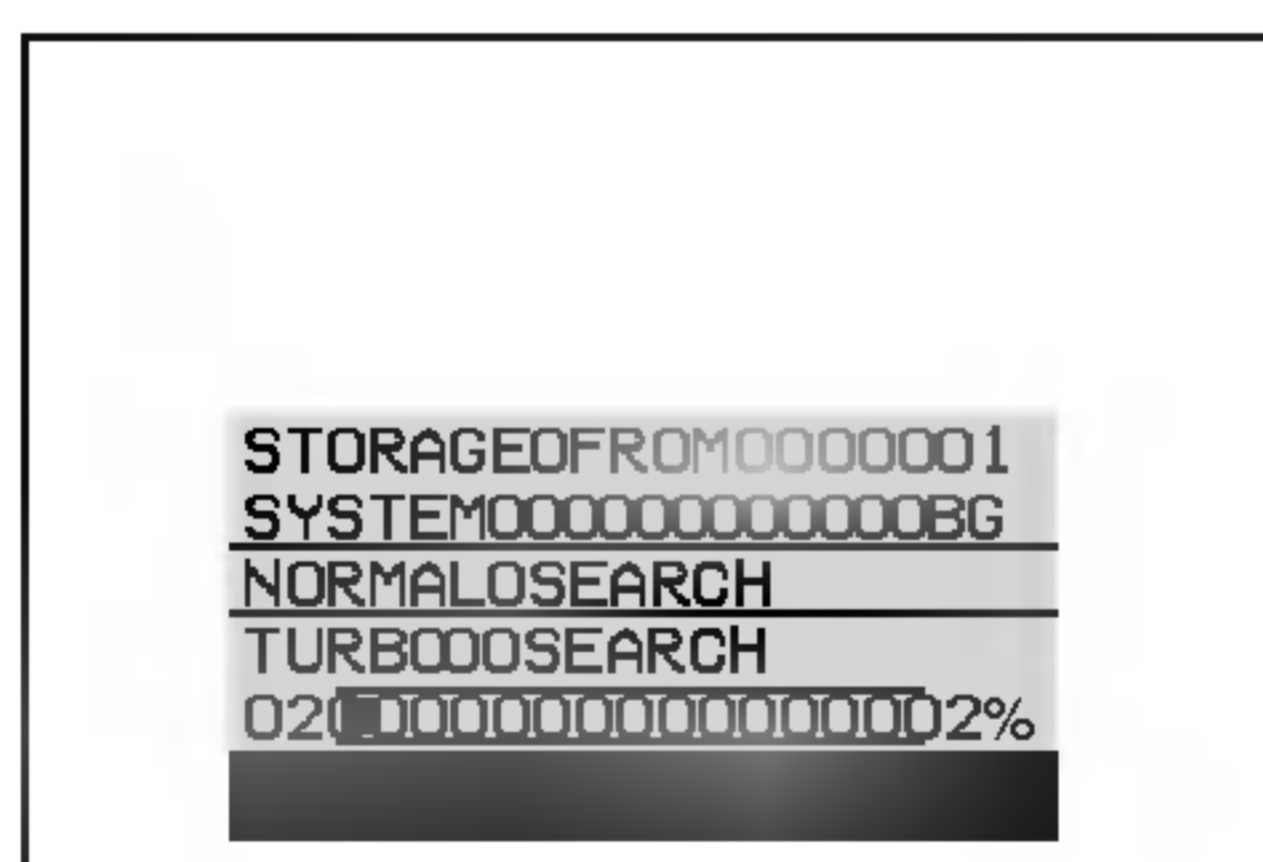


4. Press the $\bar{\text{I}}$ button to select **STORAGE FROM**. Select the beginning programme number with the ϕ / ϕ° button or NUMBER buttons. Any number under 10 is entered with a numeric '0' in front of it, i.e. '05' for 5.
5. Press the $\bar{\text{I}}$ button to select **SYSTEM**. Select a TV system with the ϕ / ϕ° button; **BG**(Asia/New Zealand/M.East/Africa), **BB**(Australia), **I**(Hong Kong/South Africa/U.K), **DK**(East Europe/China/Africa/CIS) or **M**(USA/Korea/Philippines).
6. Press the $\bar{\text{I}}$ button to select **NORMAL SEARCH** or **TURBO SEARCH**. **TURBO SEARCH** is further faster than **NORMAL SEARCH**. All the receivable systems can be stored from the system selected.

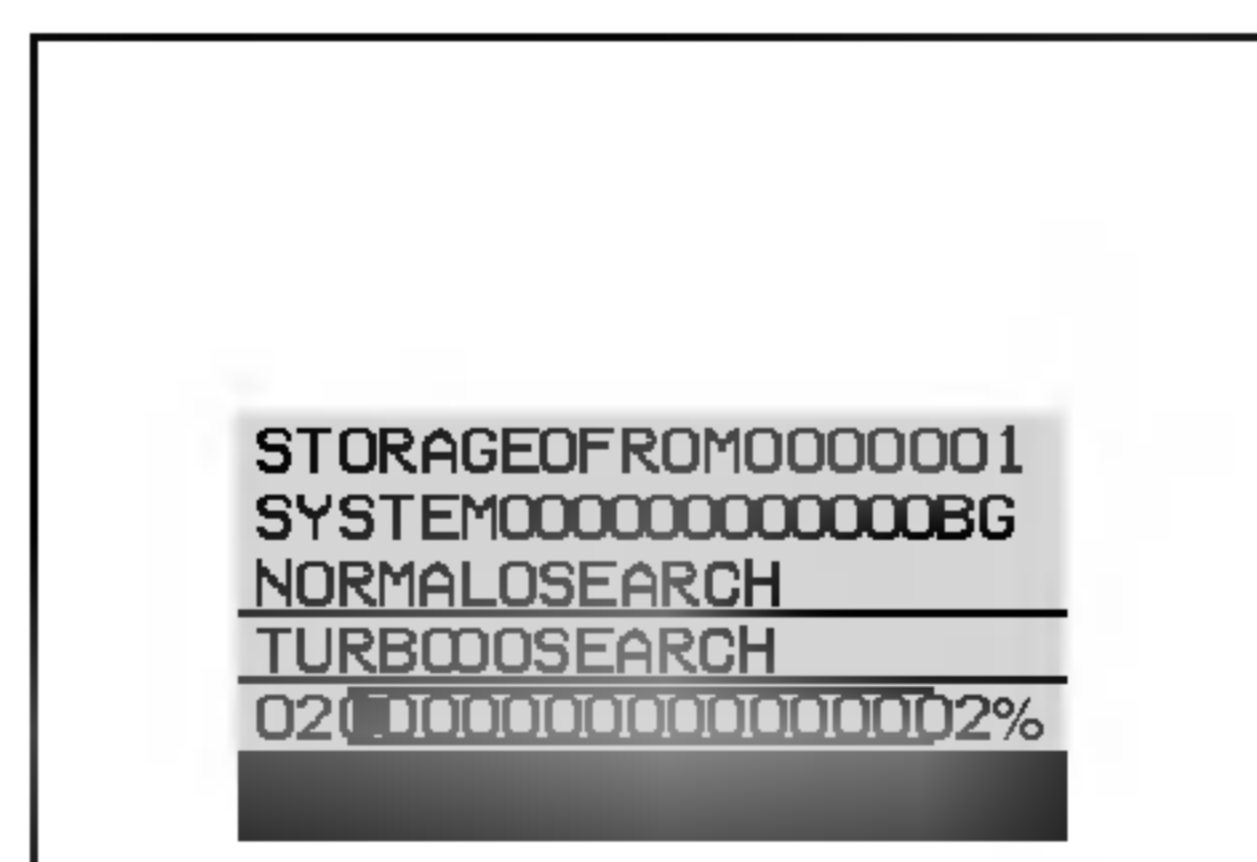
Note :

- a. **NORMAL SEARCH** (Stereo/NICAM reception models only) will automatically store all receivable systems. **TURBO SEARCH** is faster but will only store the system selected.
- b. If the programmed signal has poor quality sound, select the system again in the **MANUAL PROGRAMME** menu.

7. Press the **OK** button to begin auto programming.



(Normal search)



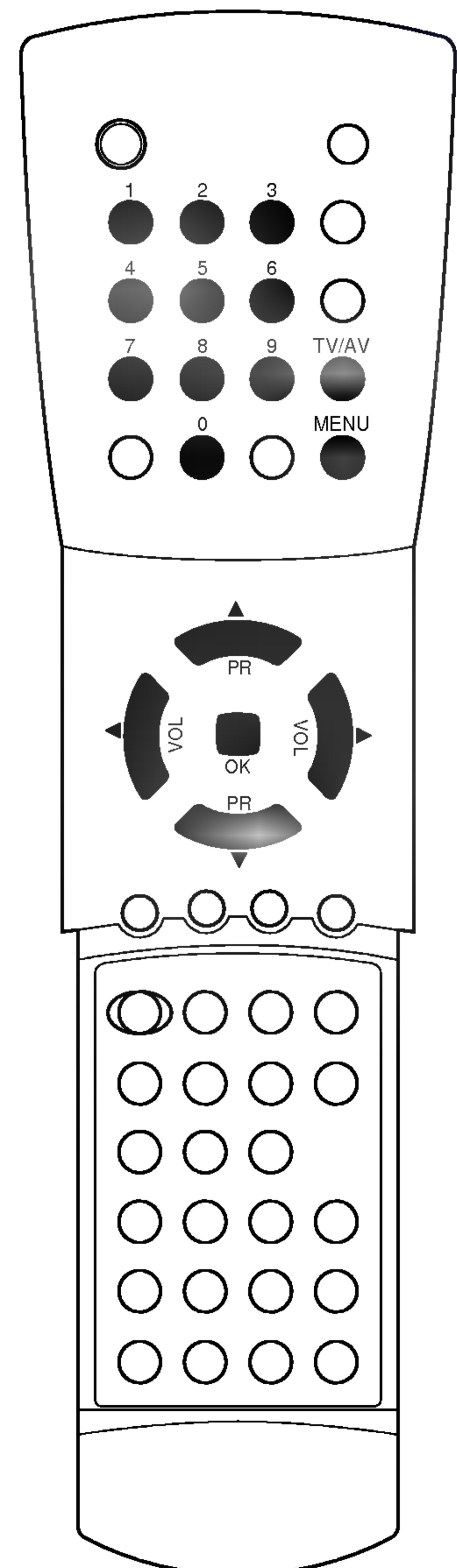
(Turbo search)

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 **TV/AV** button to return to normal TV viewing.



Setting up TV stations

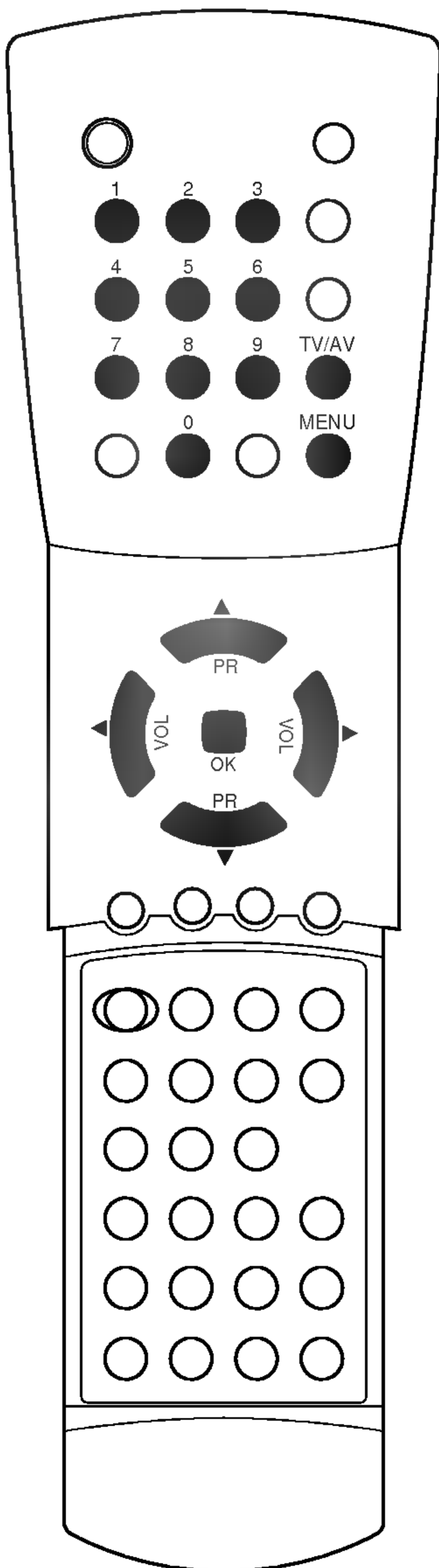
Station menu



Manual programme tuning

Manual programme lets you manually tune and arrange the stations in whatever order you desire.

1. Press the **MENU** button to display the Station menu.
2. Press the \updownarrow button to select **MANUAL PROGRAMME**.
3. Press the **OK** button to display the **MANUAL PROGRAMME** menu.



4. Press the \updownarrow button to select **PROGRAMME**. Select the desired programme number with the ϕ / ϕ^0 button or NUMBER buttons. Any number under 10 is entered with a numeric '0' in front of it, i.e. '05' for 5.
5. Press the \updownarrow button to select **SYSTEM**. Select a TV system with the ϕ / ϕ^0 button; **BG**(Asia/New Zealand/M.East/Africa), **BB**(Australia), **I**(Hong Kong/South Africa/U.K), **DK**(East Europe/China/Africa/CIS) or **M**(USA/Korea/Philippines).
6. Press the \updownarrow button to select **CHANNEL**. Press the ϕ / ϕ^0 button to select **V/UHF** or **CABLE** as required. If possible, then select the channel number directly with the NUMBER buttons.
7. Press the \updownarrow button to select **SEARCH**.
8. Press the ϕ / ϕ^0 button to commence searching. If a station is found the search will stop.
9. Press the **OK** button. The display **STORED** will appear.
10. To store another station repeat steps 4 to 9.
11. Press the **TV/AV** button to return to normal TV viewing.

Fine tuning

Normally fine tuning is only necessary if reception is poor.

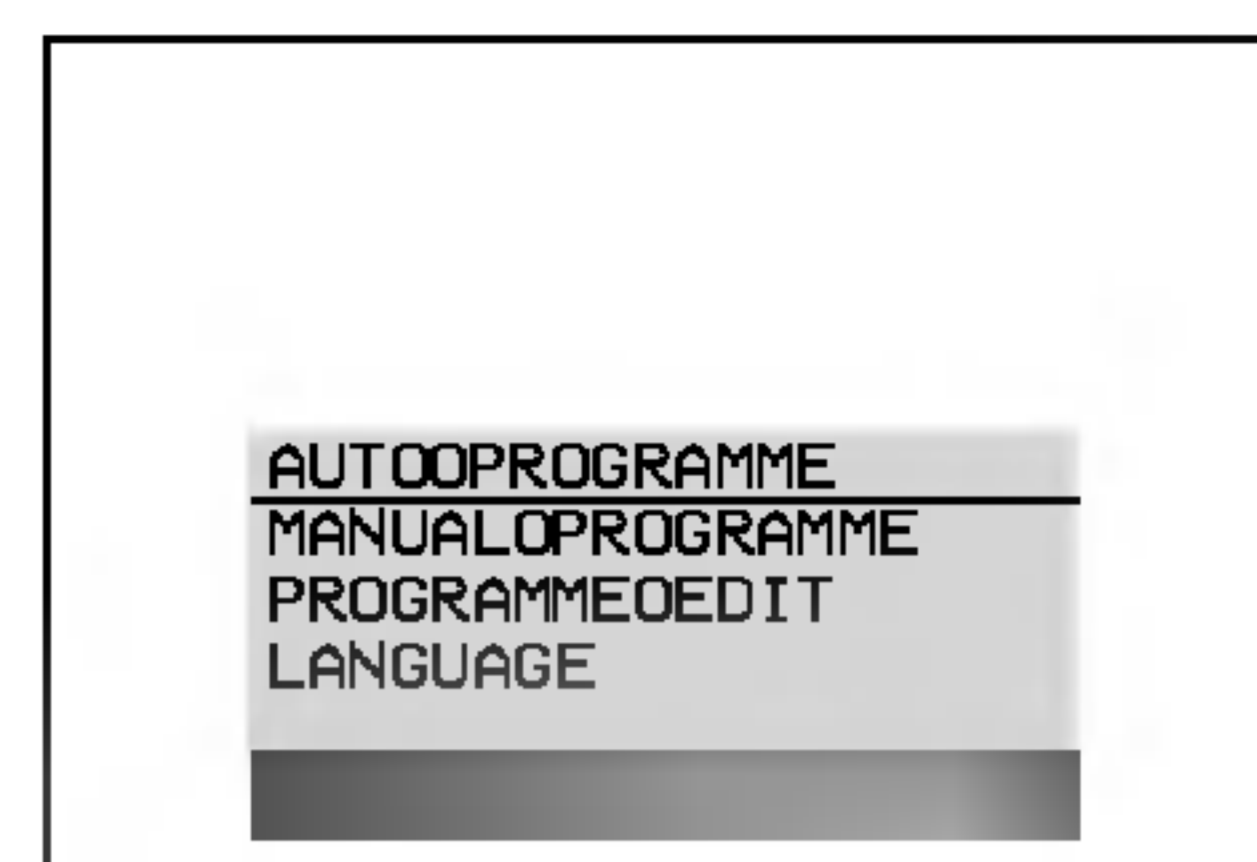
1. Repeat 'Manual programme tuning' steps 1 to 3.
2. Press the \updownarrow button to select **PROGRAMME**. Select the desired programme number with the ϕ / ϕ^0 button or NUMBER buttons. Any number under 10 is entered with a numeric '0' in front of it, i.e. '05' for 5.
3. Press the \updownarrow button to select **FINE**.
4. Press the ϕ / ϕ^0 button to fine tune for the best picture and sound.
5. Press the **OK** button. The display **STORED** will appear.
6. Press the **TV/AV** button to return to normal TV viewing. The finely tuned programme will be indicated by yellow number during programme selection.

Setting up TV stations

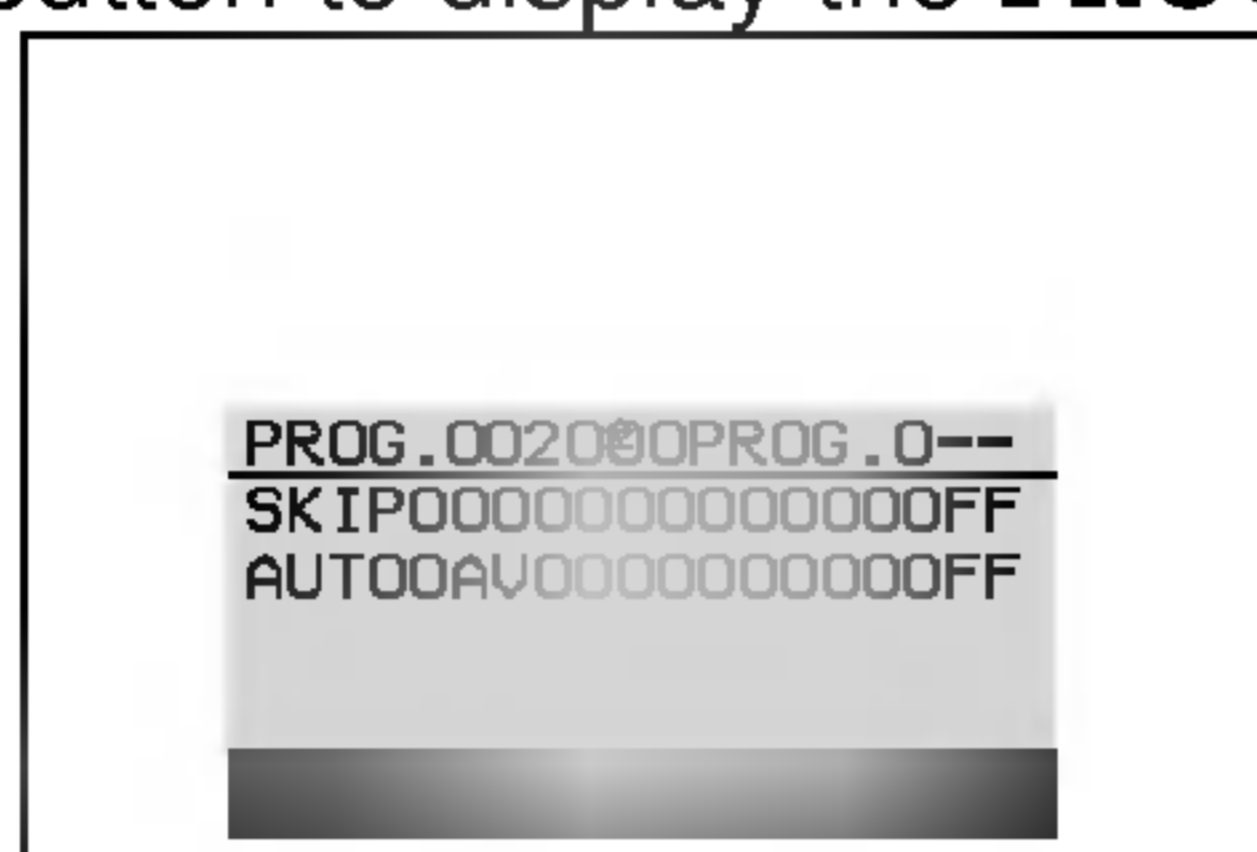
Programme edit

This function enables you to rearrange the programmes stored by auto programming in whatever order you desire. Also you can skip particular programme numbers stored by auto programming.

1. Repeatedly press the **MENU** button to display the Station menu.
2. Press the \leftarrow/\rightarrow button to select **PROGRAMME EDIT**.
3. Press the **OK** button to display the **PROGRAMME EDIT** menu.



Station menu



Exchanging programmes

1. Press the \leftarrow/\rightarrow button to change the left hand programme number. The viewing station corresponding to the new programme number is shown on the screen.
2. Press the NUMBER buttons to enter the desired right hand programme number. Any number under 10 is entered with a numeric '0' in front of it, i.e. '05' for 5.
3. Press the **OK** button. The station stored in the right hand programme number will now appear as the left hand programme number.
4. Repeat steps 1 to 3 to exchange other programmes.

Skipping a stored programme

1. Press the \leftarrow/\rightarrow button to select the programme you want to skip. The viewing station corresponding to the selected programme number is shown on the screen.
2. Press the \leftarrow/\rightarrow button to select **SKIP**.
3. Press the \leftarrow/\rightarrow button to select **ON** or **OFF**.
If you select **ON**, the selected station is skipped.
4. Press the **OK** button. The display **STORED** will appear.
5. Repeat steps 1 to 4 to skip another programme.
The selection of the skipped programme numbers with the NUMBER buttons is still possible and they will be indicated by blue numbers during programme selection.

Note : The programme number 1 cannot be skipped.

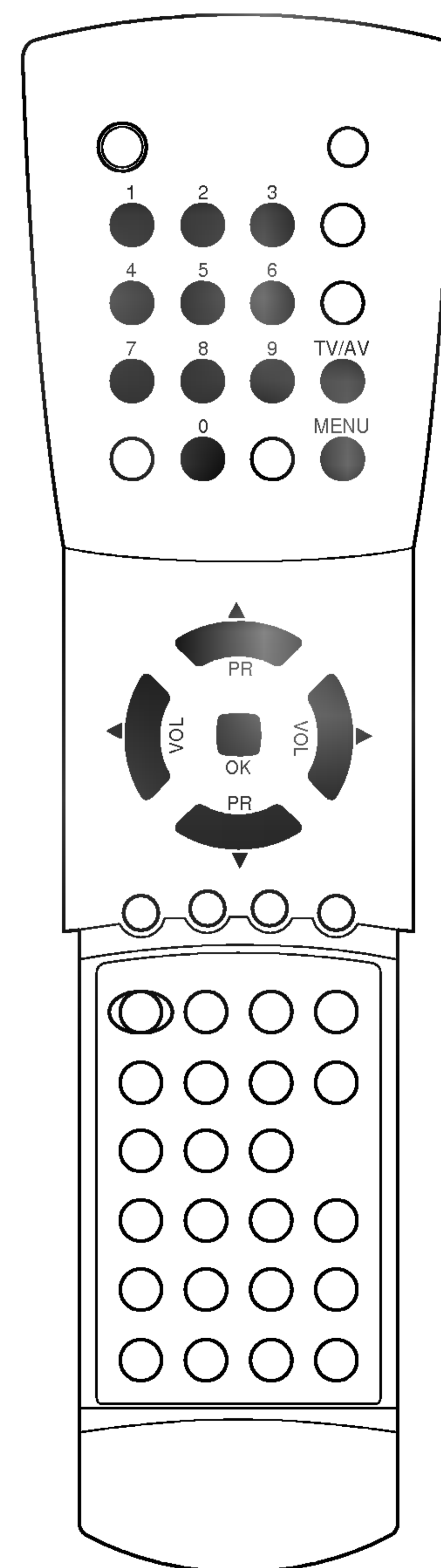
Auto AV setting (option)

This is optional function. In euro scart model, **AUTO AV ON** or **OFF** appears. If your VCR outputs a switching voltage when it is switched to playback, select **AUTO AV ON** with the VCR connected to Euro scart 1.

The set is automatically switched to AV1 mode when an AV signal is input. But if you want to keep on watching TV mode, set **AUTO AV** to **OFF**.

1. Press the \leftarrow/\rightarrow button to select your desired programme number.
2. Press the \leftarrow/\rightarrow button to select **AUTO AV**.
3. Press the \leftarrow/\rightarrow button to select **ON** or **OFF**.
4. Press the **OK** button. The display **STORED** will appear.
5. Repeat steps 1 to 4 to set another programme.

Press the **TV/AV** button to return to normal TV viewing.



Picture adjustment

Contents

Picture menu



Picture adjustment

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

Note : **TINT** can be selected for NTSC only.

1. Press the **MENU** button to display the Picture menu.
2. Press the \uparrow/\downarrow button to select the desired picture item.
3. Press the \leftarrow/\rightarrow button to make appropriate adjustments.
4. Press the **OK** button. The display **STORED** will appear.

To recall your preferred setting, press the **PSM** button until the desired picture (**STANDARD**, **USER**, **DYNAMIC** or **MILD**) appears. **STANDARD**, **DYNAMIC** and **MILD** are programmed at the factory for good picture reproduction appropriate to each programme character and cannot be changed.

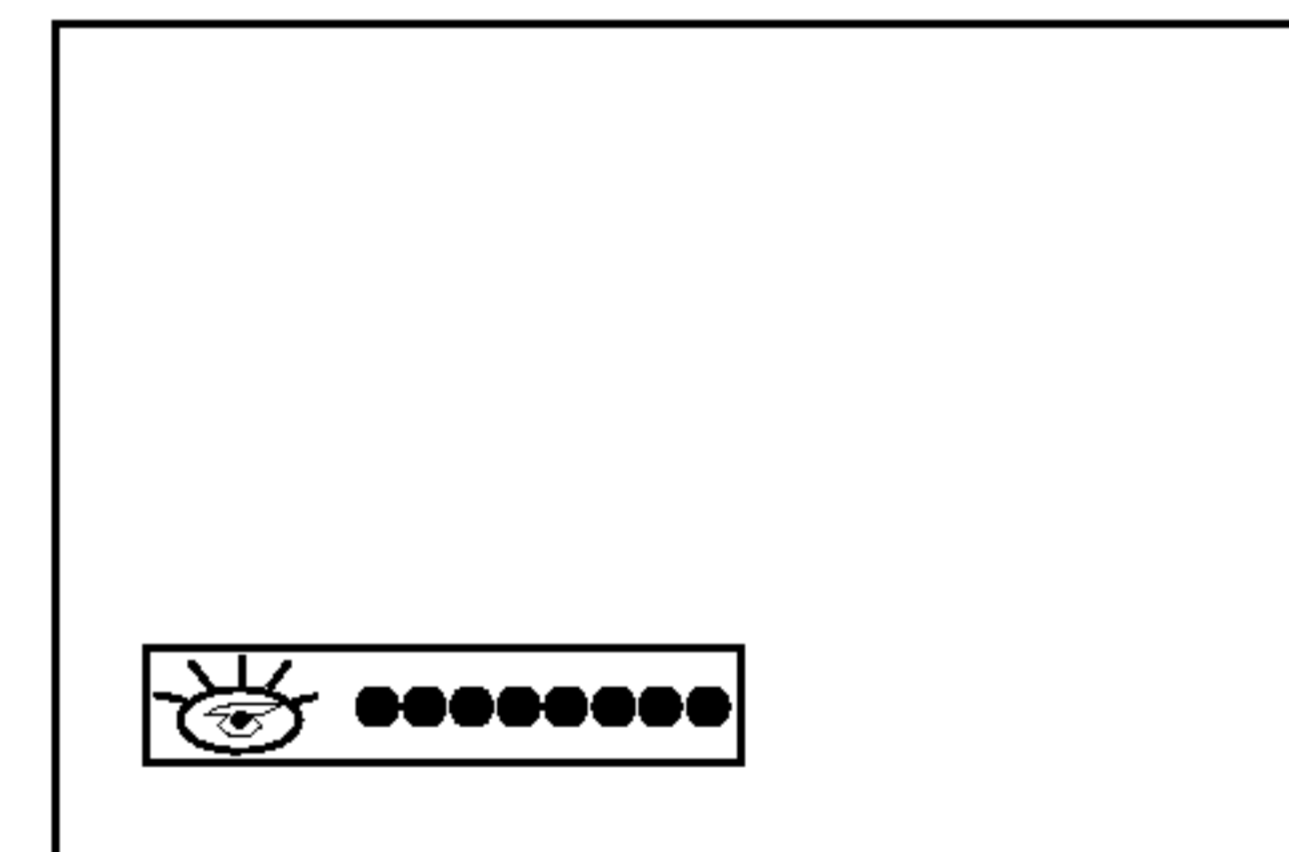
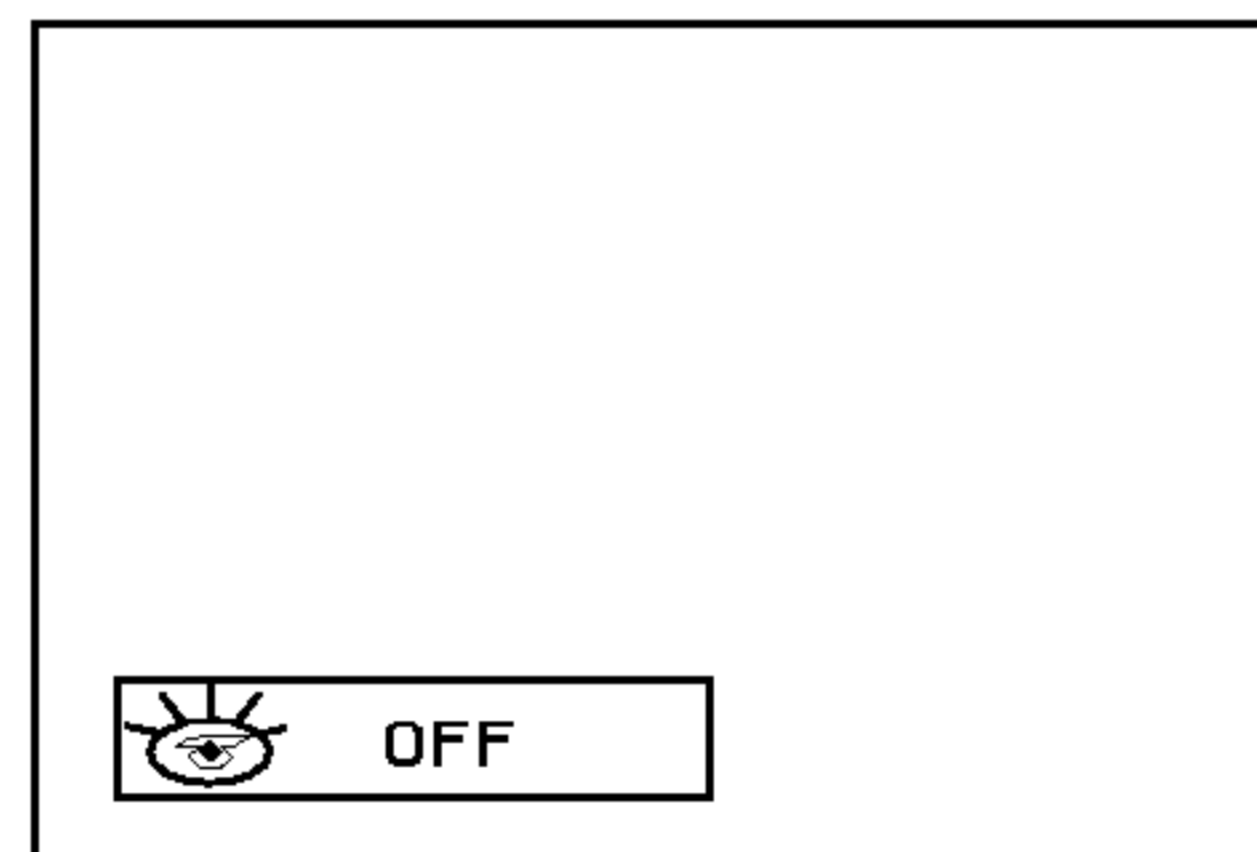
Note : If you press the **PSM** button after making appropriate adjustment in the Picture menu, the display **USER** automatically appears even though you have already set a factory preset setting; **STANDARD**, **DYNAMIC** or **MILD**.

Eye (option)

Eye is an optional function.

This 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 automatically is adjusted according to the surrounding conditions. At this time the display $\bullet\bullet\bullet\bullet\bullet\bullet$ in green does not appear continuously but the display $\bullet\bullet\bullet\bullet\bullet\bullet$ in yellow appears each time the picture condition changes.

Note :

- a. If you want to check each picture level while the eye function is on, display the Picture menu.
- b. If you press the **PSM** button with the eye function, the eye function is automatically switched off.

Picture format selection

You can watch the TV in three picture formats; **STANDARD**, **WIDE** and **ZOOM**.

Press the **ARC (Aspect Ratio Control)** button to switch to **STANDARD**, **WIDE** or **ZOOM** picture format.

STANDARD (4:3)

This is the normal picture size 4 by 3 as displayed on all TV sets.

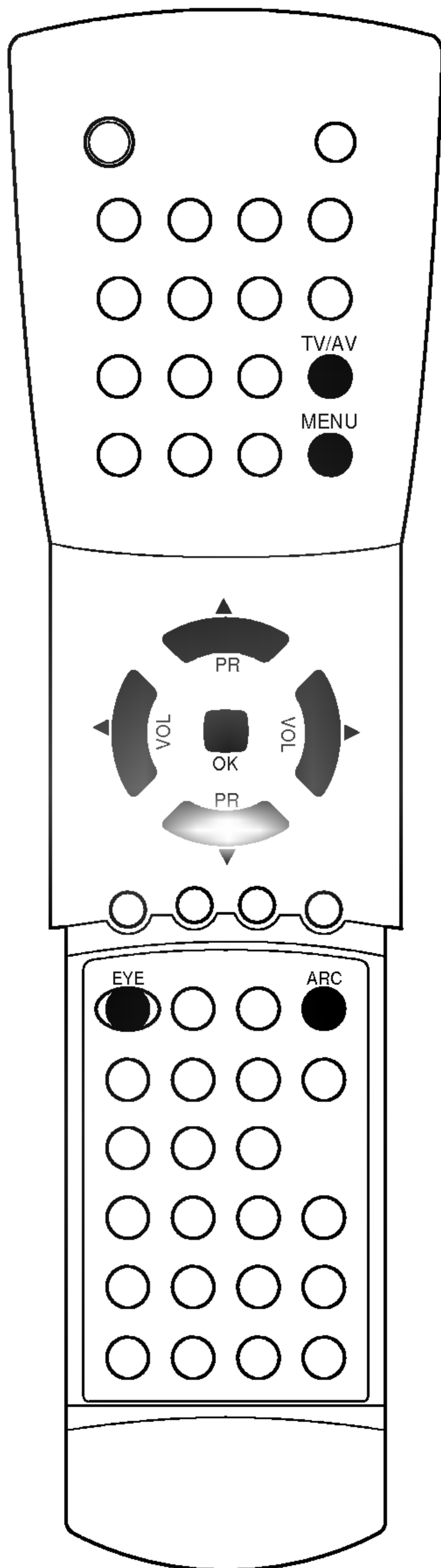
WIDE (16:9)

This is the cinema screen picture format. Some TV stations broadcast in this picture format. To receive the picture size 16 by 9, select **WIDE**.

ZOOM

This is the picture format the **STANDARD** picture is magnified to fill the whole screen but the extreme top, bottom, left and right of the picture are lost.

To adjust the picture position, press the \uparrow/\downarrow or \leftarrow/\rightarrow button then **OK** button.



Sound adjustment

Sound adjustment

You can adjust the sound treble, bass, balance, surround and headphone volume to the levels you prefer. The surround sound creates an all around sound as in a concert hall.

Option :

Headphone volume is an optional function.

1. Press the **MENU** button to display the Sound menu.
2. Press the \uparrow/\downarrow button to select the desired sound item.
3. Press the \leftarrow/\rightarrow button to make desired adjustment.
4. Press the **OK** button. The display **STORED** will appear.

To recall your preferred setting, press the **SSM** button until the desired sound (**STANDARD**, **USER**, **MUSIC** or **SPEECH**) appears.

STANDARD, **MUSIC** and **SPEECH** are programmed at the factory for good sound reproduction appropriate to each programme character and cannot be changed.

Note : If you press the **SSM** button after making appropriate adjustment in the Sound menu, the display **USER** automatically appears even though you have already set a factory preset setting; **STANDARD**, **MUSIC** or **SPEECH**.

Stereo/Dual reception (option)

Stereo/dual is an optional function.

When a programme is selected, the sound information for the station appears after the programme number and station name disappear.

Broadcast	On Screen Display
Mono	MONO
Stereo	STEREO
Dual	DUAL I

Mono sound selection

In stereo reception if the stereo signal is weak, you can switch to mono by pressing the **I/II** button. In mono reception the depth of sound is improved. To switch back to stereo, press the **I/II** button again.

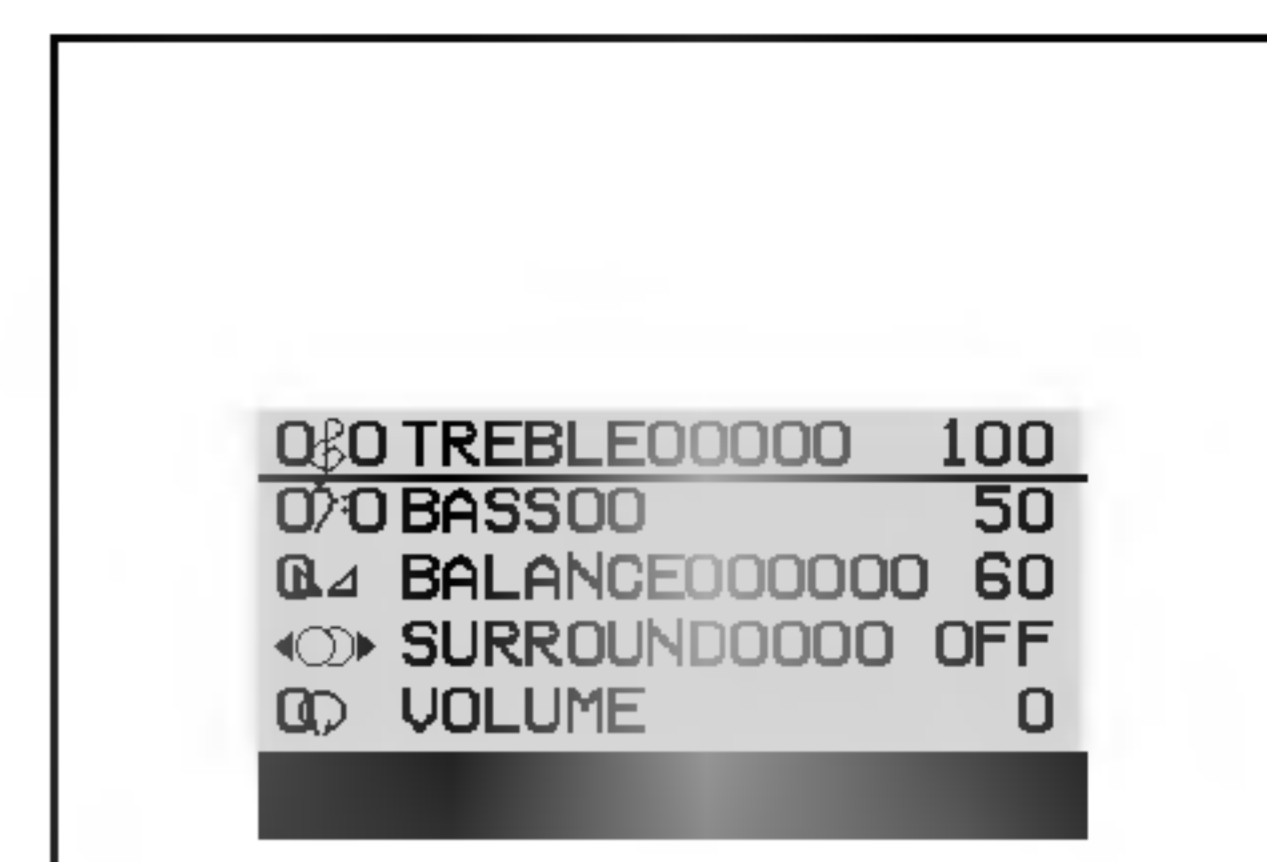
Language selection for dual language broadcast

If a programme received in two languages (dual language), you can switch to **DUAL I**, **DUAL II** or **DUAL I II** by pressing the **I/II** button repeatedly.

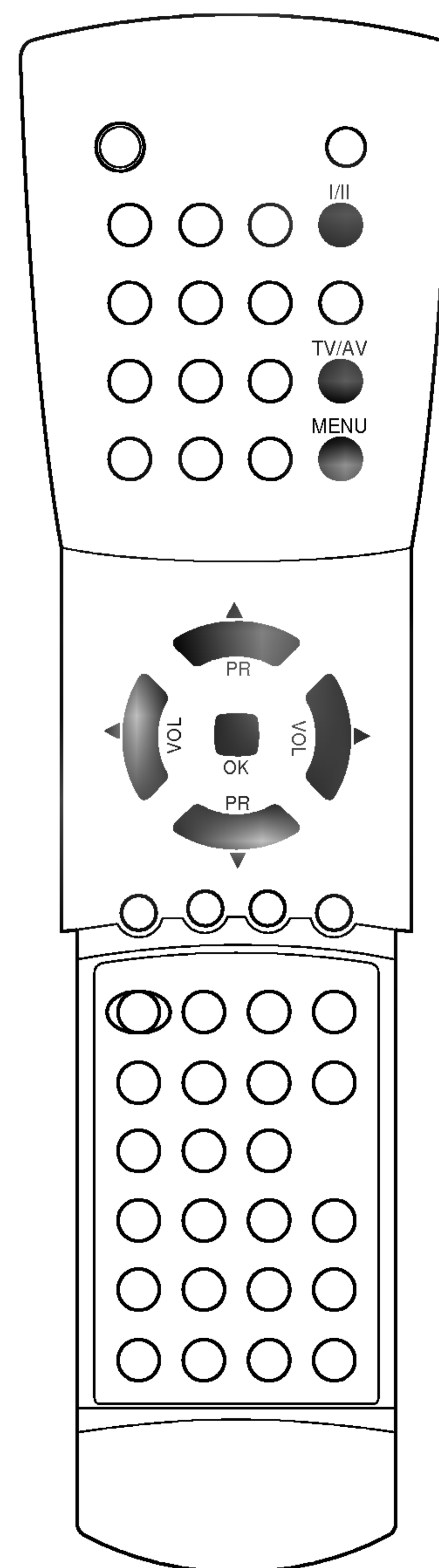
DUAL I sends the primary broadcast language to the loudspeakers.

DUAL II sends the secondary broadcast language to the loudspeakers.

DUAL I II sends a separate language to each loudspeaker.



Sound menu



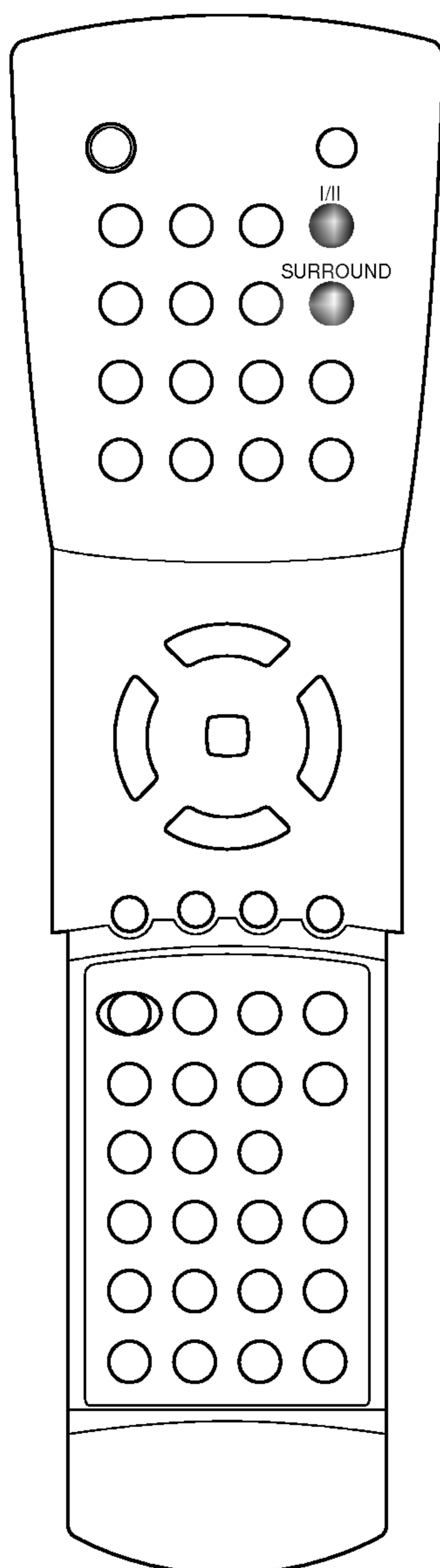
Sound adjustment

NICAM reception (option)

NICAM (Near Instantaneous Companding Audio Multiplex) is an optional function.

If your set is equipped with the receiver for NICAM reception, the high quality NICAM (Near Instantaneous Companding Audio Multiplex) digital sound can be received.

Sound output can be selected according to the type of received broadcast as follows by pressing the **I/II** button repeatedly.




1. When NICAM mono is received, you can select **NICAM MONO** or FM MONO.
2. When NICAM stereo is received, you can select **NICAM STEREO** or FM MONO. If the stereo signal is weak, switch to FM MONO.
3. When NICAM dual is received, you can select **DUAL I**, **DUAL II** or **DUAL I II** or **MONO**. When FM mono is selected the display **MONO** appears on the screen.

Spatial sound

The spatial sound effect for a stereo broadcast or pseudo stereo sound effect for a mono or dual language broadcast can be created.

Repeatedly press the **SURROUND** button to switch between spatial (or pseudo stereo) sound and normal sounds.

When spatial (or pseudo stereo) sound is selected the display  appears on the screen.

Sound output selection

In AV mode, you can select output sound for the left and right loudspeakers.

Repeatedly press the **I/II** button to select the sound output.

L+R : Audio signal from audio L input is sent to left loudspeaker 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.

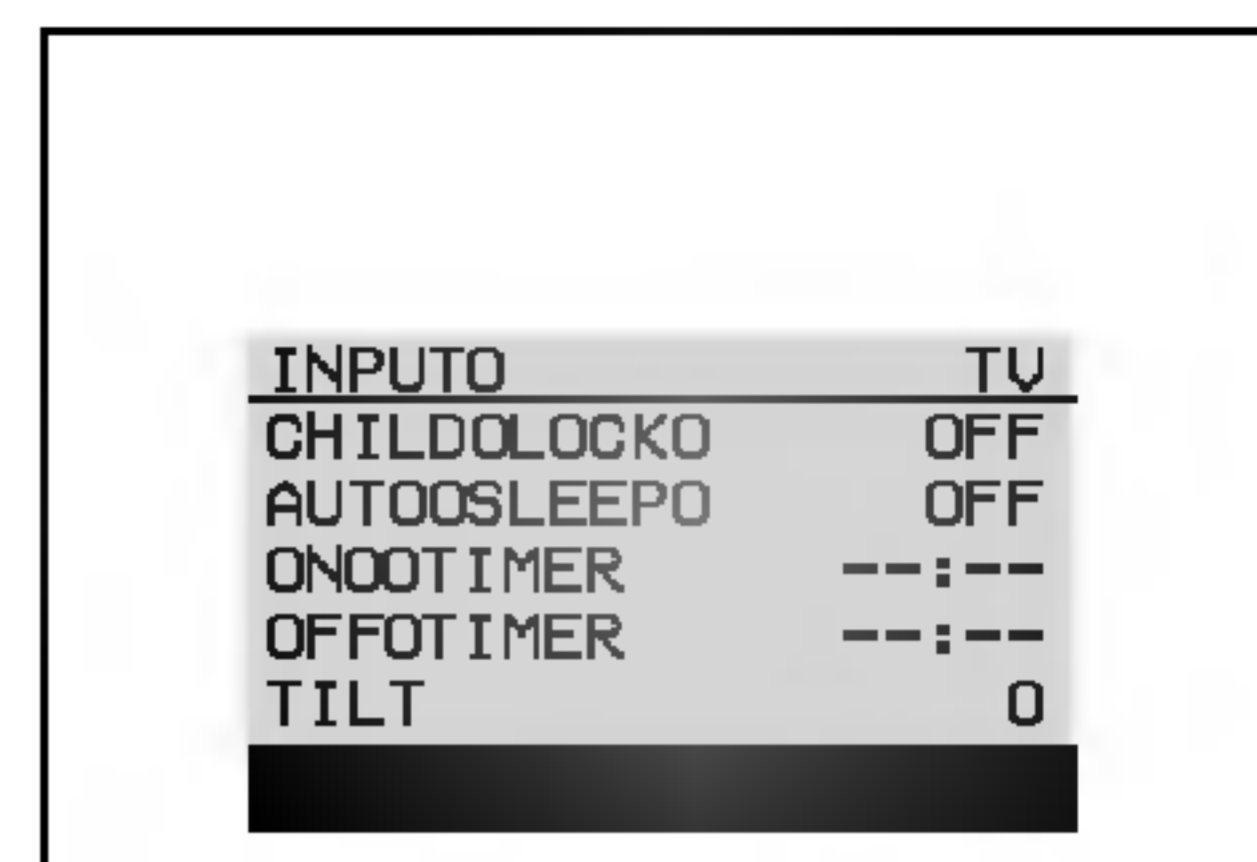
Other functions

Contents

TV and AV modes

Inputs can be set for TV or AV mode. AV mode is used when a video cassette recorder (VCR), or other equipment is 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.



INPUT	TV
CHILDOLOCK	OFF
AUTO SLEEP	OFF
ON/OFF TIMER	---
OFF/TIMER	---
TILT	0

Function menu

1. Press the **MENU** button to display the Function menu.
2. Press the **INPUT** button.
3. Press the **TV, AV 1, AV 2** or **AV 3**.
The four AV modes are :
AV 1 : VCR connected to the Euro scart socket 1 on the back
AV 2 : VCR connected to the **AV2** sockets on the front or side panel
AV 3 : VCR connected to the **AV3** sockets on the back
6. Press the **OK** or **TV/AV** button.

To return to TV mode from AV mode press the **TV/AV** or **NUMBER** buttons.

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

Child lock

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

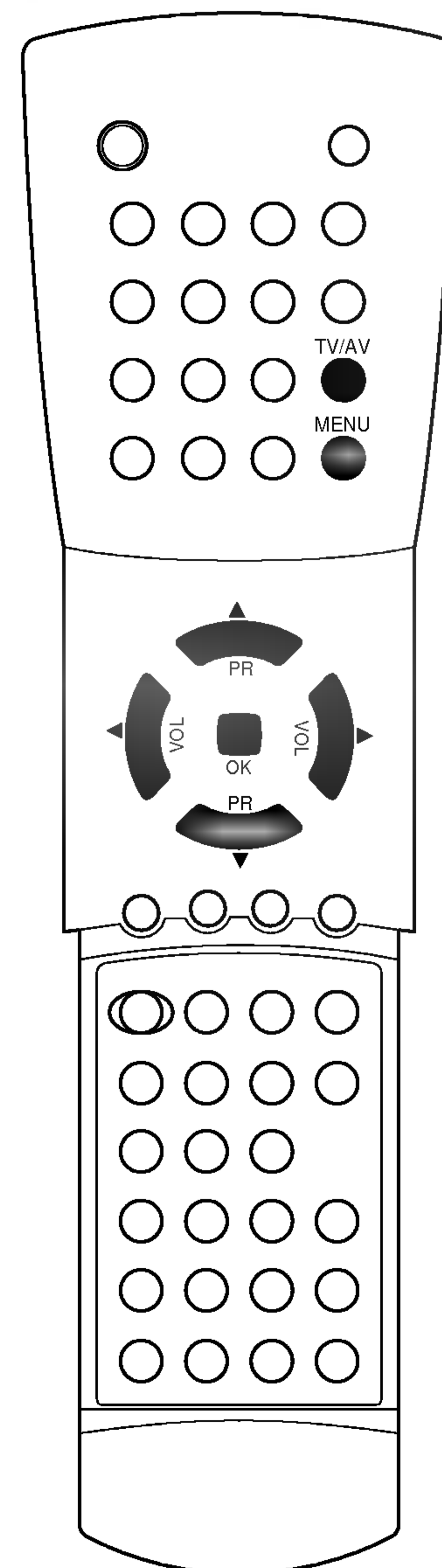
1. Press the **MENU** button to display the Function menu.
2. Press the **INPUT** button.
3. Press the **TV/AV** button on the remote control handset to select **ON**.
4. Press the **OK** or **TV/AV** button to return to normal TV viewing.

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.

Auto sleep

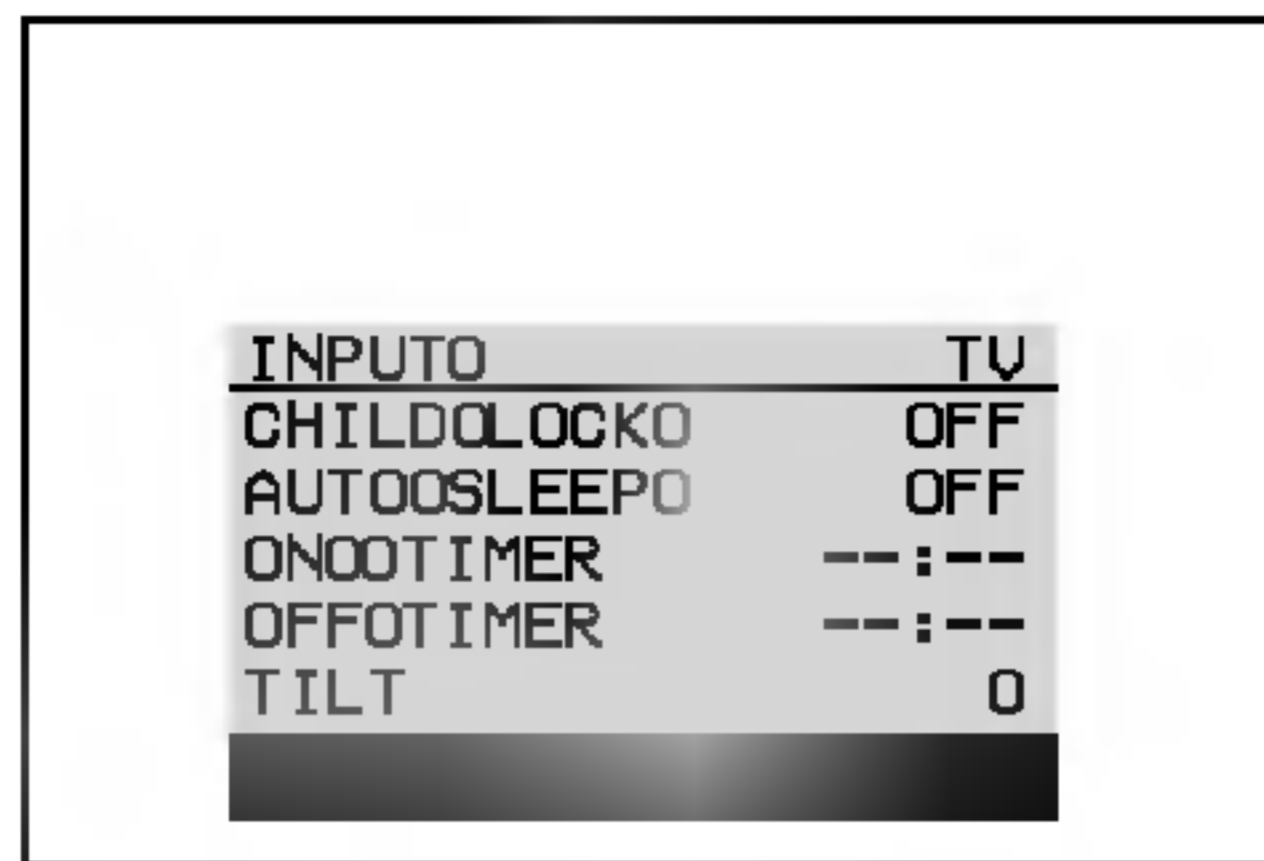
If you select **AUTO SLEEP ON** the set will automatically switch itself to standby mode approximately ten minutes after a TV station stops broadcasting.

1. Press the **MENU** button to display the Function menu.
2. Press the **INPUT** button.
3. Press the **TV/AV** button to select **ON**.
4. Press the **OK** or **TV/AV** button to return to normal TV viewing.



Other functions

Function menu



On timer

The set automatically switches on after the preset time elapses.

1. Press the **MENU** button to display the Function menu.
2. Press the \uparrow/\downarrow button to select **ON TIMER**.
3. Set the desired time period with the \ominus/\oplus button.
4. Press the **OK** or **TV/AV** button to return to normal TV viewing.

Off timer

The off timer automatically switches the set to standby after the preset time elapses.

1. Press the **MENU** button to display the Function menu.
2. Press the \uparrow/\downarrow button to select **OFF TIMER**.
3. Set the desired time period with the \ominus/\oplus button.
4. Press the **OK** or **TV/AV** button to return to normal TV viewing.

You can set the on/off timer from 10 minutes up to 12 hours 50 minutes in 10 minutes steps. The timer begins to count down from the selected time period.

Note :

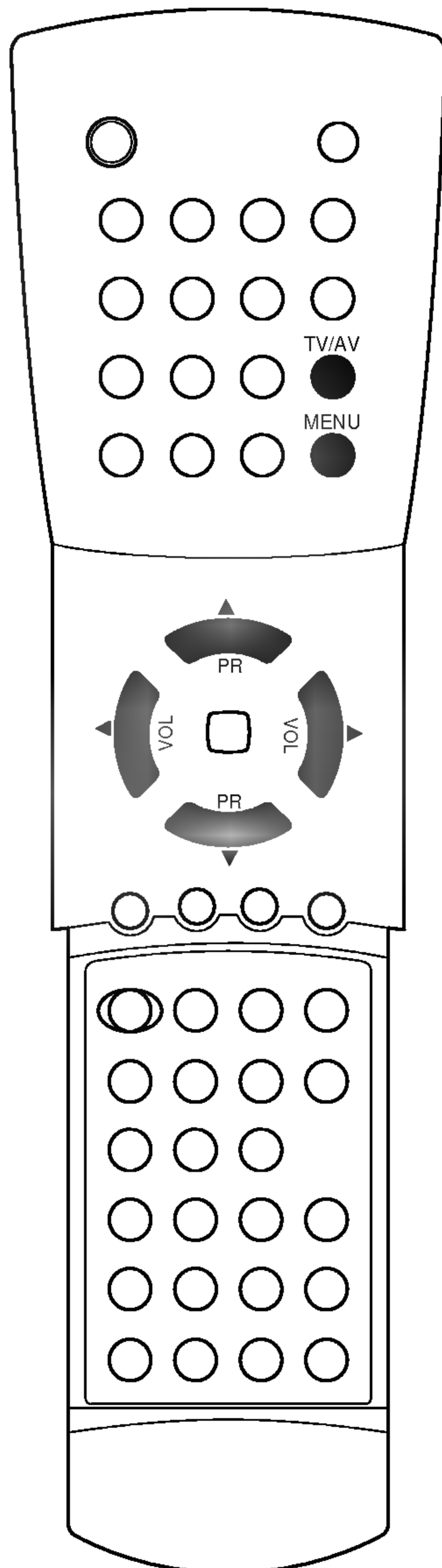
- a. This set must be put into standby mode with the **POWER** button on the remote control to operate the on timer function.
- b. Two hours after the set is switched on by the on timer function it will automatically switch back to standby mode unless a button has been pressed.
- c. To view the remaining on/off time, select the Function menu.
- d. To cancel the set on/off time, set the on/off timer to --:--.
- e. When you switch the main power off, the on/off time is reset.

Tilt (option)

Tilt is an optional function.

The TV picture may tilt to the left or right if the TV set moves to another position. This function can be used to compensate the tilt.

1. Press the **MENU** button to display the Function menu.
2. Press the \uparrow/\downarrow button to select **TILT**.
3. Press the \ominus/\oplus button to adjust the tilt.
4. Press the **OK** or **TV/AV** button to return to normal TV viewing.



Teletext is an optional function, therefore only a set with the teletext system can receive the teletext broadcast.

Teletext is a free service broadcast by most TV stations which gives up-to-the-minute information on news, weather, television programmes, share prices and many other topics.

The teletext decoder of this TV can support the SIMPLE, TOP and FASTEXT systems. SIMPLE (standard teletext) consists of a number of pages which are selected by directly entering the corresponding page number. TOP and FASTEXT are more modern methods allowing quick and easy selection of teletext information.

Switch on/off

Press the **TEXT** button to switch to teletext. The initial page or last selected page appears on the screen.

Two page numbers, TV station name, date and time are displayed on the screen headline. The first page number indicates your selection, while the second shows the current page displayed.

Press the **TEXT** or **TV/AV** button to switch off teletext. The previous mode reappears.

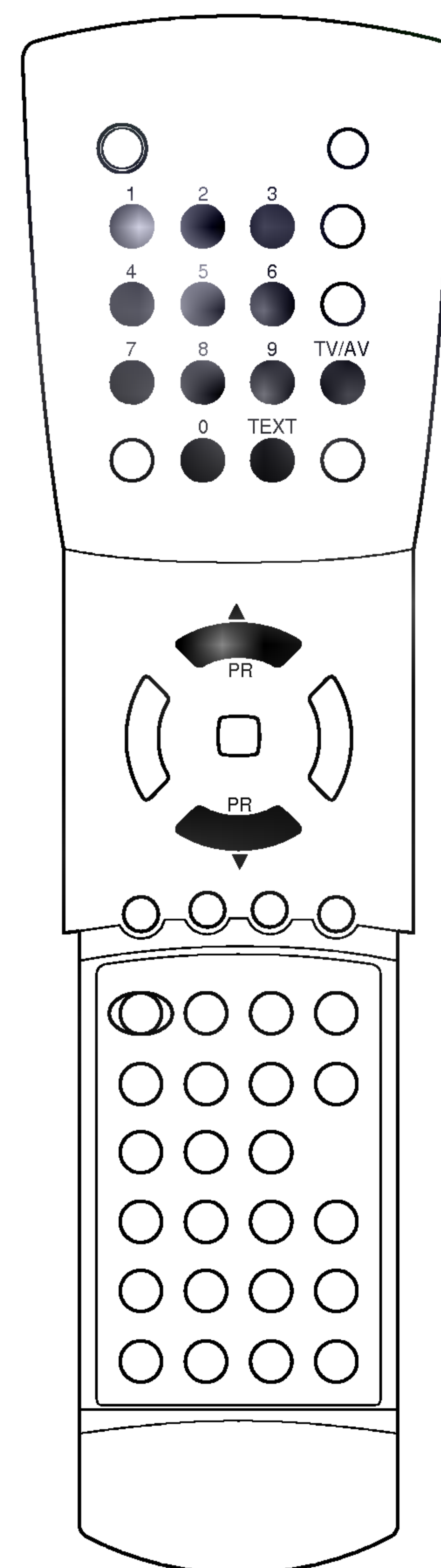
Option :

In some models, if the TV is in Simple text, TOP text or FASTEXT, press the **MODE** button to switch to LIST mode.

SIMPLE text

Page selection

1. Enter the desired page number as a three digit number with the NUMBER buttons. If during selection you press a wrong number, you must complete the three digit number and then re-enter the correct page number.
2. The **PR** button can be used to select the preceding or following page.



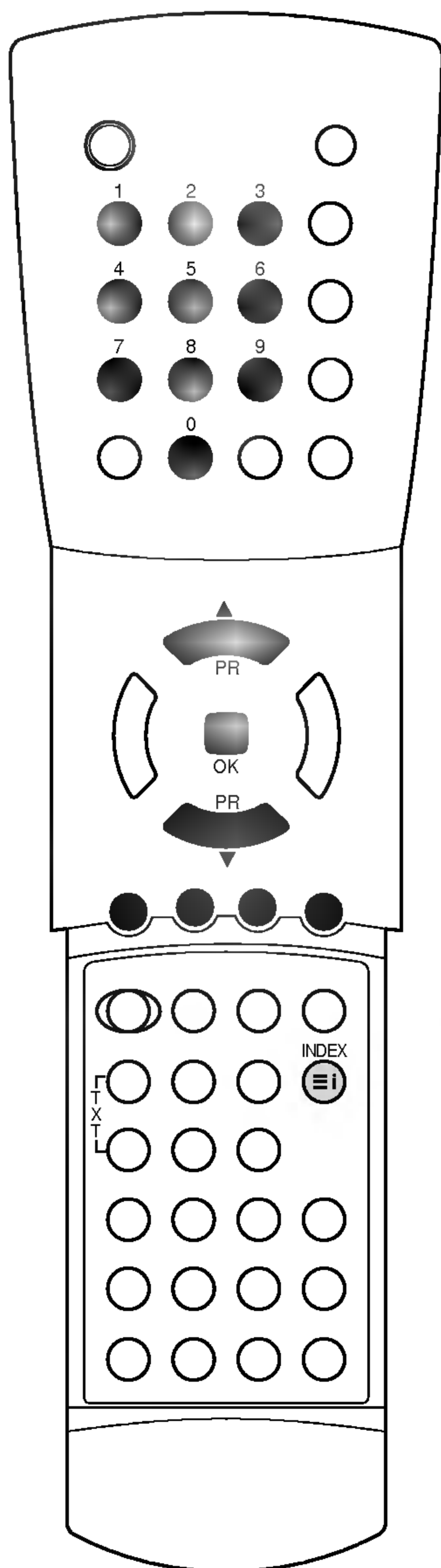
Teletext (option)

LIST mode

Programming a colour button (option)

Four teletext page numbers of your choice can be colour coded and easily selected by pressing the corresponding coloured button on the remote control handset.

1. Using the NUMBER buttons, select the page you wish to programme.
2. Wait until the page is displayed on the screen and press the **OK** button. The page numbers in the colour boxes along the bottom of the screen change to "000?".
3. Press a colour button to store the page number. From now on, you can select this page with the same coloured button.
4. The three other coloured buttons are programmed in the same way.



TOP text

The user guide displays four fields-red, green, yellow and blue at the bottom of the screen. The yellow field denotes the next group and the blue field indicates the next block.

Group/block/page selection

1. With the BLUE button you can progress from block to block.
2. Use the YELLOW button to proceed to the next group with automatic overflow to the next block.
3. With the GREEN button you can proceed to the next existing page with automatic overflow to the next group. Alternatively the \uparrow/\downarrow button can be used.
4. The RED button permits to return to previous selection. Alternatively the \uparrow/\downarrow button can be used.

Direct page selection

Corresponding to the SIMPLE teletext mode, you can select a page by entering it as a three digit number using the NUMBER buttons in TOP mode.

FASTEXT

The teletext pages are colour coded along the bottom of the screen and are selected by pressing the corresponding coloured button.

Page selection

1. Press the **INDEX** button to select the index page.
 2. You can select the pages which are colour coded along the bottom line with the same coloured buttons.
 3. Corresponding to the SIMPLE teletext mode, you can select a page by entering its three digit page number with the NUMBER buttons in FASTEXT mode.
 4. The \uparrow/\downarrow button can be used to select the preceding or following page.
-

Teletext (option)

Special teletext functions



REVEAL

Press this button to display concealed information, such as solutions of riddles or puzzles.

Press this button again to remove the information from the display.



EXPAND (SIZE)

Selects double height text.

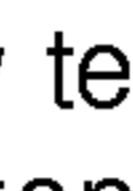

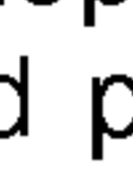

Press this button to enlarge the top half of the page.

Press this button again to enlarge the bottom half of the page.

Press this button again to return to the normal display.



UPDATE

Displays the TV picture on the screen while waiting for the new teletext page. The display  or  will appear at the top left hand corner of the screen. When the updated page is available then display  or  will change to the page number.

Press this button to view the updated teletext page.



HOLD (STOP)

Stops the automatic page change which will occur if a teletext page consists of 2 or more sub pages. The number of sub pages and the sub page displayed is, usually, shown on the screen below the time. When this button is pressed the stop symbol is displayed at the top left-hand corner of the screen and the automatic page change is inhibited.

To continue press this button again.




MIX

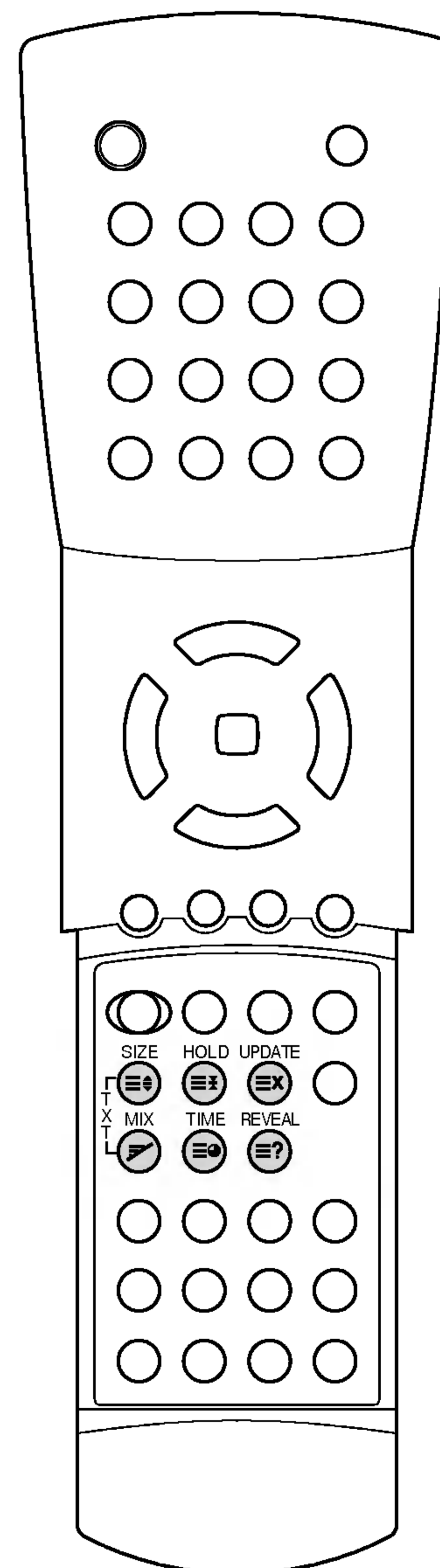
Displays the teletext pages superimposed on the TV picture.

To switch the TV picture off press this button again.

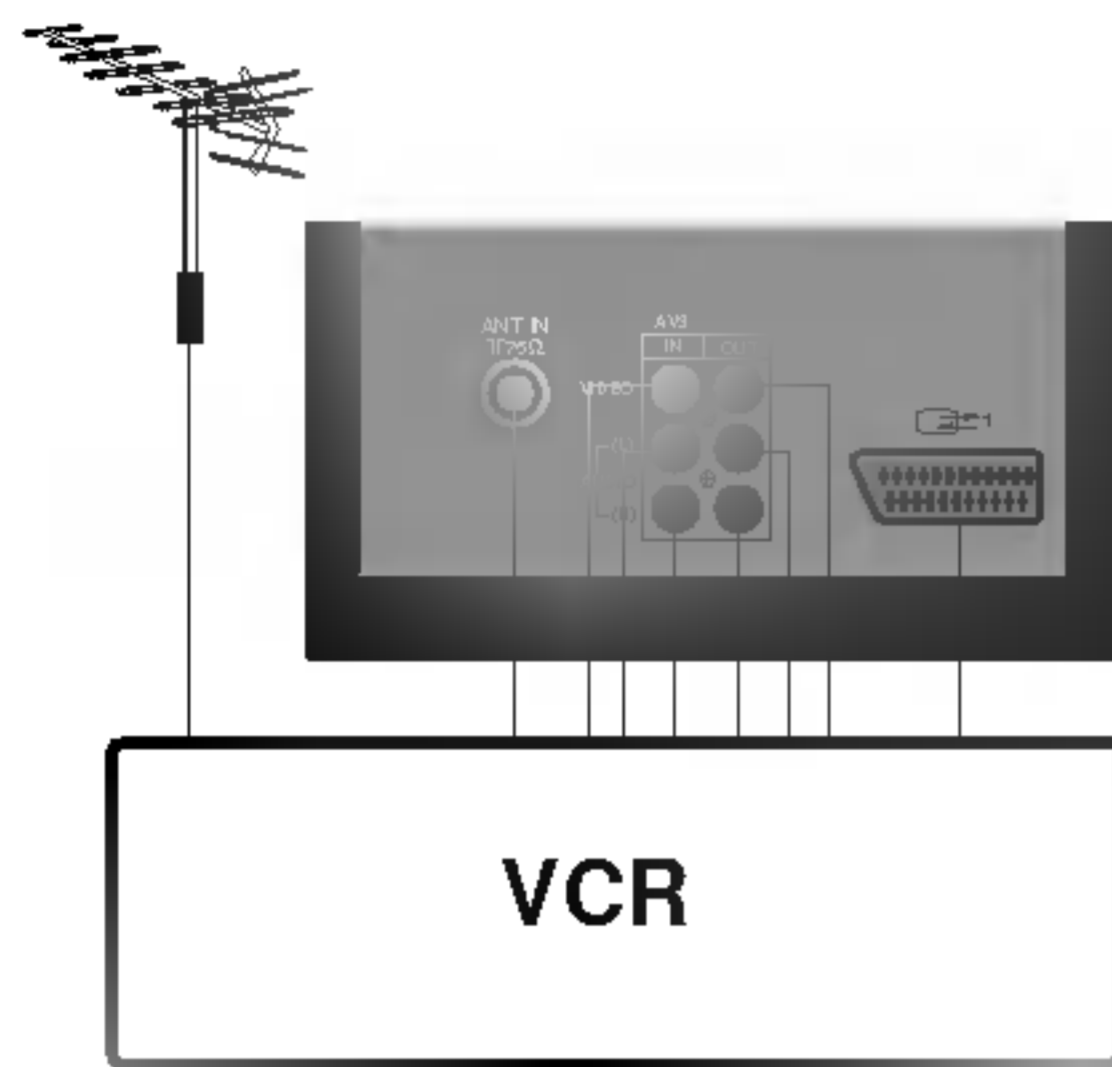


TIME

When viewing a TV programme, press this button to display the time at the top right hand corner of the screen. Press this button again to remove the display. In the teletext mode, press this button to select a sub page number. The sub page number is displayed at the bottom of the screen. To hold or change the sub page, press the RED/GREEN,  or NUMBER buttons. Press again to exit this function.

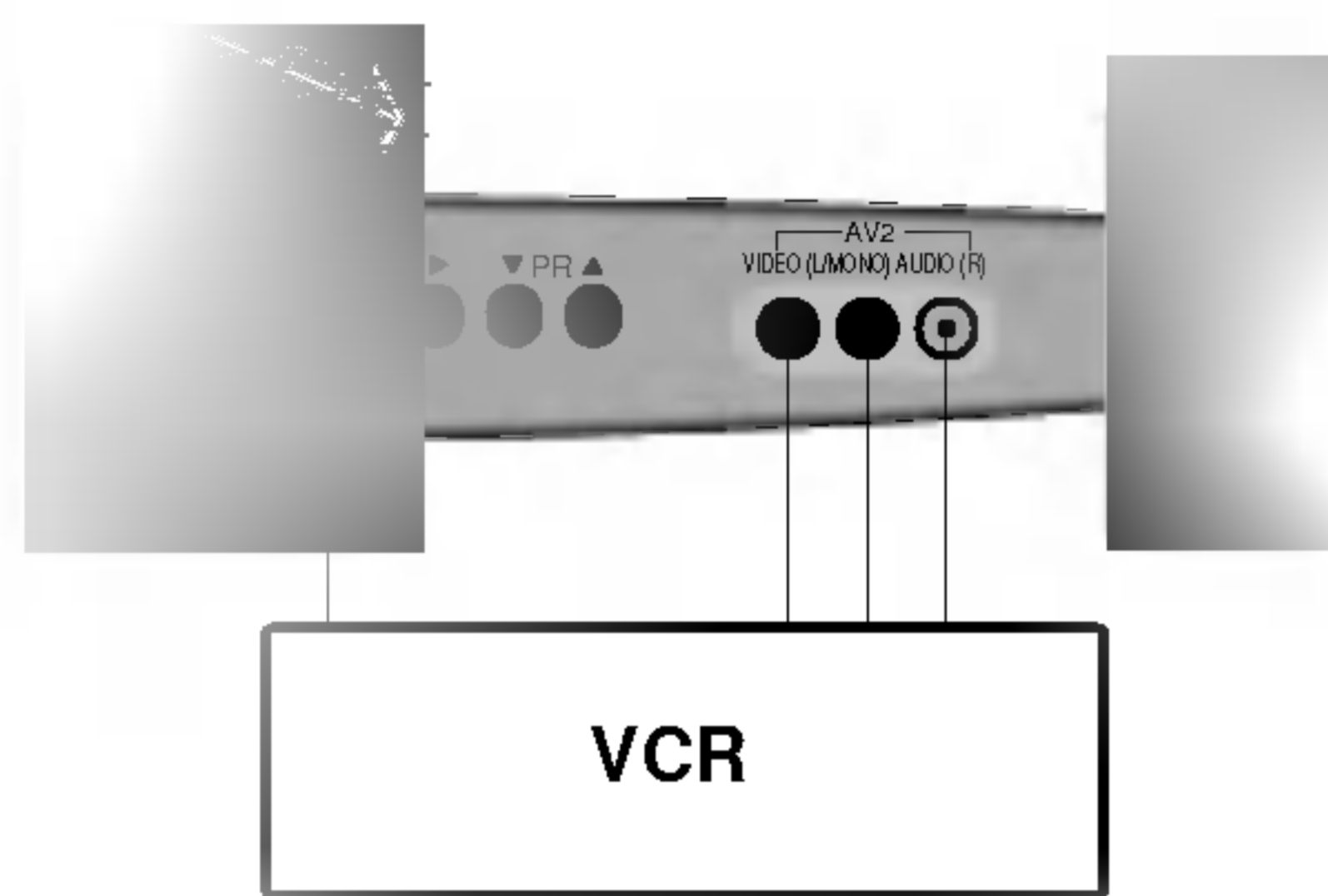


You can connect additional equipment, such as VCRs, camcorders etc. to your set. Here shown may be somewhat different from your set.



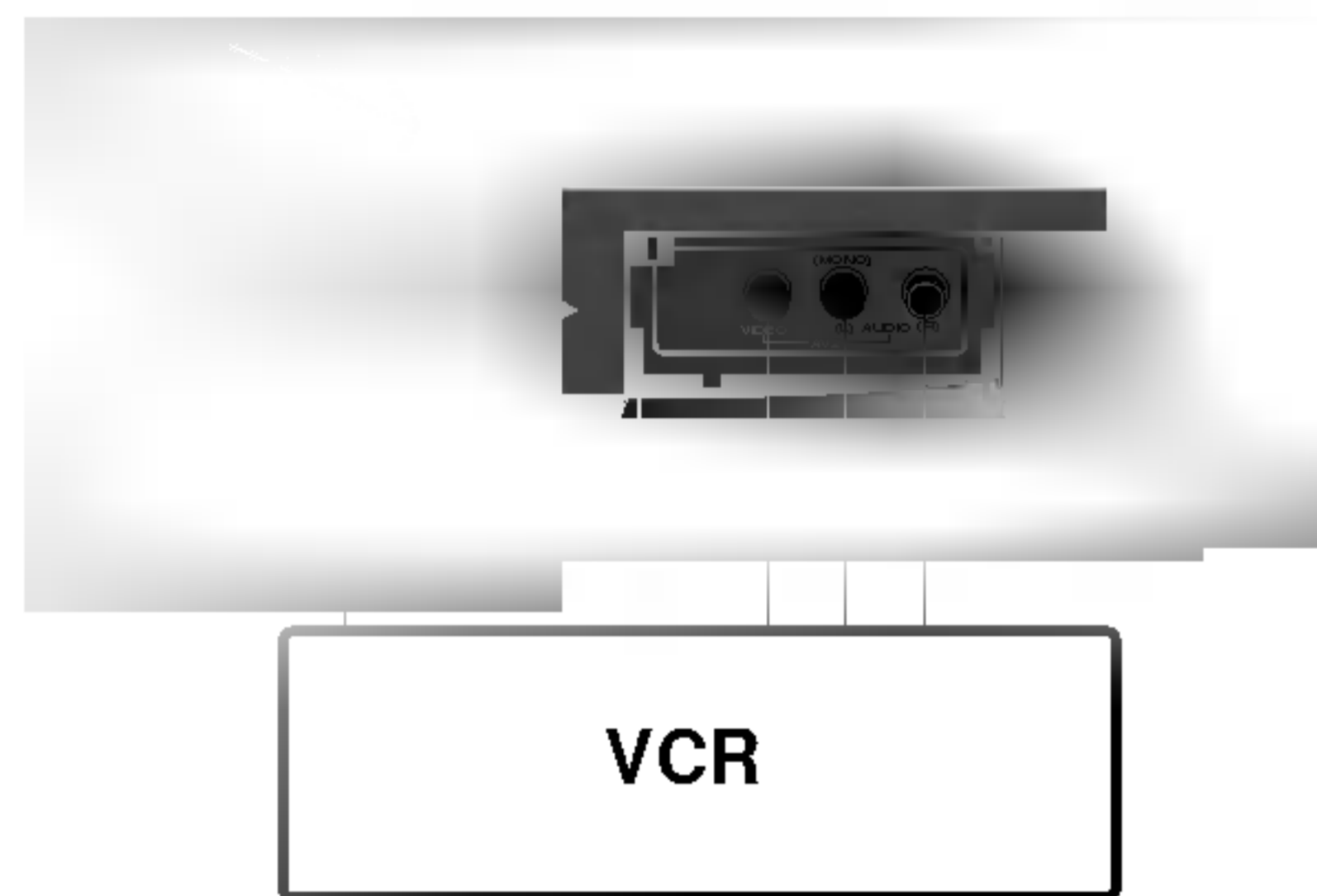
Aerial socket

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.



Euro scart socket (option)

1. Connect the Euro scart socket of the VCR to the Euro scart socket 1 of the set.
2. Press the **PLAY** button on the VCR.
If your VCR outputs a switching voltage the set will switch to AV1 mode automatically.
Otherwise press the **TV/AV** button on the remote control handset to select **AV 1**. The VCR playback picture appears on the screen.

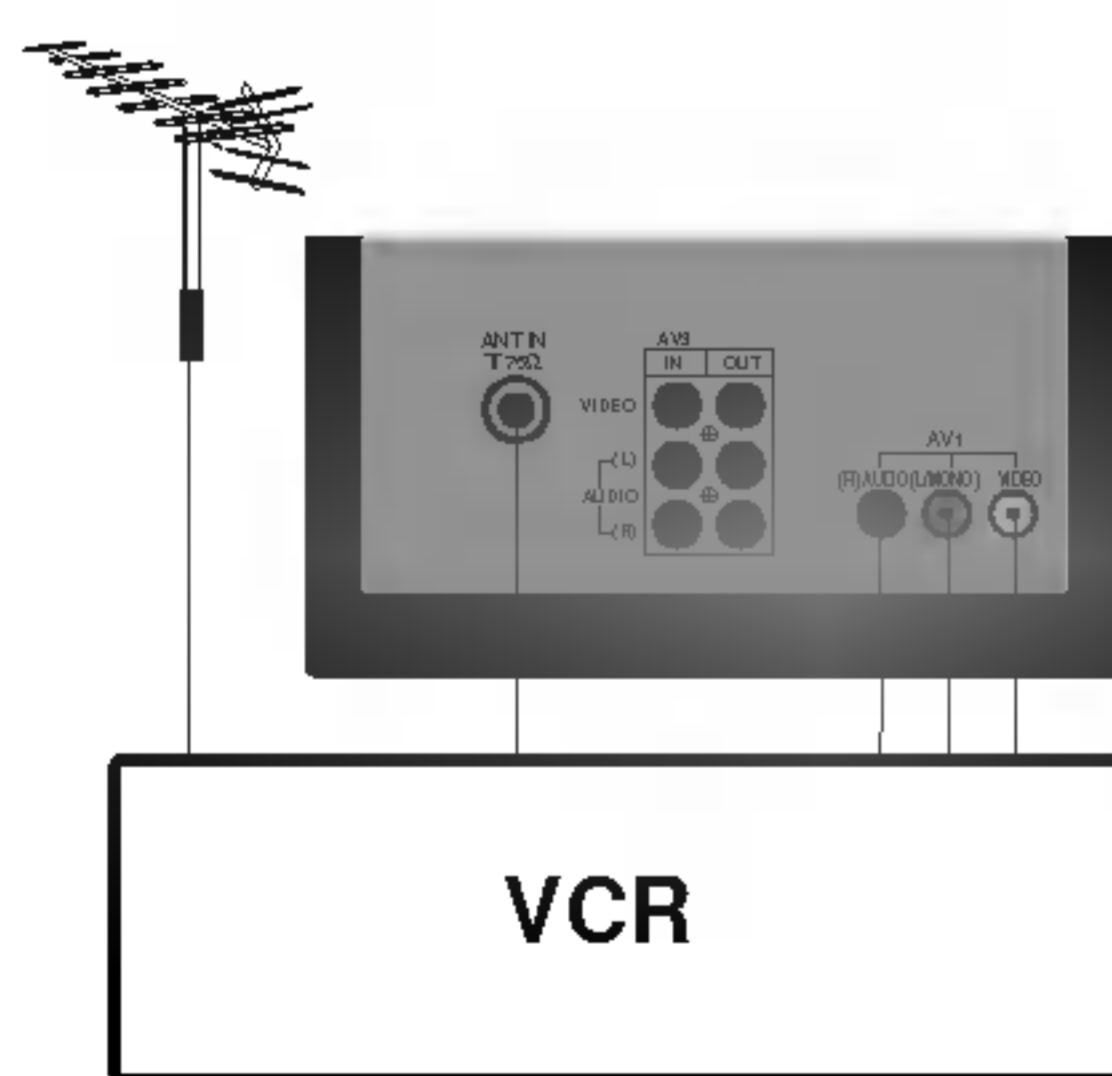
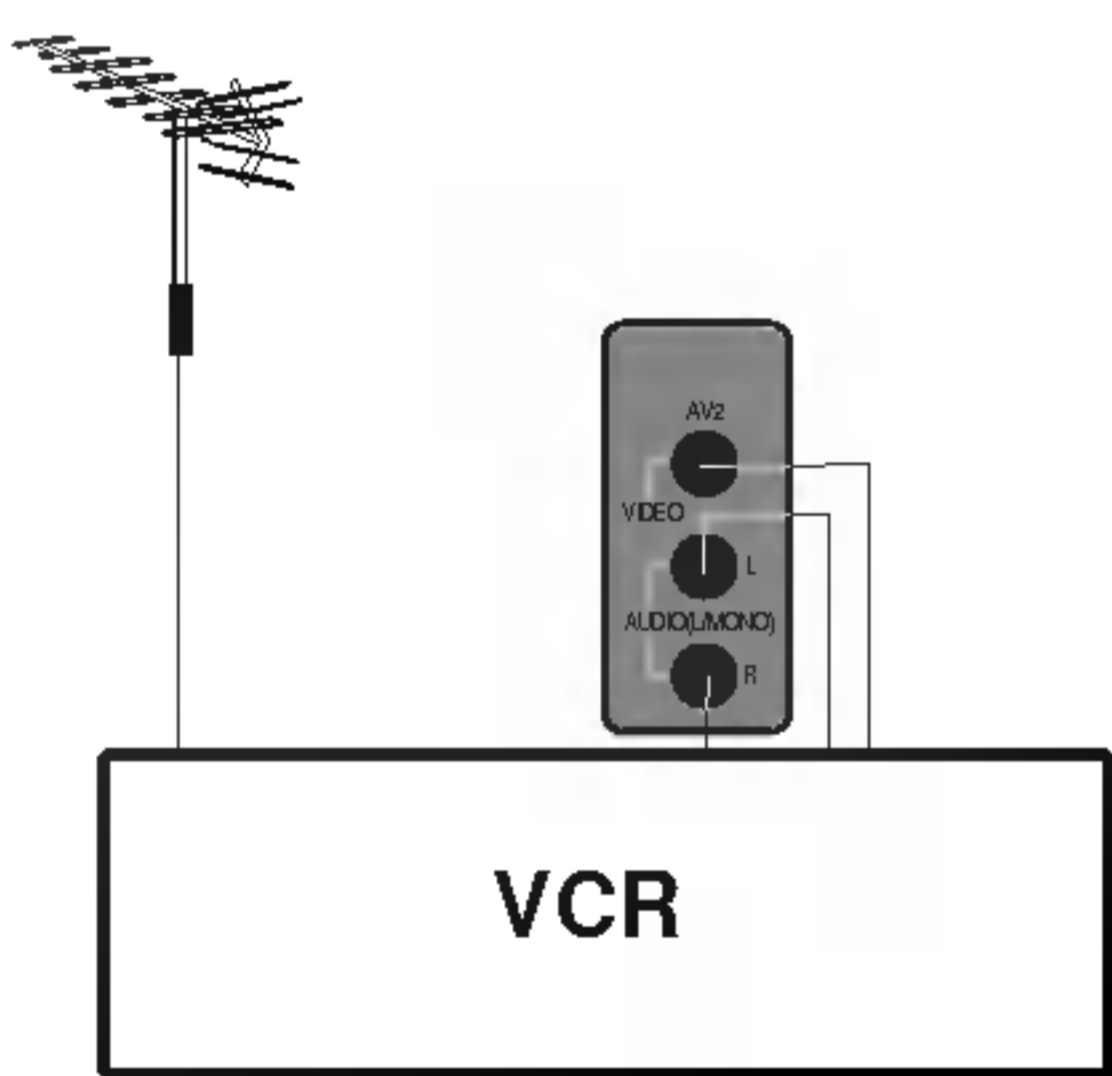


You can also record programmes received by the TV on video tape.

Note : Signal type RGB, i.e. the signals red, green and blue can only be selected for the Euro scart socket. These signals are transmitted, for example, by a computer, pay TV decoder, game machine or photo CD unit, etc.

Audio/Video in/out sockets

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 back, press the **TV/AV** button to select **AV 1** or **AV 3**. You should select **AV 2** if **AV2** sockets on the front or side panel are connected to the VCR.
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.

Connection of external equipment

S-video/Audio in sockets (S-AV) (option)

When connecting a S-VIDEO VCR to the **S-VIDEO** socket, the picture quality will be further improved.

1. Connect the S-video socket of the VCR to the **S-VIDEO** socket on the front panel of the set.
2. Connect the audio cable from the S-VIDEO VCR to the **AUDIO** sockets on the front panel of the set.
3. Select **AV 2** by pressing the **TV/AV** button repeatedly.
4. Press the **PLAY** button on the VCR.
The VCR playback picture appears on the screen.

Note :

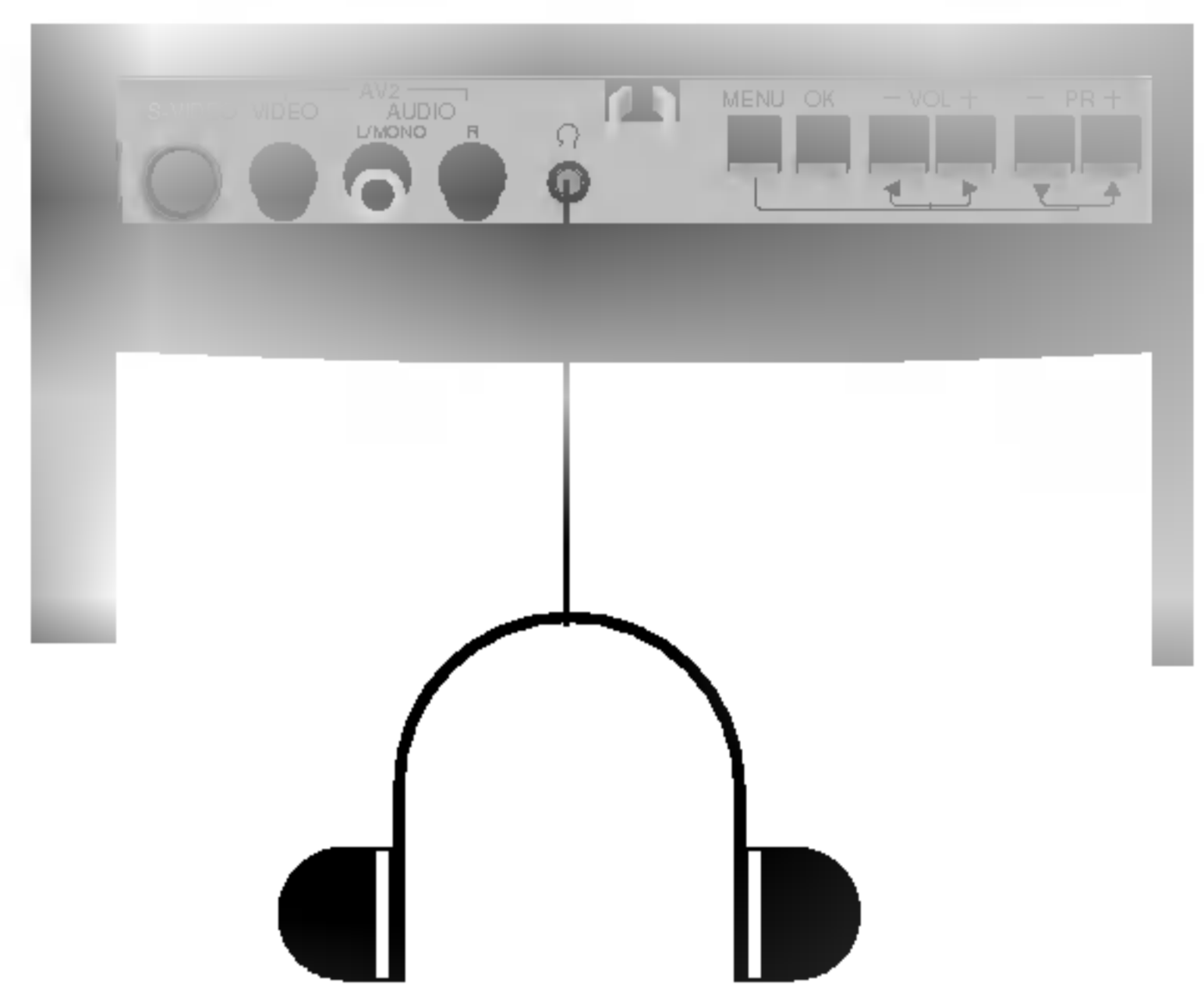
- a. **S-VIDEO** socket is optional function. Only a set with the **S-VIDEO** option can perform this function.
- b. If you have a mono VCR, connect the audio cable from the VCR to the **AUDIO (L/MONO)** socket on the control panel of the set.



Headphone socket (option)

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

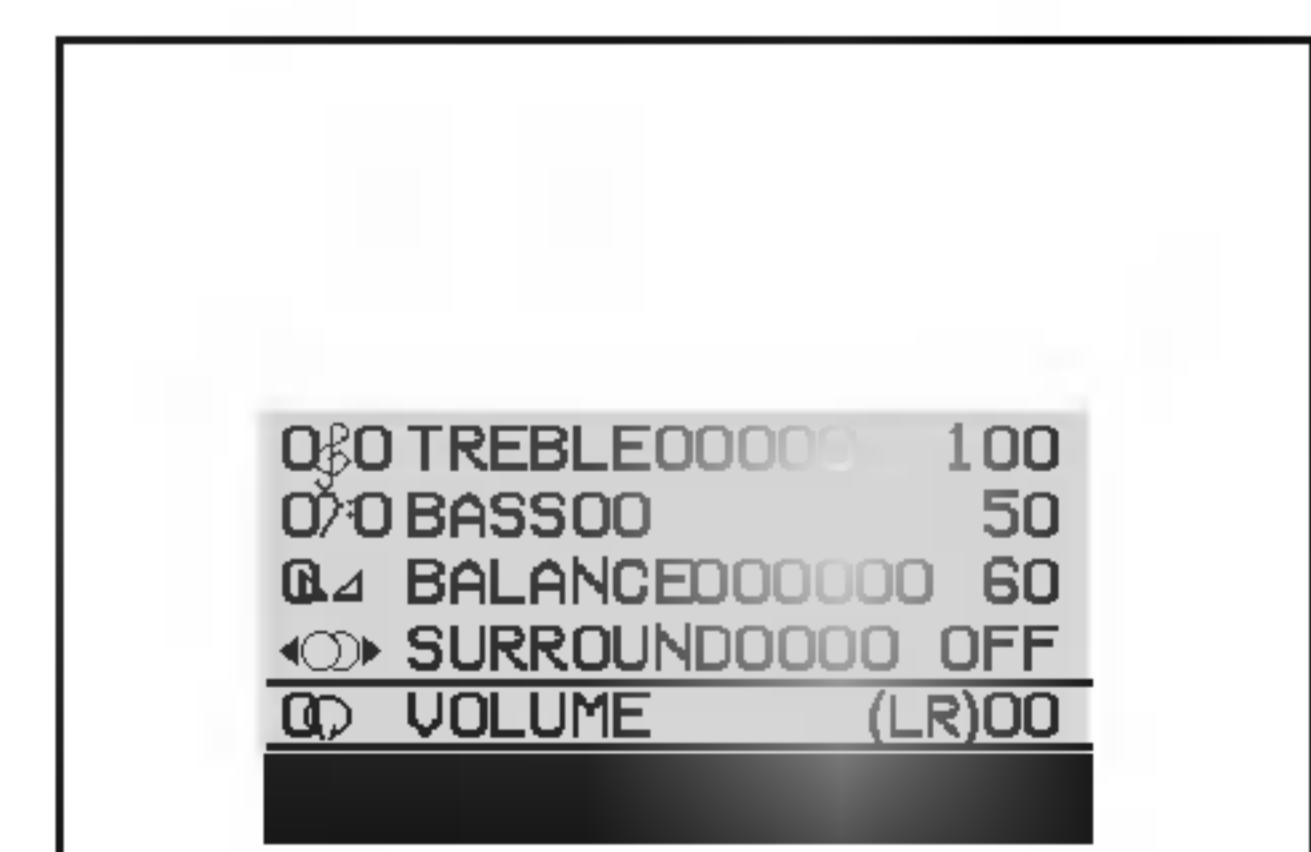
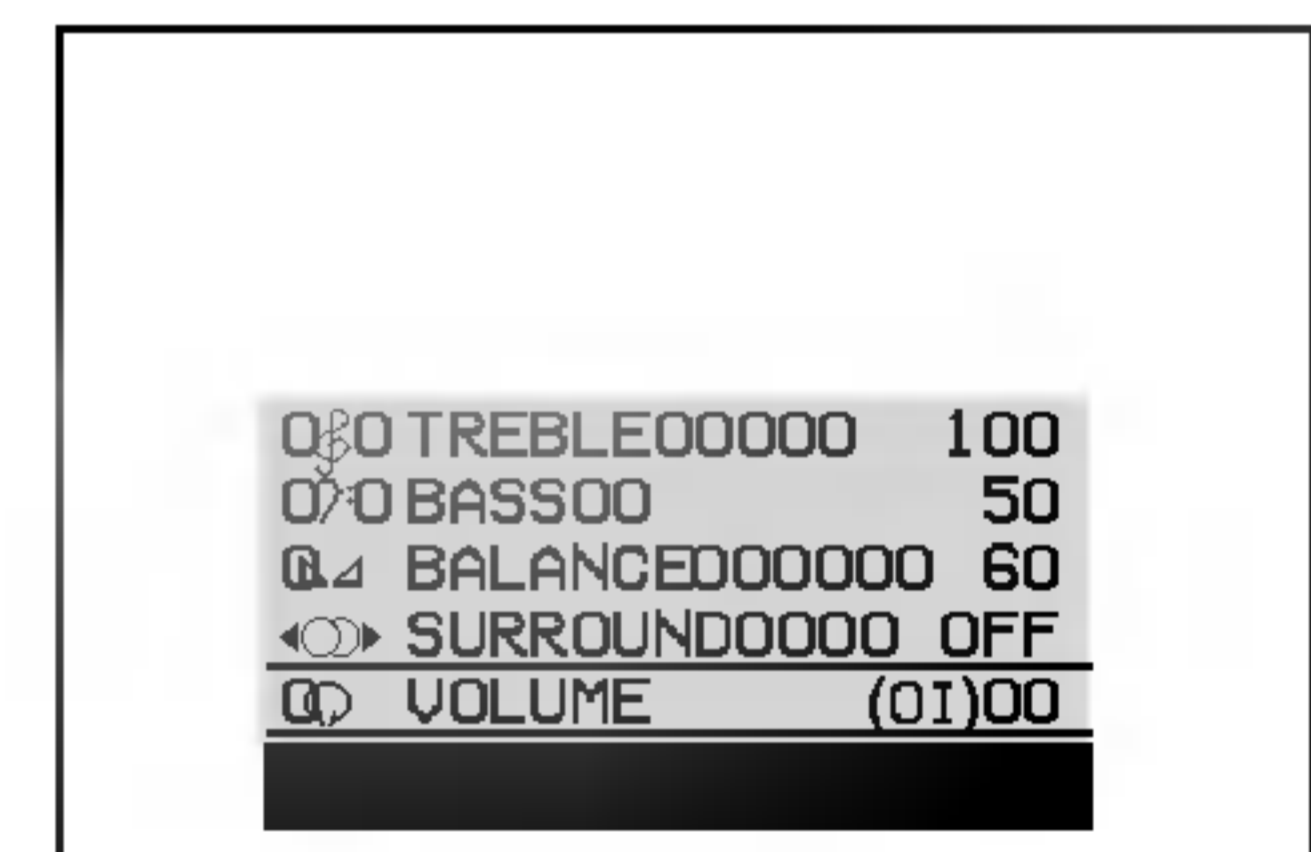
Insert the headphone plug to the headphone socket on the front panel. You can listen to the sound through the headphone and the TV's speakers. To adjust the headphone volume, see the 'Sound adjustment' section.



If you press the **MUTE** button, only the sound from the TV's speakers is switched off.

When a programme is received in dual language, you can select a language (**I**, **II** or **I II**) for the sound from the headphone regardless of that from the TV's speakers. In the Sound menu, press the **⏸** button to select **VOLUME** then **I/II** button to select the desired language; **I**, **II** or **I II**.

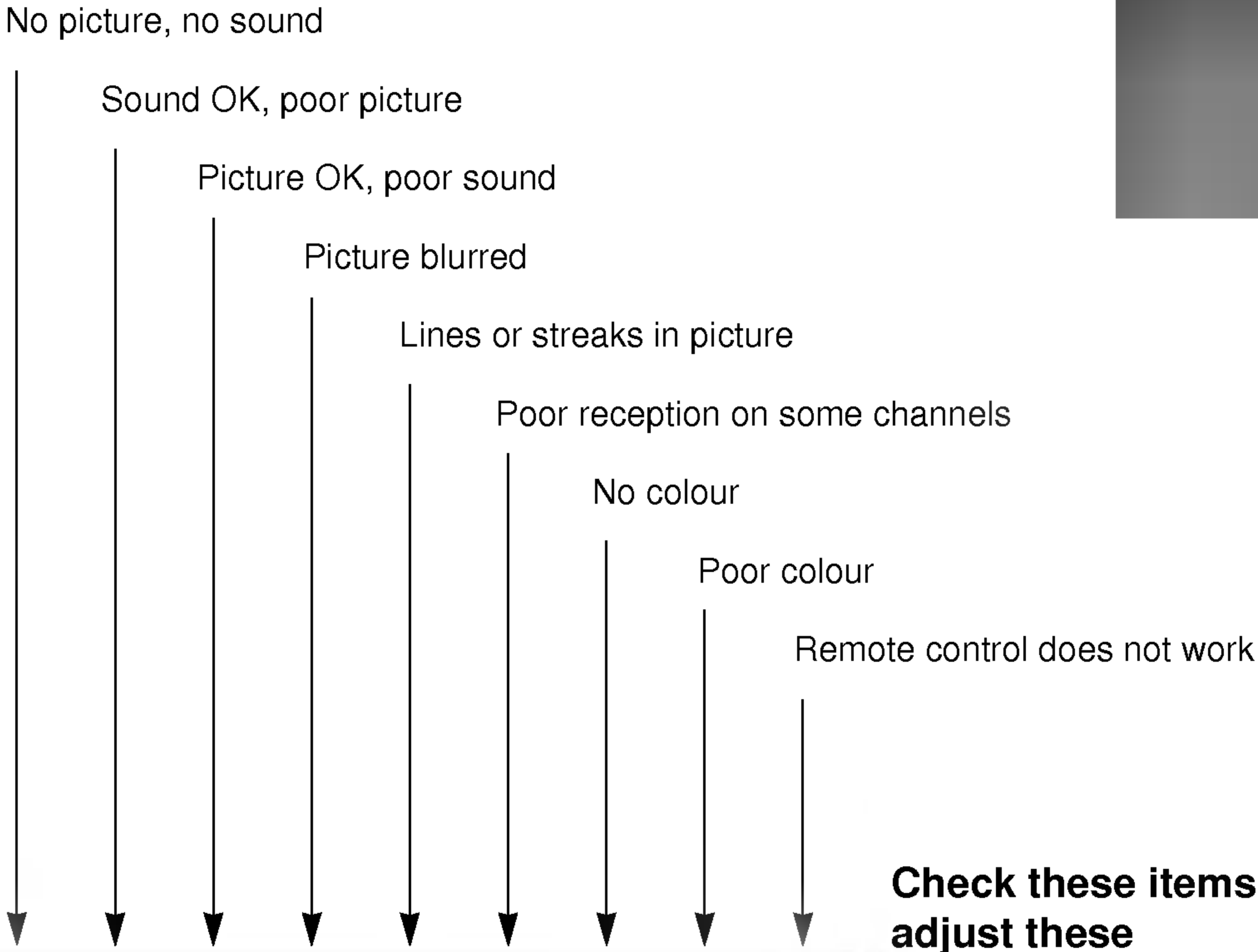
At this time if the set is in AV mode, the **I/II** button selects output sound; **LR**, **LL** or **RR**, in turn.



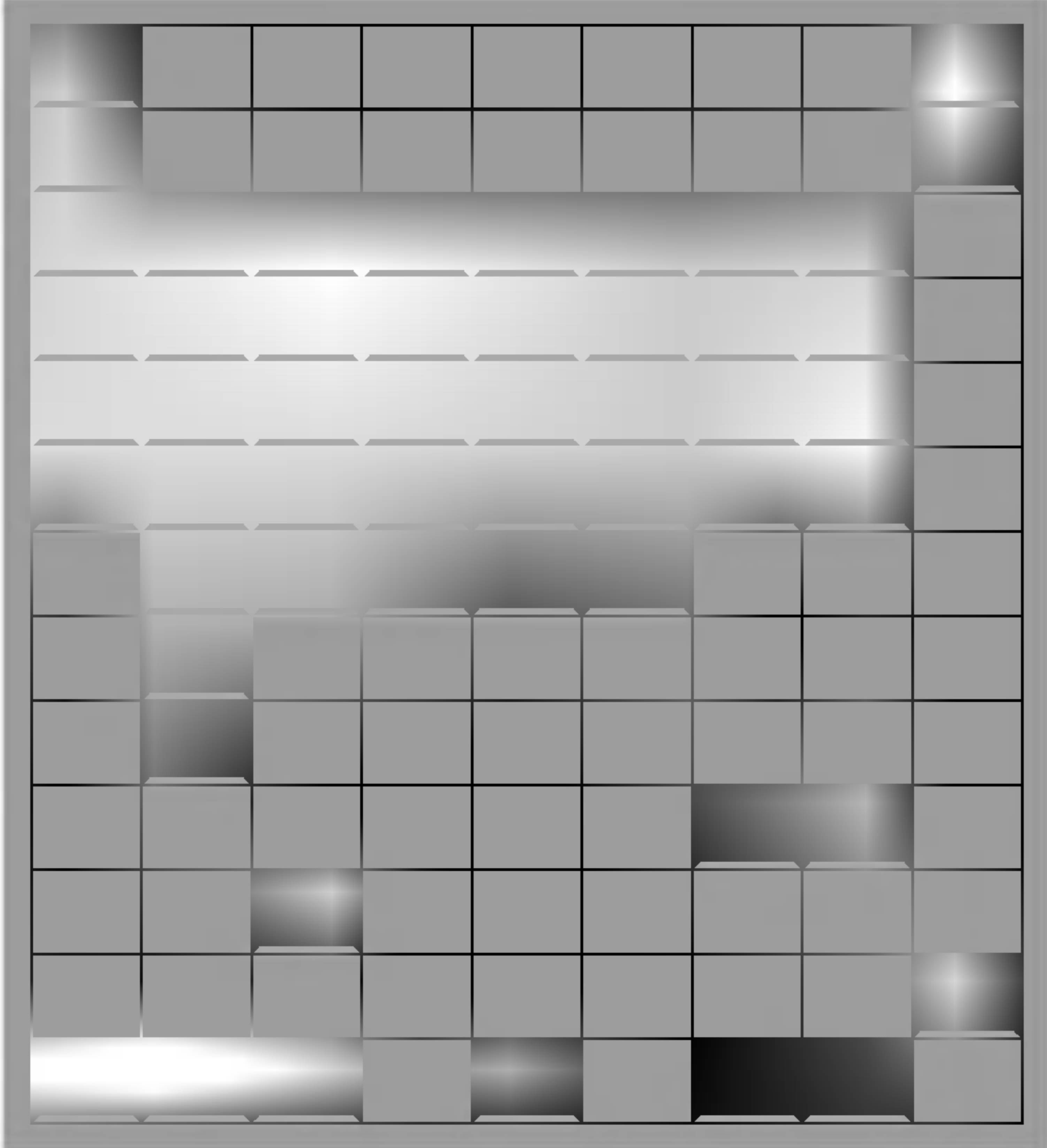
Troubleshooting check list

Contents

Symptoms



Check these 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)