Colour TVCR
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 : 3828VA[illegible]V995A, 032C/E TX)

Contents

Installation 3

Location and function of controls 4
- Remote control handset/Battery installation
- Front panel

Basic operation 7
- On and off
- Programme selection
- Volume adjustment
- Mute function
- Quick view
- On screen language selection (option)

On screen menus 8
- Menu selection

Setting up TV stations 9
- Auto programme tuning
- Manual programme tuning
- Fine tuning
- Programme edit

Picture adjustment 13
- Auto picture control
- Picture adjustment

Other functions 14
- TV and AV modes/Auto AV switching (option)
- Child lock/Auto sleep
- Auto repeat
- VCR colour system setting
- Sleep timer

Time setting 16
- Clock
- On/off time

VCR operation 17
- Playing tapes
- Tape tracking control
- Pause/still picture
- Fast forward, cue, rewind and review
- Clock/count selection
- Memory stop

Recording 20
- Manual recording
- Instant timer recording (ITR)
- Timer programme setting

Teletext (option) 22
- Switch on/off
- SIMPLE text/TOP text/FASTEXT
- Special teletext functions

Connection of external equipment 25
- Aerial socket
- Audio/Video in/out sockets (option)
- Euro scart socket (option)
- Headphone socket (option)

Troubleshooting check list 26

Installation

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 75Ω on the back cover. For the best reception an outdoor aerial should be used.

Location

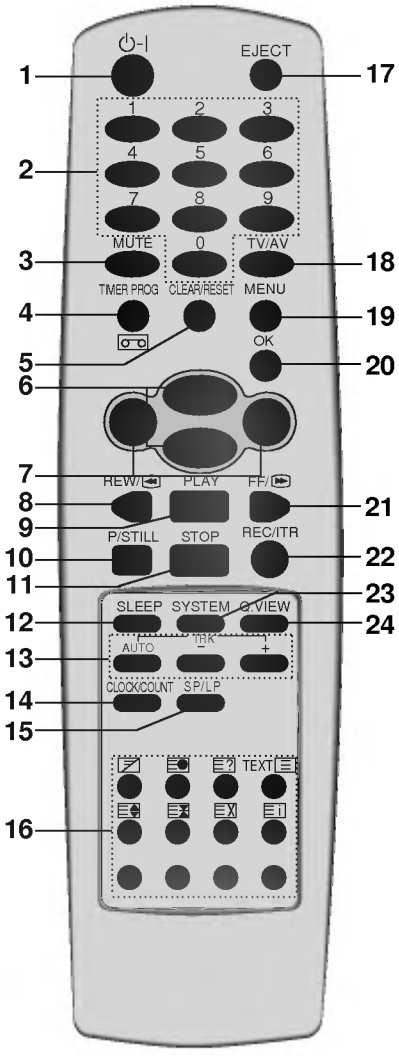
Position your set so that no bright light or sunlight falls directly onto the screen. Care should be taken not to expose the set to any unnecessary vibration, moisture, dust or heat. Also ensure that the set is placed in a position to allow a free flow of air. Do not cover the ventilation openings on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

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 next page.



(With TELETEXT)

1. ⏻-I **(POWER)**
   switches the set on from standby or off to standby.

2. **NUMBER BUTTONS**
   switch the set on from standby or directly select a number.

3. **MUTE**
   switches the sound on or off.

4. **TIMER PROG**
   displays the timer programme recording menu.

5. **CLEAR/RESET**
   resets the tape counter or clears a data in the **Timer programme** menu.

6. **▲ / ▼ (PROGRAMME UP/DOWN)**
   switches the set on from standby.
   selects a programme or a menu item.

7. **◀ / ▶ (VOLUME UP/DOWN)**
   adjusts the volume.
   adjusts menu settings.

8. **REW (REWIND/REVIEW)**
   rewinds the tape at high speed in the stop mode.
   reviews fast the tape during playback.

9. **PLAY**
   plays back the tape at normal speed.

10. **PAUSE/STILL**
    stops the tape temporarily during recording.
    displays a still picture during playback.

11. **STOP**
    stops the tape during playback or recording.

12. **SLEEP**
    sets the sleep timer.

13. **TRK AUTO, +/-**
    adjust the picture automatically or manually during playback.

14. **CLOCK/COUNT**
    displays the current time or tape counter.

15. **SP/LP**
    selects a recording tape speed SP or LP.

16. **TELETEXT BUTTONS (option)**
    These buttons are used for teletext.
    For further details, see the 'Teletext' section.

Location and function of controls

17. EJECT
ejects the tape.

18. TV/AV
selects a TV or AV mode.

19. MENU
selects a menu.

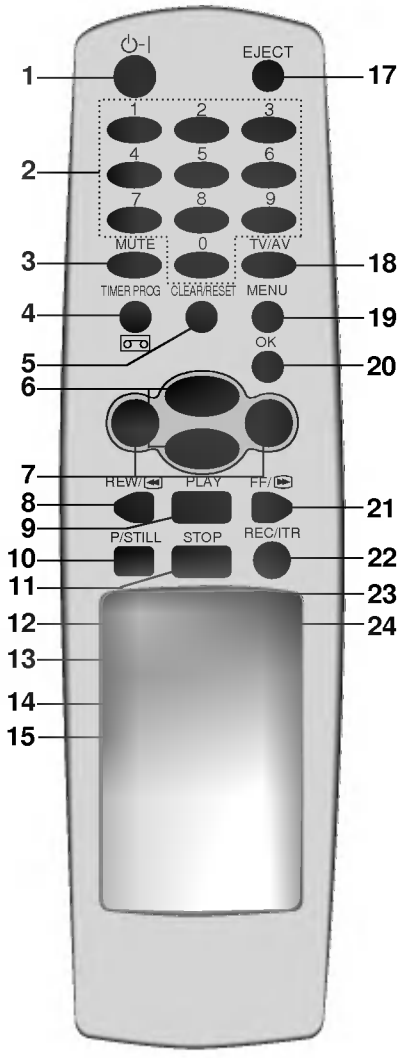
20. OK
accepts your selection or displays the current mode.

21. FF (FAST FORWARD/CUE)
winds the tape forward at high speed in the stop mode.
fast forward playback.

22. REC/ITR
starts a manual recording or instant timer recording.

23. SYSTEM
selects the desired VCR colour system.

24. QUICK VIEW
returns to the previously viewed programme.



(Without TELETEXT)

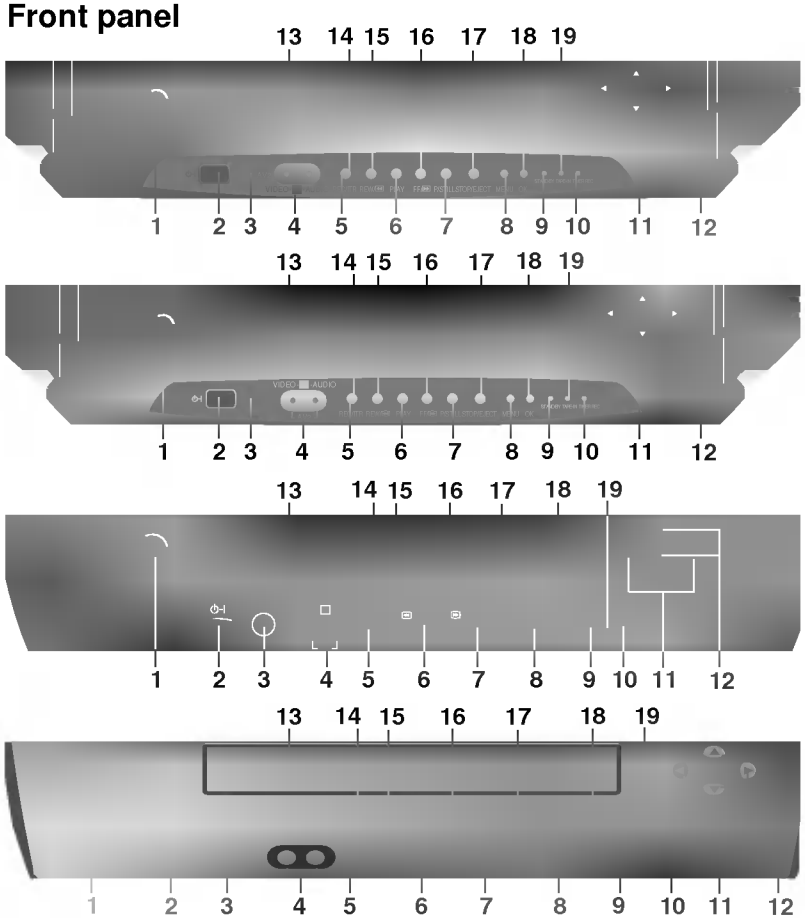
Battery installation

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.*

Location and function of controls

Front panel



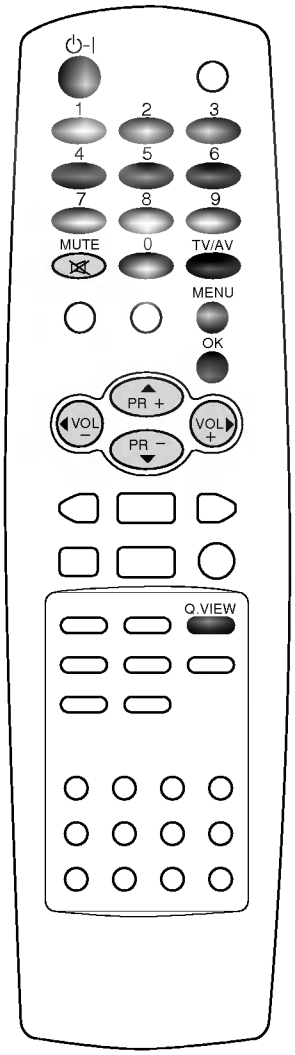
1. **MAIN POWER (ON/OFF)**
   switches the set on or off.
   ***Note** : One power line lives even when the main power is off.*
2. **POWER (⏻-I)**
   switches the set on from standby or off to standby.
3. **REMOTE CONTROL SENSOR**
4. **AUDIO/VIDEO IN SOCKETS (AV2)**
   Connect the audio/video out sockets of the external VCR to these sockets.
5. **REC/ITR**
   starts a manual recording or instant timer recording.
6. **PLAY**
   plays back the tape at normal speed.
7. **PAUSE/STILL**
   stops the tape temporarily during recording.
   displays a still picture during playback.
8. **MENU**
   selects a menu.
9. **STANDBY INDICATOR**
   illuminates red brightly when the set is in standby mode.
   dims red when the set is switched on.
10. **TIMER REC INDICATOR**
    illuminates red when the timer programme is set for recording.
11. **VOLUME UP/DOWN**
    adjusts the volume.
    adjusts menu settings.
12. **PROGRAMME UP/DOWN**
    switches the set on from standby.
    selects a programme or a menu item.
13. **CASSETTE COMPARTMENT**
    To insert a video cassette tape here.
14. **REC/ITR INDICATOR**
    illuminates red during recording.
15. **REW (REWIND/REVIEW)**
    rewinds the tape at high speed in the stop mode.
    reviews fast the tape during playback.
16. **FF (FAST FORWARD/CUE)**
    winds the tape forward at high speed in the stop mode.
    fast forward playback.
17. **STOP/EJECT**
    stops the tape during playback or recording or ejects the tape.
18. **OK**
    accepts your selection or displays the current mode.
19. **TAPE-IN INDICATOR**
    illuminates green while a video cassette tape is inserted.

Basic operation

On and off

1. Press the main power button on the front of the set to switch the set on.
2. If the set is in standby mode, press the ⏻-I (POWER), ▲ / ▼, **TV/AV** or NUMBER buttons to switch it on fully.
3. Press the ⏻-I (POWER) button. The set reverts to standby mode.
4. Press the main power button again to switch the set off.

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



Programme selection

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

Volume adjustment

Press the ◀ / ▶ button to adjust the volume.

Mute function

Press the **MUTE** button. The sound is switched off and the display 🔇 appears. You can cancel it by pressing the **MUTE** or ◀ / ▶ button.

Quick view

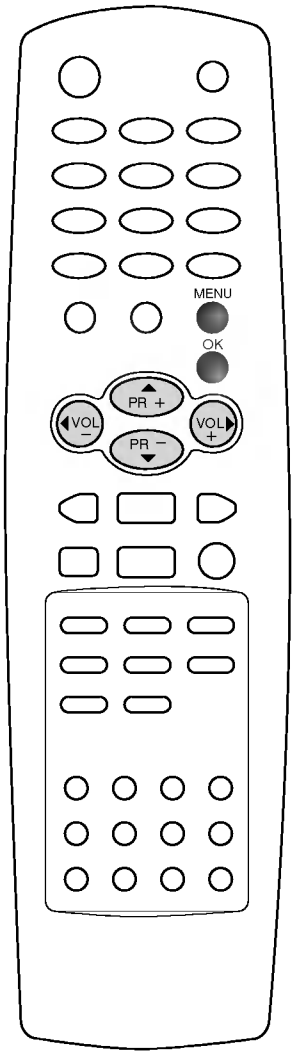
Press the **Q.VIEW** button to view the last programme you were watching.

On screen language selection (option)

This is an optional function. In the models which have on screen language function, the menu can be displayed on the screen in the desired language. First select your language.

1. Repeatedly press the **MENU** button to select MENU 3.
2. Press the ▲ / ▼ button to select **Language**.
3. Press the ◀ / ▶ button to select the desired language.
   All the on screen displays will appear in the selected language.
4. Press the **OK** button to return to normal TV viewing.

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

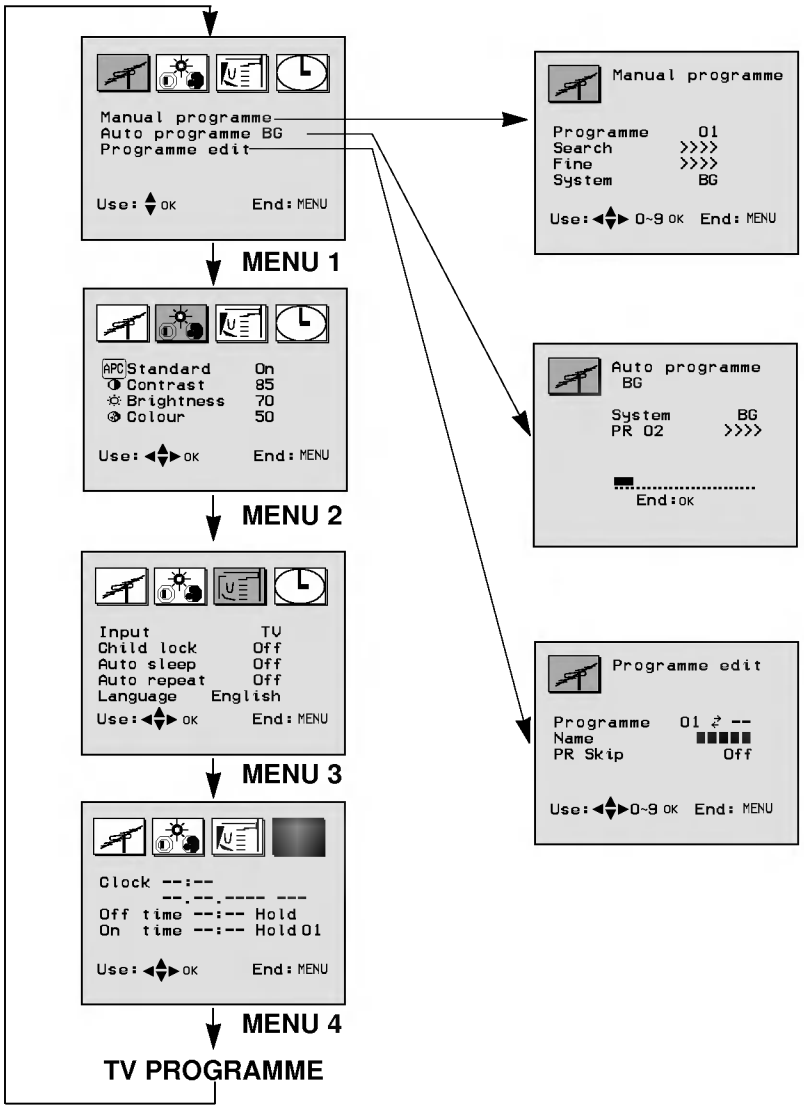
1. Repeatedly press the **MENU** button to display each menu.
2. Press the ▲ / ▼ button to select a menu item.
   The selected menu item changes from blue to purple.
3. Press the ◀ / ▶ button to set a menu item or **OK** button to display the sub menu.

Note :

*a. The menus automatically disappear in about 12 seconds if you do not press a button. However if you press the **MENU** button again, the last selected menu will appear.*

b. In the AV, playback or recording mode, MENU 1 is not displayed.

c. In the teletext mode, menus are not displayed.



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 ▲ / ▼ or NUMBER buttons to scan the stations you programmed.
Stations can be tuned using an automatic or a manual mode.

MENU 1

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. Repeatedly press the **MENU** button to select MENU 1.
2. Press the ▲ / ▼ button to select **Auto programme**.
3. Press the ◀ / ▶ button to select the beginning system **BG**, **I** or **DK**.
   BG : (Asia/New Zealand/M.East/Africa/Australia)
   I : (Hong Kong/South Africa)
   DK : (East Europe/China/Africa/CIS)

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

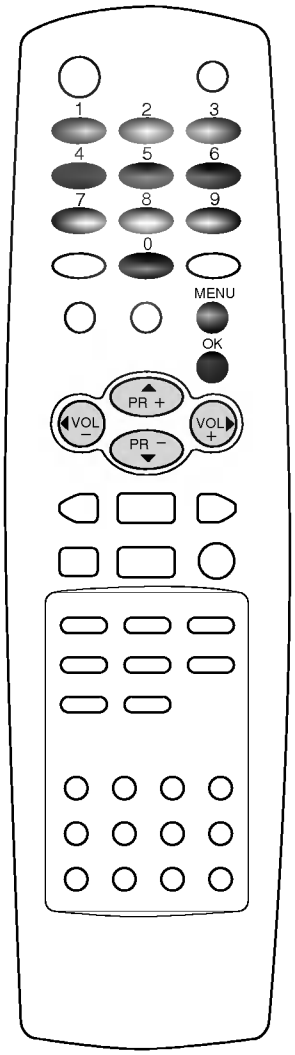
When auto programming is completed, the station stored into programme number 1 will appear on the screen.

To stop auto programming, press the **OK** button. The active programme at that time will be displayed.

Note :

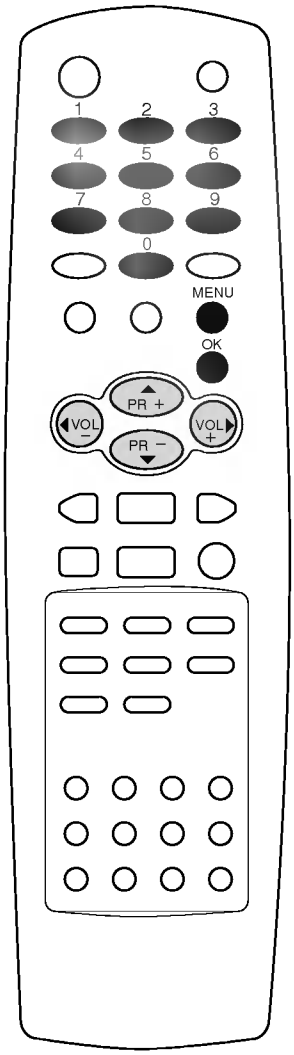
a. In some models, the station name may be stored for stations which broadcast VPS (Video Programme Service), PDC (Programme Delivery Control) or TELETEXT data. If no station name can be assigned to a station, the channel number is assigned and stored.

*b. Some undesired stations may be stored, such as noisy or unclear signals from distant transmitters. You can easily skip these stations by entering **Programme edit** mode.*



Setting up TV stations

MENU 1



Manual programme tuning

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

1. Repeatedly press the **MENU** button to select MENU 1.
2. Press the ▲ / ▼ button to select **Manual programme**.
3. Press the **OK** button to display the **Manual programme** mode.

4. Press the ▲ / ▼ button to select **Programme**. Select the desired programme number with the ◀ / ▶ 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 ▲ / ▼ button to select **System**. Press the ◀ / ▶ button to select **BG**, **I** or **DK** as required.
   BG : (Asia/New Zealand/M.East/Africa/Australia)
   I : (Hong Kong/South Africa)
   DK : (East Europe/China/Africa/CIS)
6. Press the ▲ / ▼ button to select **Search**. Press the ◀ / ▶ button to commence searching. If a station is found the search will stop.
7. If this station is the one required press the **OK** button, if not press the ◀ / ▶ button again.
8. Press the **OK** button. The display **Stored** will appear.
9. To store another station repeat steps 4 to 8.
10. Repeatedly press the **MENU** button to return to normal TV viewing.

Fine tuning

Normally fine tuning is only necessary if reception is poor.

1. Repeat steps 1 to 3 above.
2. Press the ▲ / ▼ button to select **Fine**.
3. Press the ◀ / ▶ button to fine tune for the best picture and sound.
4. Press the **OK** button. The display **Stored** will appear.
5. Repeatedly press the **MENU** button to return to normal TV viewing.
   The finely tuned programme will be indicated by yellow number during programme selection.

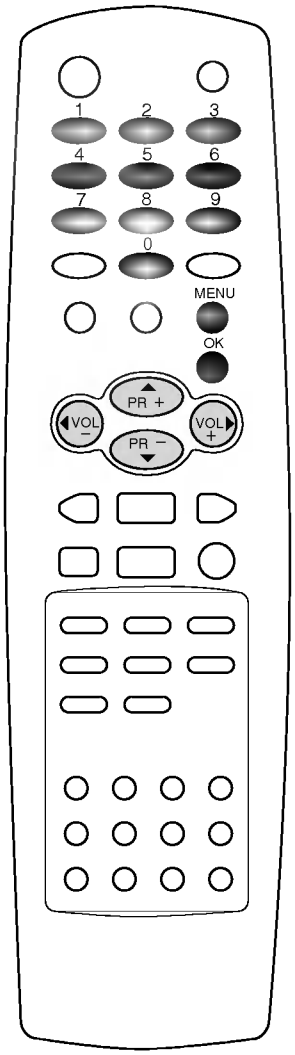
Setting up TV stations

Programme edit

MENU 1

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 select MENU 1.
2. Press the ▲ / ▼ button to select **Programme edit**.
3. Press the **OK** button, and the **Programme edit** mode will appear.



Exchanging programmes

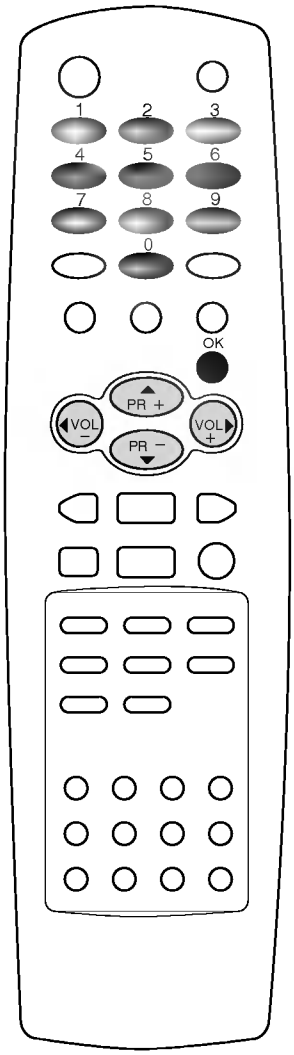
1. Press the ◀ / ▶ button to change the left hand programme number. The viewing station corresponding to the new programme number is shown on the screen.
2. Press the NUMBER buttons to select the desired right hand programme number. Any number under 10 is entered with a numeric '**0**' in front of it, 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.

Assigning a station name

1. Select the programme to which you want to assign a station name with the ◀ / ▶ button.
2. Press the ▲ / ▼ button to select **Name**.
3. Select a character position with the ◀ / ▶ button.
4. To select your desired first character, press the ▲ button several times or continuously. The■ will blink, followed by the alphabet **A** to **Z**, **a** to **z**, the numeric **0** to **9**, **–**, **+**, **.** in turn. With the ▼ button you can select in the opposite direction.
5. Select the next position by pressing the ▶ button and then take your choice of the second character, and so on.
6. Press the **OK** button.
7. Repeat steps 1 to 6 to assign another station name.

Setting up TV stations

MENU 1



Skipping a stored programme

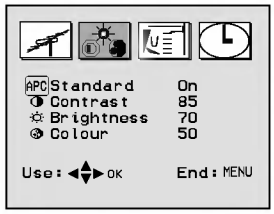
1. Press the ◀ / ▶ button to select the programme you want to skip.
2. Press the ▲ / ▼ button to select **PR Skip**.
3. Press the ◀ / ▶ button to select **On** or **Off**.
   If you select **On**, the selected station is skipped.
4. Press the **OK** button.
5. Repeat steps 1 to 4 to skip another programme.

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 : *You cannot skip the programme number 1.*

Picture adjustment

Auto picture control



MENU 2

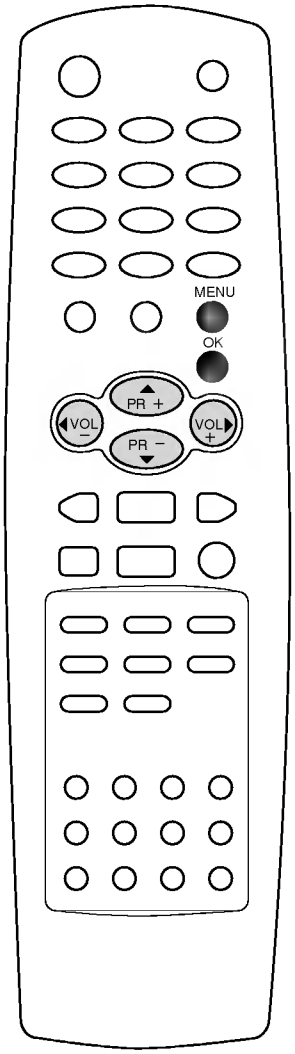
If you want to select the standard picture, select **Standard On**. The **Standard** picture is programmed for good picture reproduction at the factory and cannot be changed.

1. Repeatedly press the **MENU** button to select MENU 2.
2. Press the ▲ / ▼ button to select **APC Standard**.
3. Press the ◀ / ▶ button to select **On**.
4. Press the **OK** button to return to normal TV viewing.

Picture adjustment

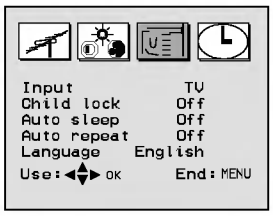
You can adjust picture contrast, brightness, colour intensity and tint (NTSC 4.43 AV only) to the levels you prefer.

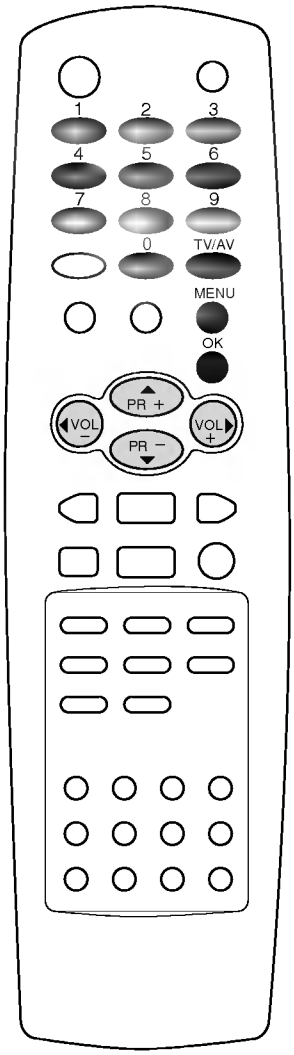
1. Repeatedly press the **MENU** button to select MENU 2.
2. Press the ▲ / ▼ button to select the desired picture item.
3. Press the ◀ / ▶ button to make appropriate adjustments.
4. Press the **OK** button to return to normal TV viewing.



Other functions

MENU 3





TV and AV modes

Inputs can be set for TV or AV mode. AV mode is used when an external VCR or other equipment is connected to the set.

Note : *When an external equipment is connected via the aerial socket the set is used in TV mode. See the 'Connection of external equipment' section.*

1. Repeatedly press the **MENU** button to select MENU 3.
2. Press the ▲ / ▼ button to select **Input**.
3. Press the ◄ / ► button to select **TV**, **AV1** or **AV2**.
   The two AV modes are :
   AV 1 : VCR connected to the **AV1** on the back
   AV 2 : VCR connected to the **AV2** sockets on the front
4. Press the **OK** button.

To return to TV mode from AV mode, press the ▲ / ▼ or NUMBER buttons.

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

Auto AV switching (option)

If your VCR outputs switching voltage when it is switched to playback with the VCR connected to the Euro scart socket. The set is automatically switched to **AV 1** mode when an AV signal is input. But if you want to keep on watching TV mode, press the ▲ / ▼ or NUMBER buttons.
Press the **TV/AV** button to return to AV modes.

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 unauthorized viewing.

1. Repeatedly press the **MENU** button to select MENU 3.
2. Press the ▲ / ▼ button to select **Child lock**.
3. Press the ◄ / ► button on the remote control handset to select **On**.
4. Press the **OK** 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 automatically switches itself to standby mode approximately 10 minutes after a TV station stops broadcasting.

1. Repeatedly press the **MENU** button to select MENU 3.
2. Press the ▲ / ▼ button to select **Auto sleep**.
3. Press the ◄ / ► button to select **On**.
4. Press the **OK** button to return to normal TV viewing.

Auto repeat

To play back the tape repeatedly, select **Auto repeat On**.

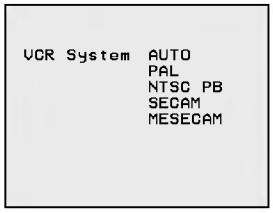
1. Repeatedly press the **MENU** button to select MENU 3.
2. Press the ▲ / ▼ button to select **Auto repeat**.
3. Press the ◄ / ► button to select **On**.
4. Press the **OK** button to return to normal TV viewing.

Other functions

VCR colour system setting

You can adjust the VCR colour system. Under normal circumstances, select **AUTO**. If necessary (if input signal is weak), change the colour system by using the instructions below.

1. Press the **SYSTEM** button. The **VCR System** mode will appear.



2. Repeatedly press the **SYSTEM** button to select the correct system.

   Option:
   In some models, **MESECAM/SECAM** is an optional function. Only a set with **MESECAM/SECAM** can perform this function.

Note :
a. ***NTSC PB*** *is for playback only. You cannot record NTSC signals.*
b. *If the picture is no colour during playing back a MESECAM video cassette tape in* ***AUTO****, select* ***MESECAM*** *instead of* ***AUTO****.*

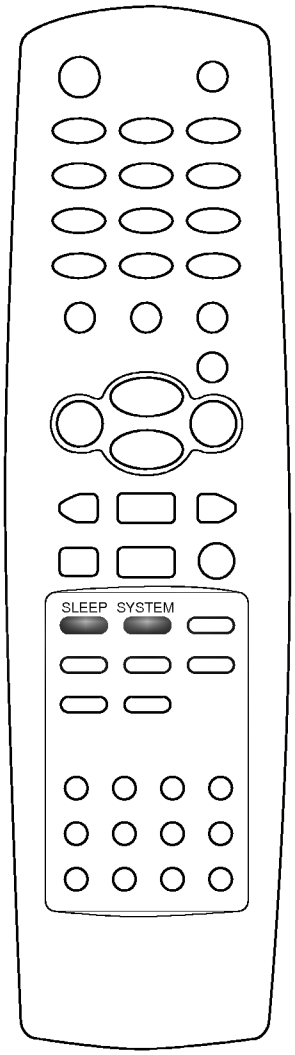
Sleep timer

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

To select the number of minutes, repeatedly press the **SLEEP** button. **---** will appear on the screen, followed by **10**, **20**, **30**, **60**, **90**, **120**, **180** and **240**.

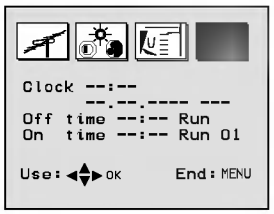
The timer begins to count down from the number of minutes selected.

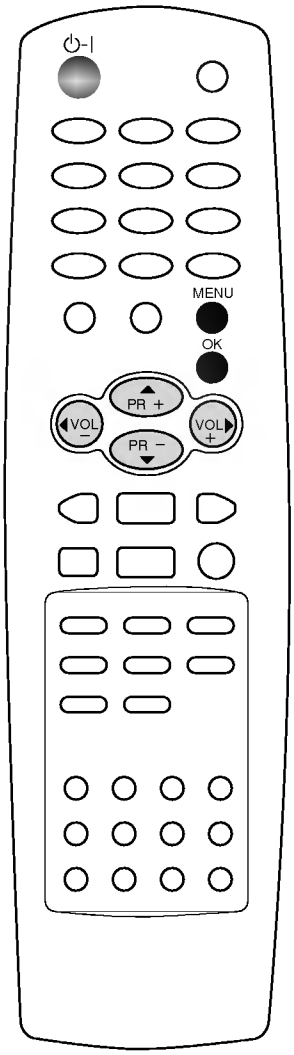
Note :
a. *To view the remaining sleep time, press the* ***SLEEP*** *button once.*
b. *To cancel the sleep time, repeatedly press the* ***SLEEP*** *button until the display* ***Sleep*** *--- appears.*
c. *When you switch the set off, the set releases the preset sleep time.*



Time setting

MENU 4





Clock

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

1. Repeatedly press the **MENU** button to select MENU 4.
2. Press the ▲ / ▼ button to select **Clock**.
3. Select and adjust hour and minute by pressing the ◀ / ▶ and ▲ / ▼ button.
4. Select and adjust the day, the month and the year by pressing the ◀ / ▶ and ▲ / ▼ button. The day of the week is automatically displayed.
5. Press the **OK** button to start.
6. Press the **MENU** button to return to normal TV viewing.

Note :

a. The clock operates for at least 10 minutes, if the power is switched off or there is a power interruption (disconnection or power failure).

b. If you have already set the timer programme, you cannot reset the clock. To reset the clock, first cancel timer programme settings.

On/off time

By using this function, the set automatically switches on or off at a preset time. You must set the time correctly before using on/off time function.

1. Repeatedly press the **MENU** button to select MENU 4.
2. Press the ▲ / ▼ button to select **Off time** or **On time**.
3. Select and adjust hour and minute by pressing the ◀ / ▶ and ▲ / ▼ button.
4. Select and adjust **Run** or **Hold** by pressing the ◀ / ▶ and ▲ / ▼ button.
5. Select and adjust the programme number by pressing the ◀ / ▶ and ▲ / ▼ button.
6. Press the **OK** button to start.
7. Press the **MENU** button to return to normal TV viewing.

For off time, please note the absence of programme number.

Note :

a. In the event of power interruption (disconnection or power failure), the clock must be reset.

b. If the same time is set for the on time and the off time, only the off time operates.

c. This set must be put into standby mode with the ⏻-I button to operate the on time function.

d. If the on time function activates, the set will automatically switch to the on time programme number, even during viewing.

e. Two hours after the set is switched on by the on time function it will automatically switch back to standby mode unless a button has been pressed.

f. Once the on or off time is set, these functions operate daily at the preset time.

VCR operation

Playing tapes

To play back a VHS video cassette tape which has no safety tab in position (this means you cannot record on to it), insert it into the set in the standby mode.
The set will at once switch itself on and perform the following sequence by itself:

PLAY → STOP → REWIND → EJECT

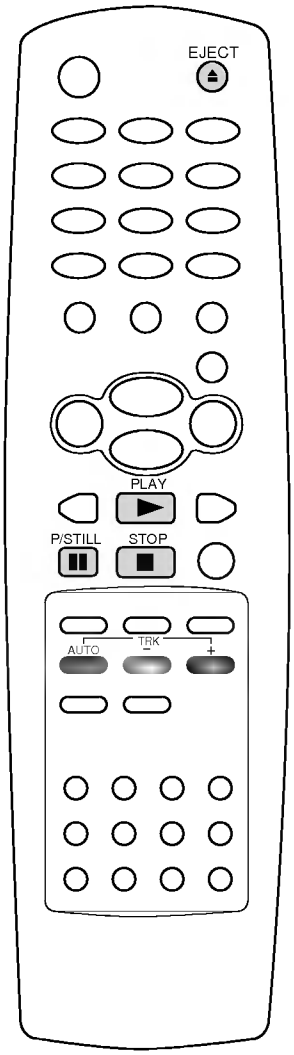
To play back a VHS video cassette tape which has its safety tab in position (this means that you have recorded on it and left the tab untouched), insert it into the set in the standby mode.
Now you must press the **PLAY** button.

To stop playback, press the **STOP/** ■ button.

To take out the tape, press the **EJECT/**⏏ button.

Note :

a. *During* ***Timer programme*** *set, if you try to insert a video cassette tape without a safety tab in standby mode, the tape will automatically be ejected.*
b. *If you have already set* ***Auto repeat*** *to* ***On*** *in MENU 3, the tape will play back repeatedly.*
c. *In some models, only SP (Standard Play) speed is available.*



Tape tracking control

Tracking ensures that the tape is correctly aligned with the playback head. It works only during playback and its principal purpose is to minimize picture shake and noise (fuzzy lines across the picture). It is adjusted automatically or manually.

Auto tracking

Whenever playback starts, auto tracking automatically adjusts the picture. The display A.TRK will appear while the best picture is selected.
To reactivate auto tracking, press the **AUTO TRK** button on the remote control handset.

Manual tracking

You can manually adjust the picture by pressing the **TRK +/-** buttons.

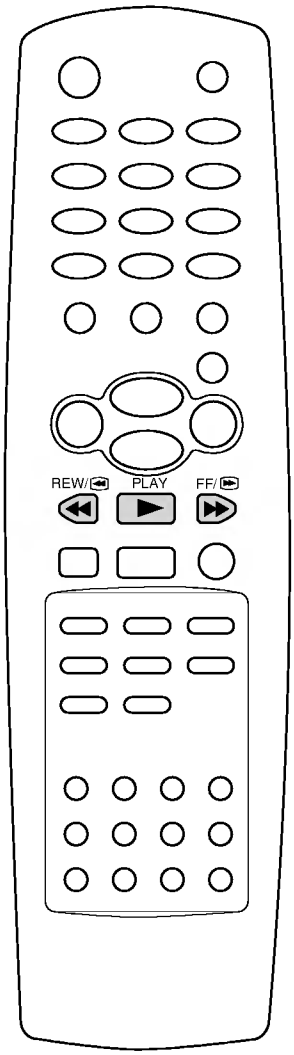
Pause/still picture

To temporarily pause playback, press the **P/STILL** button. A still picture and the display ▮▮ will appear on the screen.
If a still picture lasts for more than five minutes, the set will switch to the stop mode to protect the tape and the video heads.
To restart play back, press the **PLAY** button.

To temporarily stop recording, press the **P/STILL** button. The display ●▮▮ will appear. Press this button again to continue recording.

VCR operation

Fast forward, cue, rewind and review



Forward search

Press the **FF/** button during playback.

The display will appear and the tape plays faster than normal speed. Press the **PLAY** button to return to normal speed.

Pressing the **FF/** button in the stop mode winds the tape forward at high speed. Then the display ▶▶ will appear on the screen.

If you press and hold the **FF/** button in this mode, the searching picture will appear. This enables you to see what is on the tape. To return to the FF mode, release the **FF/** button.

If the tape winds forward to the end, it will automatically stop, rewind to the beginning and then eject the tape.

Reverse search

Press the **REW/** button during playback.

The display will appear and the tape will play in reverse faster than normal speed. Press the **PLAY** button to return to normal playback.

Pressing the **REW/** button in the stop mode rewinds the tape backward at high speed. Then the display ◀◀ will appear on the screen.

If you press and hold the **REW/** button in this mode, the searching picture will appear. This enables you to see what is on the tape. To return to the REW mode, release the **REW/** button.

Note : *Sound is automatically muted during these operations.*

VCR operation

Clock/count selection

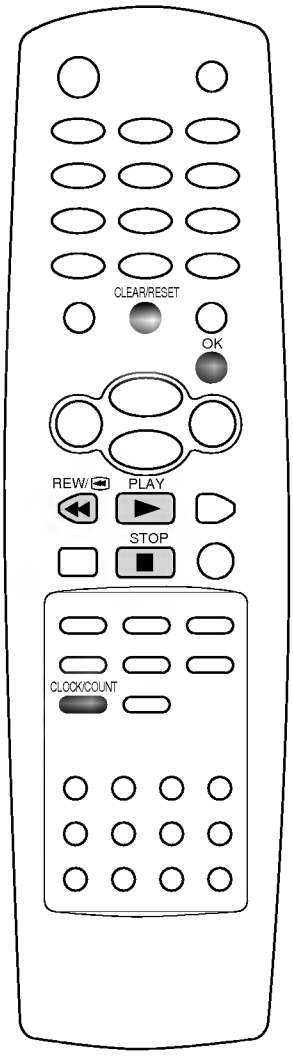
Each time the **CLOCK/COUNT** button is pressed, the current time and the tape counter appears alternately.
The tape counter displays the tape travel time in hours, minutes and seconds during recording and playback.

Note : *To reset the counter to* ***0:00:00****, press the* ***CLEAR/ RESET*** *button.*

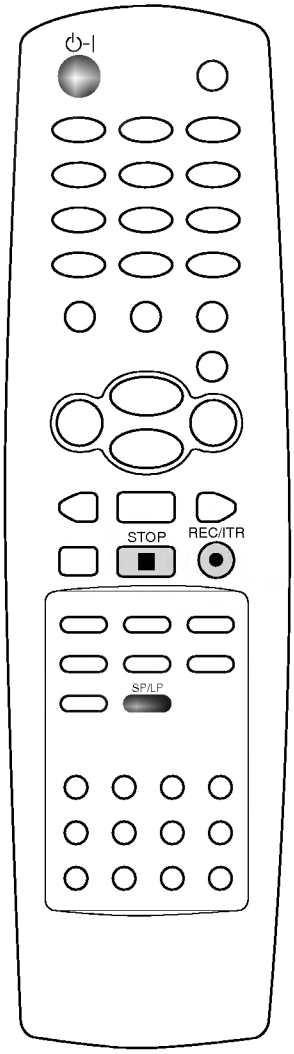
Memory stop

The memory stop makes it easy to return to a particular spot on the tape after recording or playback. The tape automatically stops when the counter reaches **M 0:00:00**.

1. Start recording or playback.
2. Press the **OK** button twice to keep on displaying the current time or the tape counter.
3. Press the **CLOCK/COUNT** button to display the tape counter.
4. Press the **CLEAR/RESET** button at the point you want to review. The counter displays **M 0:00:00**.
5. Press the **STOP** button when you finish recording or playing the tape.
6. Press the **REW/**⏪ button. The tape stops at the point **M 0:00:00**.
7. Press the **PLAY** button to play back the tape.



Recording



Manual recording

This is the function used to record a TV programme or signal from external equipment onto a video cassette tape. The set cannot record any programme in the NTSC system as the NTSC system is only for playback.

1. Insert a tape with the safety tab into the cassette compartment.
   Note : *Select the recording tape speed* ***SP*** *or* ***LP*** *with the* ***SP/LP*** *button after inserting a tape with the safety tab.*
   You'd better select the tape speed ***SP****.*
2. Press the **REC/ITR** button once. The display ⏺ appears on the screen. The REC/ITR indicator will illuminate.
3. When the desired recording is completed, press the **STOP/** ■ button. If the tape reaches the end before you press the **STOP/** ■ button, the set automatically stops, rewinds to the beginning and ejects the tape.

Note :

a. If you try to record a tape without a safety tab, it will be automatically ejected to prevent accidental erasure. If you want to use the tape without the safety tab, stick a small piece of tape over the safety tab hole.

b. If you don't wish to monitor while recording, press the ⏻-I button.

WARNING

Unauthorized recording of copyrighted programmes, films, video tape and other materials may infringe upon the right of copyright owners and be contrary to copyright laws.

Instant timer recording (ITR)

This function is convenient when you want to start recording immediately without going through the entire timer setting procedure. You don't have to set the time to use this function.

1. Insert a tape with a safety tab.
2. Press the **REC/ITR** button twice.
   The display ⏺ will appear with the recording programme number. ITR **0:00**
3. Repeatedly press the **REC/ITR** button to set the recording length, which appears on the screen. You can select up to 9 hours at 30-minute intervals.

After recording for the preset time, the set switches to standby.

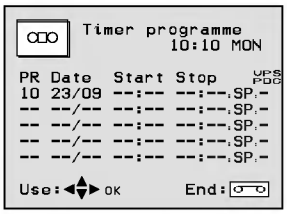
To cancel the ITR function, press the **REC/ITR** button until the display ITR **0:00** appears.

Recording

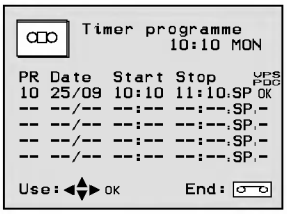
Timer programme setting

You can programme the set to start and end recording while you are away. Up to 5 recordings within one month can be programmed at the same time.

1. Press the **TIMER PROG** button on the remote control handset to display the **Timer programme** menu. The current time and the day of the week automatically appears under the display **Timer programme**.
2. Press the ▲ / ▼ button to select a recording item.
3. Select **PR** with the ▶ button and set the programme number with the ▲ / ▼ button.
4. Select **Date** with the ▶ button and set a Day/Month with the ▲ / ▼ button.
   If the date is September 23, the **Timer programme** mode appears as shown below.



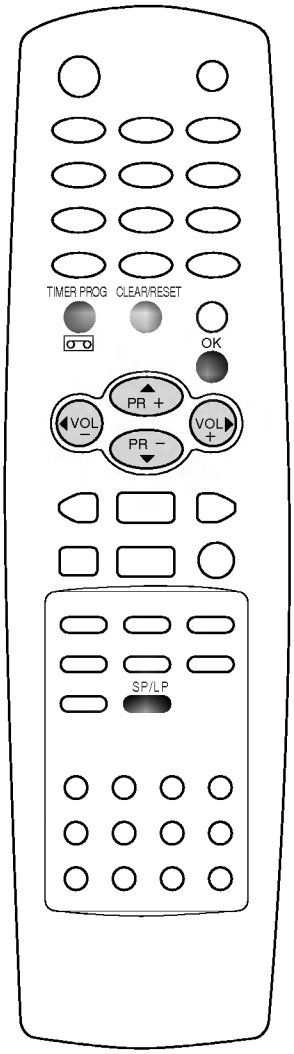
   Each time you press the ▲ button, the date changes as shown below.
   24/09 → 25/09 ··· 30/09 → 01/10 → 02/10 ··· 23/10
   Each time you press the ▼ button, the date changes as shown below.
   Every Day → SUN → MON ··· SAT → MON-SAT
   SAT-SUN ← MON-FRI ←
5. Select **Start** with the ▶ button.



   And set the start Hour : Minute with the ▲ / ▼ or ◀ / ▶ button.
6. Select **Stop** with the ▶ button and set stop Hour : Minute with the ▲ / ▼ or ◀ / ▶ button.
7. Select the tape speed position with the ▶ button and select the recording tape speed **SP** or **LP** with the **SP/LP** or ▲ / ▼ button.

   Option : In some models, **VPS PDC** appears. Only a set with teletext option can perform this function.
   Select **VPS PDC** with the ▶ button and set **OK** with the ▲ / ▼ button.
8. Press the **OK** button.
9. Press the **TIMER PROG** button to return to normal TV viewing.

After you finish programming, insert a tape with a safety tab. The TIMER REC indicator will illuminate.



Note :

*a. If you want to cancel a timer programme, select the recording item with the ▲ / ▼ button, press the ◀ / ▶ button and then press the **CLEAR/RESET** button.*

*b. If you press the **OK** button after pressing an incorrect digit accidently or setting the start and stop time that have already past, the recording will automatically be erased.*

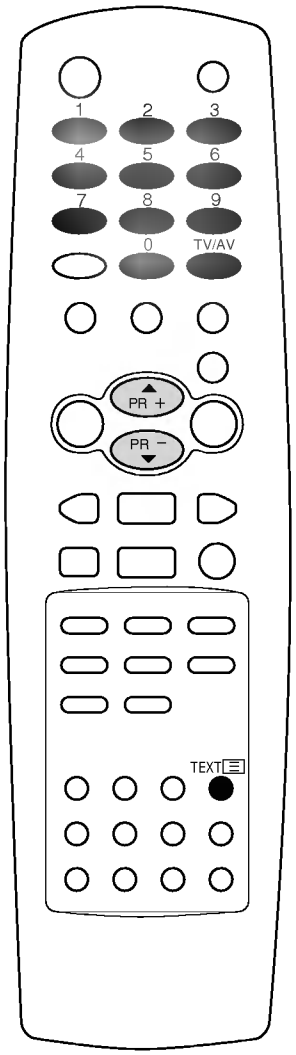
c. If the clock has not yet been set, when you try to set timer programme the MENU 4 will appear. Set the time and date before proceeding.

Teletext (option)

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.

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 ▲ / ▼ button can be used to select the preceding or following page.

Teletext (option)

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 ▲ button can be used.
4. The RED button permits to return to previous selection. Alternatively the ▼ button can be used.

Direct page selection

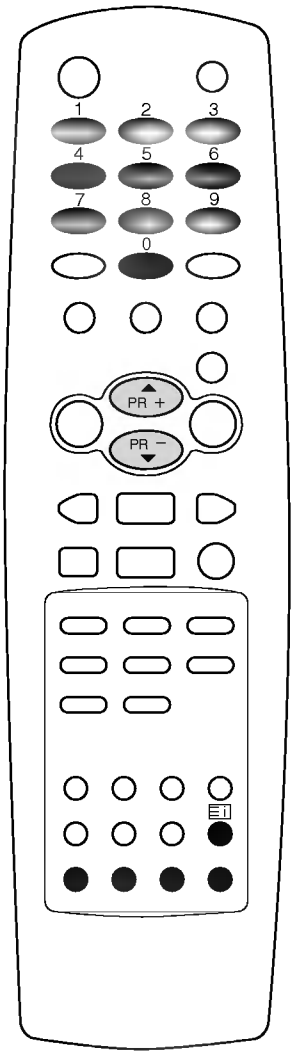
Corresponding to the SIMPLE teletext mode, you can select a page by entering it as a three digit number using the NUMBER buttons in TOP mode.

FASTEXT

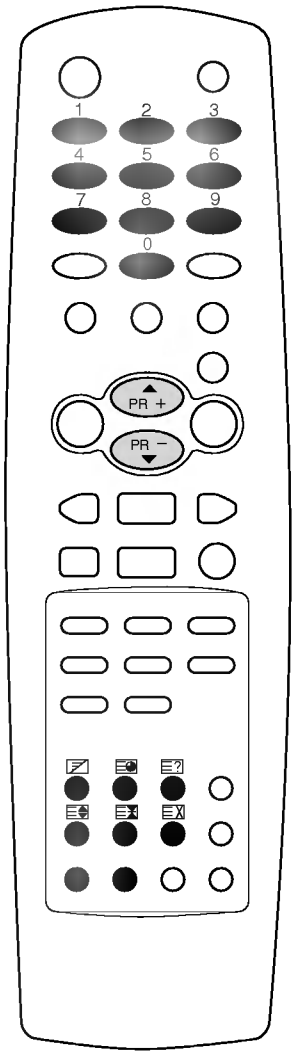
The teletext pages are colour coded along the bottom of the screen and are selected by pressing the corresponding coloured button.

Page selection

1. Press the 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 ▲ / ▼ 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
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 will appear at the top left hand corner of the screen. When the updated page is available then display will change to the page number.
Press this button to view the updated teletext page.

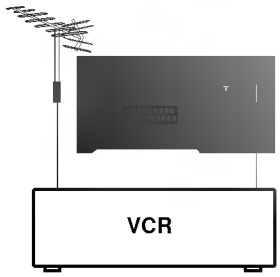
HOLD
Stops the automatic page change which will occur if a teletext page consists of 2 or more sub pages. The number of sub pages and the sub page displayed is, usually, shown on the screen below the time. When this button is pressed the stop symbol is displayed at the top left-hand corner of the screen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

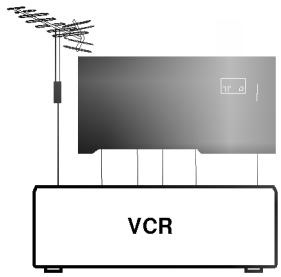
Connection of external equipment

You can connect additional equipment, such as external 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 external VCR to the aerial socket on the back of the set.
2. Connect the aerial cable to the RF aerial in socket of the external VCR.
3. Store the external VCR channel on a desired programme number using the 'Manual programme tuning' section.
4. Select the programme number where the external VCR channel is stored.
5. Press the **PLAY** button on the external VCR.



Audio/Video in/out sockets (option)

1. Connect the audio/video out sockets of the external 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 front, press the **TV/AV** button to select **AV 2**. You should select **AV 1** if AV 1 sockets on the back are connected to the VCR.
3. Press the **PLAY** button on the VCR.
   The VCR playback picture appears on the screen.

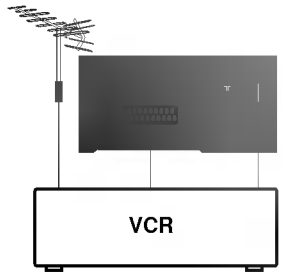
   You can also record programmes received by the TV on video tape via audio/video out sockets.

Euro scart socket (option)

1. Connect the euro scart socket of the external VCR to the Euro scart socket 1 on 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 1** 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 1**. The external VCR playback picture appears on the screen.

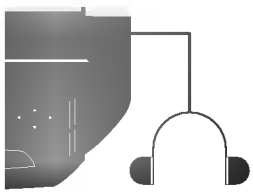
   You can also record programmes received by the TV on video tape.

   You can dub the recording of the external VCR by pressing the **REC/ITR** button on the set or remote control handset.



Headphone socket (option)

Insert the headphone plug to the headphone socket on the left side of the set. You can listen to the sound from the headphones and no sound is heard from the speaker of the set.



Troubleshooting check list

IN TV/VCR RECEPTION

Symptoms	*Check Points*
No picture or sound	Make sure the unit is plugged into a working AC power socket. Check that the power is switched to 'ON'. Check aerial is properly connected along with any other connections. If an indoor aerial is used, see it is pointing in the right direction.
Picture OK; sound poor	Check aerial is properly connected, If an indoor aerial is used, see it is pointing in the right direction. Adjust the volume.
Sound OK; no picture	Try another channel: it might be a transmitter fault. Adjust the picture.
Picture faint or blurred	Check aerial is properly connected. If an indoor aerial is used, see it is pointing in the right direction. Adjust the CONTRAST control.
Picture rolls vertically	Check aerial is properly connected. If an indoor aerial is used, see it is pointing in the right direction.
Ghosts or multiple images	Check aerial is properly connected. If an indoor aerial is used, see it is pointing in the right direction. Suspect reception interference and fit a directional or external aerial.
Wrong colour or no colour	Adjust the COLOUR control.
No response to pressing front control buttons	Press the buttons again carefully. If no response, unplug the set from the mains socket, and then plug it in and try again.
No response to remote control	Check the batteries are fitted in right way round. Replace the batteries.

IN TV/VCR OPERATION

Symptoms	*Check Points*
The tape insertion is impossible	Insert the tape with the window side up and the safety tab facing you. See that there isn't a tape in the machine already.
Auto play function won't work	Check that the safety tab on the video cassette tape is removed.
TV programmes cannot be recorded	Have you tuned the set's channels properly? See that the safety tab on the video cassette is still intact. Check the aerial and its connections.
Timer recording can't be done	Set the recording start/stop time correctly. Has there been a power supply interruption before or during Timer recording? If so, the timer will have lost details of the instructions you gave it and it will not function. Try reprogramming again.
There is no picture in playback: the playback picture is of poor quality or is streaky	Check that the video cassette tape has been recorded on. Adjust the Tracking Control (This should remove 'streaks') Clean the Heads of TVCR.
VCR button does not operate	Reconnect the mains plug to a power socket: reset programmes (problem caused by a power interruption). Check that the timer programme is set for recording.
Video cassette tape jammed in its slot	If the tape is inserted the wrong way it may become stuck. Wait a few seconds to see if the machine will automatically eject it. If it does not, and the machine stops working, on no account try free it but contact your local dealer.