User manual
User manual
User manual
User manual

7 2 M K 8 9 D U

THOMSON

P.

☞ 9

☞ 20

☞ 22

☞ 24

☞ 34

PREFERENCES   **SET-UP**

Max. Volume
Language   GB F D I S NL
Programme Display   Off   On
Time reference   PR 01
IR download   (-)No Yes(+) PR --
Teletext Fine Tuning   Off   On

☞ 10

PREFERENCES

Volume
Brightness
Colour
Contrast
→▶◀   Resets to these preferences

BROWSE   **CLOCK**   **LOCK**

PR 02 BBC
01 BBC 1
02 BBC 2
03 I T V
04 CHAN 4
+/-   Next / Previ
0..9   Select a p

BROWSE   **CLOCK**   **LOCK**

▼ Sleep-ti

BROWSE   **CLOCK**   **LOCK**

Enter your P
Store your P

TUNING   **AV1**   **AV2**   **AV3**

Norm (-/+)   PAL I (UK)
Decoder   None   AV1   AV2
Search
Channel   CH 22
02   CC --

ing
name   BBC 2
Store (+)
the organiser (+)

PROGRAMME   **AV1**   **AV2**   **AV3**

Signal   S-Video   RGB
Name   CAMCOR

☞ 27

GRAMME   **AV1**   **AV2**   AV3

Signal   S-Video   RGB
Name   VCR 2

☞ 27

MME   **AV1**   **AV2**   **AV3**

S-Video   RGB
VCR 1

☞ 27

LOUDSPEAKERS   **HEADPHONES**   **AV**

Sound
Effect
Balance
TV Treble
TV Bass

☞ 16

LOUDSPEAKERS   **HEADPHONES**   **AV**

Headphone

☞ 19

LOUDSPEAKERS   **HEADPHONES**   **AV**

AV Device   Stéréo   Mono

☞ 19

PICTURE   **PIP**   **FORMAT**

Brightness
Colour
Contrast
Digital Mastering   Off   On

☞ 11

PICTURE   **PIP**   **FORMAT**

4/3   16/9
tles Zoom   Off   On
tles position   Down(-) Up (+)

☞ 14

PR 02 FR 2

☞ 21

PR 06 M 6

☞ 21

Remote control labels:

P.

VT

ZOOM

PR.-   PR.+

a → z   z → a

1   2   3
4   5   6
7   8   9

0/AV

RCT3006

THOMSON

ZOOM

PROG

a → z   z → a

1 2 3
4 5 6
7 8 9
0

MAINS CONNECTION

The TV is suitable for use on a.c. mains supply, 220-240V, 50 Hz only. It must not be connected to d. c. mains.

! *The mains lead of the TV is fitted with a moulded plug. If the mains sockets are not compatible or if for any reason the plug is removed please follow these directions:*

The moulded plug cannot be rewired and if removed must be disposed of safely.

DO NOT under any circumstances plug the severed plug into any mains socket as this could result in electric shock.

IMPORTANT : If the plug is removed rewire new plug as follows:

The wires in the mains plug are coloured in accordance with the following code : BLUE - NEUTRAL
BROWN - LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows : BLUE wire to the terminal coded N (Neutral) or coloured black.
BROWN wire to the terminal coded L (Live) or coloured red.

DO NOT make any connection to the terminal in the plug which is marked by the letter E or by the safety earth symbol $\equiv$ or coloured green or green and yellow.

A fused plug must be fitted with a 5A fuse approved by ASTA or BSI to BS 1362 and fuse covers must always be securely replaced.

REMOTE BATTERIES
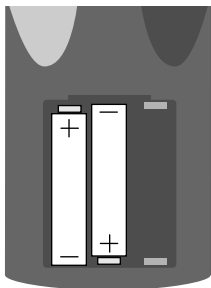
The remote control requires two batteries size AAA as supplied with the unit. Unclip the cover at the rear and insert the batteries the correct way round as shown. The ends are usually marked + and –. Replace the batteries when the unit no longer operates at normal viewing distances.

For a cleaner environment, please dispose of used batteries in the containers provided for this purpose.

! *When replacing batteries do not mix old and new - do not mix makes and types. Alkaline types are recommended for long life. Never risk damage to the remote control by extreme heat - do not leave close to a radiator or on a window ledge in direct sunshine.*

functions remote control

using remote control

PROGRAMME
Set-up - Preferences -
Browse - Clock - Lock -
Tuning - AV1 - AV2 - AV3.

SOUND
Speaker configuration - Balance - Loudspeakers -
Headphone - AV (Audiovisual).

PICTURE
Picture - PIP - Format.

TELETEXT / TOPTEXT / FASTEXT

PERSONAL ADJUSTMENTS
and scrolling back through the menus.

TO REMOVE THE MENU DISPLAY
or to display programme information, the type of sound
transmission (MONO, STEREO or DUAL),
the programme name and number, the time.

PICTURE FREEZE

ZOOM FUNCTION

TO CALL UP PREVIOUSLY VIEWED PROGRAMME

TO CALL UP ALL PROGRAMMES IN TURN

VOLUME
- Horizontal movement in the menus
- -/+ adjustments of other functions.

Keys 1 to 0 are used to :
- Select the programmes (from 1 to 99)
- Enter the channels numbers
- The 0 key is used to call AV inputs 1, 2 and 3.

MUTE

STAND-BY

When a red, green or yellow button is pressed for the first
time, the **contents** of the menu are displayed at the top of
the screen and the menu of the function selected is
displayed at the bottom of the screen.
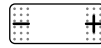
Moving horizontally along in the menus
selects the required function on the contents
line if it has not been already selected.

- The selected function is displayed in the same colour as
the button pressed (red, green, yellow).

Press the coloured button repeatedly to move down
through the menus selecting different lines.

- The line selected in the menus is displayed in the same
colour as the button pressed (red, green, yellow).
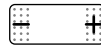
Make any adjustments.

Changes are saved when you quit the menus, except in
the PROGRAMME menu.

contents

For further details,
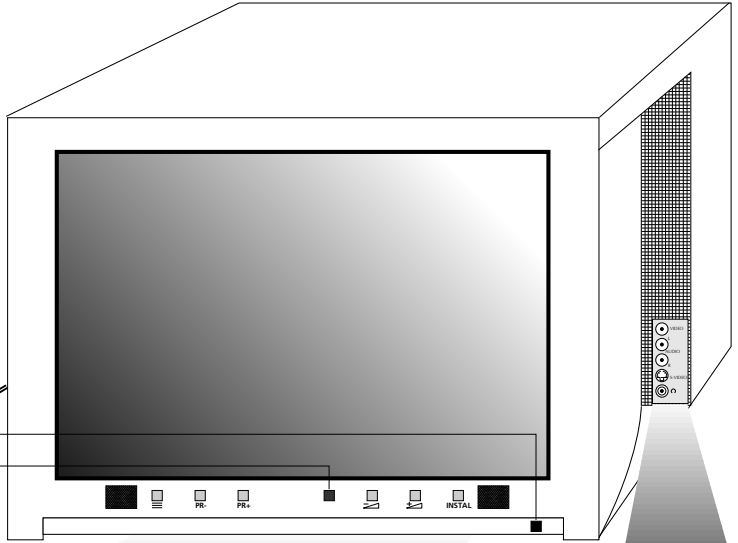see page 26.

Connect to A.C. main
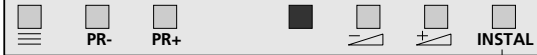supply 220-240 V ~ 50 Hz
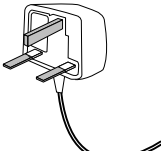
On/Off switch

On/Standby light :
Green = On
Red = Standby

Programme
selection

PR-   PR+

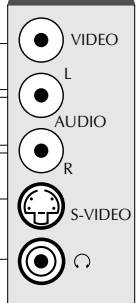Volume adjustments

INSTAL

Installation-menu access button

VIDEO and
AUDIO Sockets

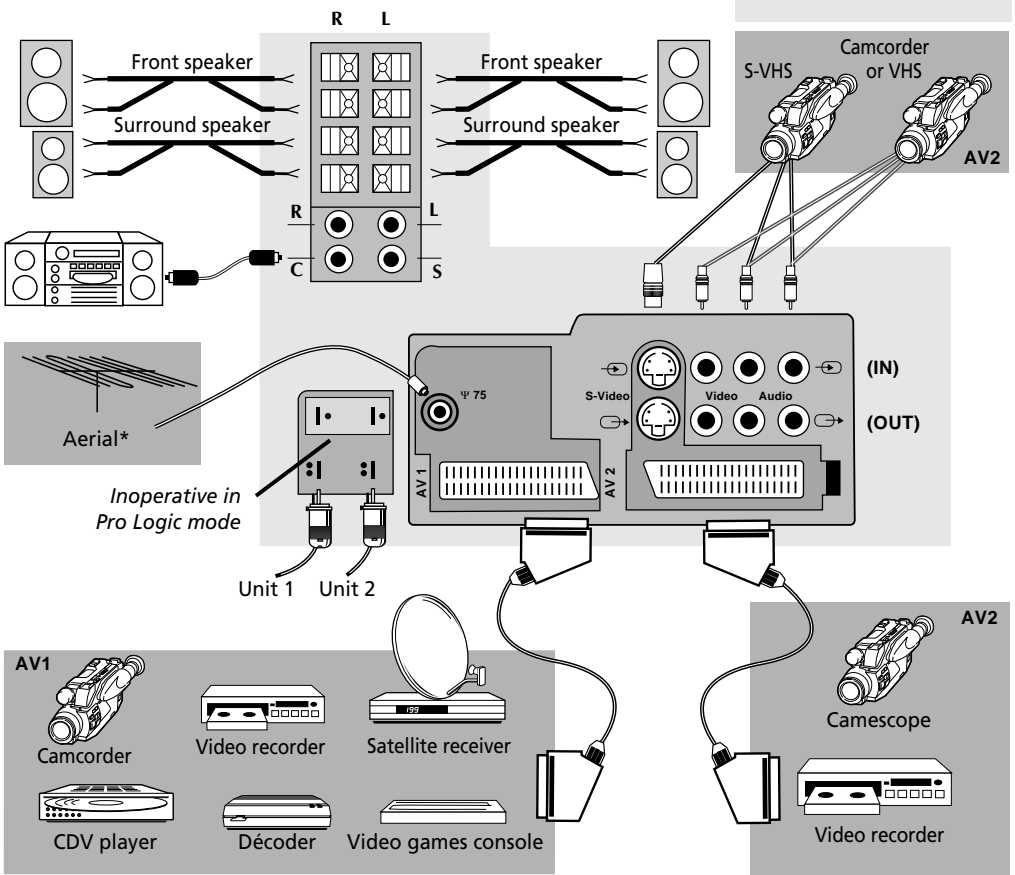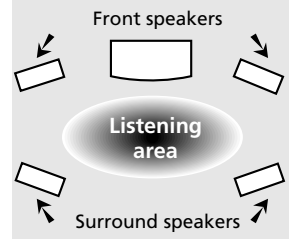S-VIDEO and
AUDIO Sockets

Headphone
socket
Ø 6,35 mm

VIDEO

L

AUDIO

R

S-VIDEO

AV 3

BACK CONNECTIONS

Ideal setting

Front speakers

Listening area

Surround speakers
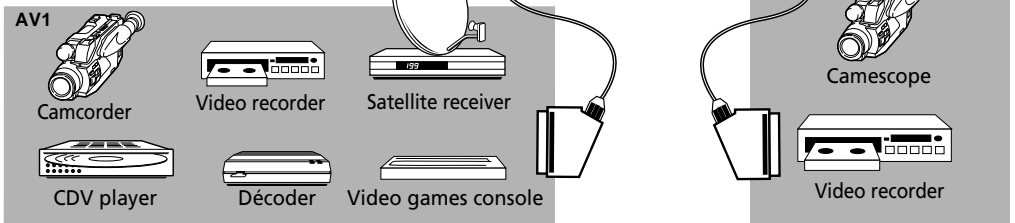
Connect respectively the red and black terminals of the supplied speakers to the television's red and black terminals.

R   L

Front speaker

Surround speaker

Front speaker

Surround speaker

S-VHS   Camcorder or VHS

AV2

R   L

C   S

Ψ 75

S-Video   Video   Audio   (IN)

(OUT)

Aerial*

AV 1   AV 2

Inoperative in Pro Logic mode

Unit 1   Unit 2

AV1

Camcorder   Video recorder   Satellite receiver

CDV player   Décoder   Video games console

AV2

Camescope

Video recorder

! ** We recommend that you use an aerial cable with double isolation.*

auto-programming

This set is equiped with an automatic station search system which is used for :
• Searching for all the stations received in your region and storing them in memory
• Automatically searching for the name of the station
• Automatically allocating a programme number.

```
WELCOME
   BIENVENUE
      WILLKOMMEN
         BIENVENIDO
            BENVENUTO
               VÄLKOMMEN
                  WELKOM

ENGLISH      Press      key number    [1]
FRANÇAIS     Appuyer    sur la touche  [2]
DEUTSCH      Drücken    Sie die Taste  [3]
ESPAÑOL      Pulse      tecla numero   [4]
ITALIANO     Premere    il tasto       [5]
SVENSKA      Tryck      knapp nummer   [6]
NEDERLANDS   Druk op    knop nummer    [7]
```

WELCOME

Turn on the television set main power.

[①]

The **WELCOME** menu is displayed.

If it is not,
Press the INSTAL button on the television set control panel.

[ ] **INSTAL**

```
CHOOSE YOUR COUNTRY :

UK :                        [ 1 ]
FRANCE :                    [ 2 ]
GERMANY :                   [ 3 ]
ITALY :                     [ 4 ]
SPAIN :                     [ 5 ]
PORTUGAL :                  [ 6 ]
SWISS :                     [ 7 ]
AUTRIA :                    [ 8 ]
Next page :                 [ 9 ]
```

Briefly press the remote control button number corresponding to the number of the language you require for the menus.

a →z
[1]

A list of countries appears (on two pages).
To go to the next or previous pages, press

[9]

Briefly press the remote control button corresponding to the country in which you are located.
For example : England, press

a →z
[1]

```
NETHERLANDS :               [ 1 ]
BELGIUM :                   [ 2 ]
LUXEMBOURG :                [ 3 ]
SWEDEN :                    [ 4 ]
DANMARK :                   [ 5 ]
FINLAND :                   [ 6 ]
NORWAY :                    [ 7 ]
OTHERS :                    [ 8 ]
Previous page :             [ 9 ]
```

The menu which then appears permits the user to :

• start an automatic search,

a →z
[1]

• search for new channels,

z →a
[2]

• access channel organisation.

[3]

```
AERIAL INSTALLATION

Make sure that the aerial cable
and decoder (if any)
are connected to this TV set.

[ 1 ] Launch terrestrial installation

[ 2 ] Update the terrest. installation

[ 3 ] Access to the organiser
```

! *You can always leave the menus at any time by pressing the ▤ button.*

AUTO-PROGRAMMING

To help you, follow the instructions at the bottom of the menu (grey background).

For the first time or after a change of region :

start automatic channel search by pressing the button

a →z
[1]

```
AUTO - PROGRAMMING




Searching for stations
━━━━━ I ━━━━━
10 stations found
```

Searching for stations and storing them in the memory depends on the language chosen from the **WELCOME** menu.

The previously memorised stations are erased.

! *AUTO-PROGRAMMING is completed when the cursor is at the extreme right.*
To interrupt the search, press briefly on the ▤ key, this displays the channel management menu.

auto-programming

Programme Organiser

This menu is used to :
• change the programme number,
• change the station number,
• delete a programme.

When the automatic search is completed, the
Programme Organiser menu appears.

PR.- PR.+

Scan through to check that the stations found are correctly numbered and named as you want than:

Programme Organiser

```
01
02
03
04
05
06
07
08
09
```

• IF YES ➡ press briefly
the menu disappears and is replaced by the picture of the
programme selected.

• IF NO ➡ you make changes as follows

```
PR+, PR-   Select a station
+, -, 0..9   Move this programme
   Blue         Change the name
   Yellow          Erase this station
      To exit, press the (TV) key
```

- The programme number

Select the programme number to be changed.

PR.- PR.+

```
05
06
07
08
09
```

Bring the cursor to the new programme number.

You may also use the number buttons 0 to 9.

```
Moving PR 06 BBC to PR 04
+, -, 0..9   Give it another number
   Green          Confirm change
   Red            Cancel change
```

Confirm the change (green button).

- The station name

VT

Press the blue button briefly.
A list of station names per country appears

United Kingdom	Nederlands
France	Belgique
Deutschland	Luxembourg
Italia	Sverige
España	Danmark
Portugal	Finland
Schweiz	Norge
Österreich	

Programme Organiser

```
01
02
03
04
05
06
07
08
09
```

```
        United Kingdom
BBC 1          SKYONE
BBC 2          DISCOV
I T V          UKGOLD
CHAN 4         SKYSPO
CHAN 5         BRAVO
SKY +          ESPORT
M-GOLD         S-NEWS
M-CHAN         M T V
CHILD          EUNEWS
C N N          - - - - - - -
```

```
+, -          Next/Previous name page
PR+, PR-      Select a new name
   Green          Confirm change
   Red            Cancel change
```

Select the country you require.

If the name appears in the list displayed,
      select the name

PR.- PR.+

```
PR+, PR-   Select a station
+, -, 0..9   Move this programme
   Blue         Change the name
   Yellow          Erase this station
      To exit, press the (TV) key
```

      Confirm the selection (green button).

If the name does not appear in the list displayed,
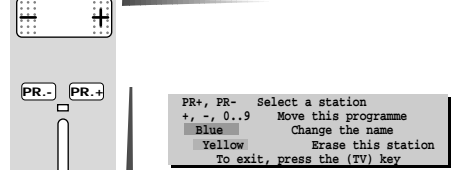   select the "- - - - - -"line

PR.- PR.+

You have 6 characters to enter a station name

```
+, -          Next/Previous name page
PR+, PR-      Select a new name
   Green          Create station name
   Red            Cancel change
```

To enter a station name,
Press the green button briefly and
the first character flashes.

```
+, -          Next/Previous position
PR+, PR-      Select a character
   Green          Confirm new name
   Red            Cancel new name
```

Select the first character of the new name.

PR.- PR.+

Enter the next character
and repeat the process up to the last character.
Confirm your choice (green button). The new name is
stored in the memory and the list disappears.

```
PR+, PR-   Select a station
+, -, 0..9   Move this programme
   Blue         Change the name
   Yellow          Erase this station
      To exit, press the (TV) key
```
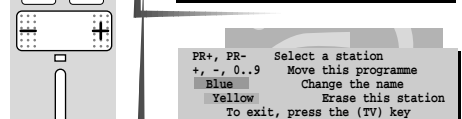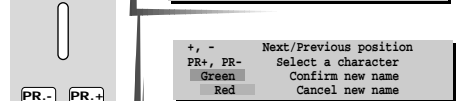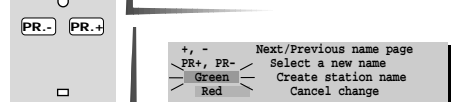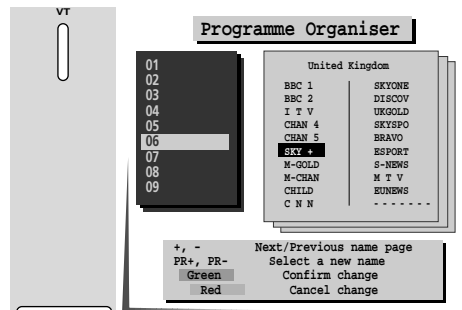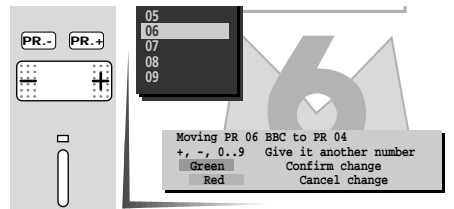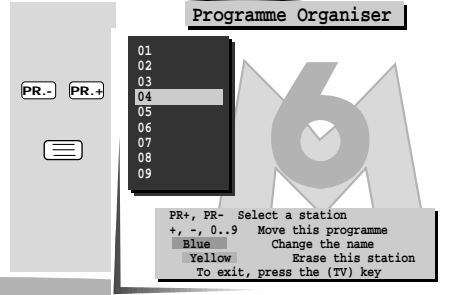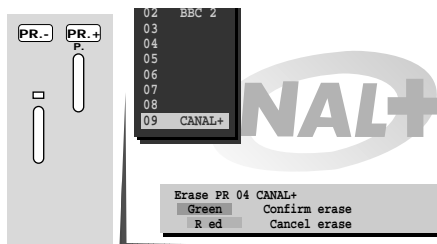
auto-programming

To delete a programme

Select the programme to be deleted.

Press the yellow button.

Confirm your choice (green button).
The programme is deleted
the following programme is selected.

! *You may cancel any unconfirmed command (change of programme number or channel name, programme erasure) by pressing the red button* ⃞ .

02	BBC 2
03	
04	
05	
06	
07	
08	
09	CANAL+

```
Erase PR 04 CANAL+
  Green       Confirm erase
  R ed        Cancel erase
```

New channels

Turn on the television set by pressing one of the buttons from 1 to 9.

To search only for new channels :

Press the INSTAL. button on the televisions set key pad.

Select the country and press the button

When search is finished, the Programme Organiser menu appears.
Reorganise the programmes.
To do this, follow the instructions given on the previous page.

! *To make menu disappear, press on*

INSTAL

z→a
2
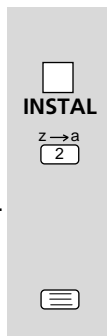
installation

With this menu you may:
• Limit the maximum volume.
• Change the menu language (German, Spanish, French, English, Italian, Swedish, Dutch),
• Permanently display the number of the programme being watched,
• Store the time reference programme number,

SET-UP

PREFERENCES   SET-UP

Press the yellow button then the (-) button.

The **SET-UP** menu is displayed

```
Max. Volume  ▪ ▪ ▪ ▪ ▪ ▪ ▪ ▪ ▪ ▪ I ▪ ▪ ▪ ▪ ▪ ▪ ▪
Language        GB   F   D   E   I   S   NL
Programme Display     Off     On
Time reference        PR 01
IR download    (-)No     Yes(+)    PR --
Teletext Fine Tuning   Off    On
```
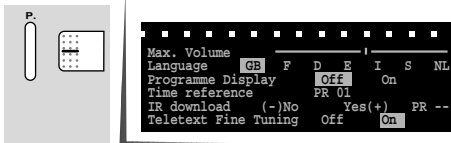
Maximum Volume Limitation

PREFERENCES   SET-UP

Select the **Max. Volume** line (yellow button).

Set the maximum volume with the cursor.

! *The volume cannot be set to zero when using this function.*

```
Max. Volume  ▪ ▪ ▪ ▪ ▪ ▪ ▪ ▪ ▪ ▪ ▪ ▪ ▪ ▪ ▪ ▪ ▪
Language        GB   F   D   E   I   S   NL
Programme Display     Off     On
Time reference        PR 01
IR download    (-)No     Yes(+)    PR --
Teletext Fine Tuning   Off    On
```
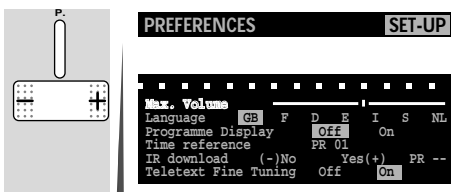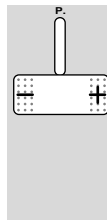
installation television set

Menu language

Select the **Language** line (yellow key).

Select
GB	: English	I	: Italian
F	: French	S	: Swedish
D	: German	NL	: Dutch
E	: Spanish		

All the menus will be displayed in the language selected.

```
PREFERENCES                    SET-UP

. . . . . . . . . . . .
Max. Volume
Language      GB   F   D   E   I   S   NL
Programme Display        Off     On
Time reference        PR 01
IR download   (-)No      Yes(+)   PR --
Teletext Fine Tuning    Off     On
```
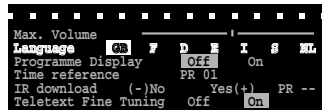
Programme number display

Select the **Programme Display** line (yellow key).

Select :
- Off   no permanent display.
- On   the programme number
             is permanently displayed

```
PREFERENCES                    SET-UP

. . . . . . . . . . . .
Max. Volume
Language      GB   F   D   E   I   S   NL
Programme Display        Off     On
Time reference        PR 01
IR download   (-)No      Yes(+)   PR --
Teletext Fine Tuning    Off     On
```
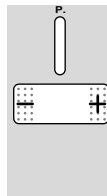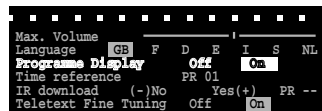
Time reference

Select the **Time reference** (yellow key).

The television's internal clock must be set.

This synchronises automatically when the television set is turned on to a programme broadcasting Teletext, you can opt to select any one of the 4 channels - BBC1, BBC2, ITV, CH4.

Select the corresponding programme number.
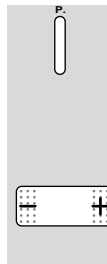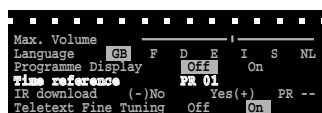
! *The IR download line has no effect on your TV set.*

```
PREFERENCES                    SET-UP

. . . . . . . . . . . .
Max. Volume
Language      GB   F   D   E   I   S   NL
Programme Display        Off     On
Time reference        PR 01
IR download   (-)No      Yes(+)   PR --
Teletext Fine Tuning    Off     On
```

Teletext Fine Tuning

This adjustment allows writing errors (missing letters) on the teletext pages of French networks (L Standard) to be reduced. To do this,
On must be selected in the **Teletext Fine Tuning** line.

! *This adjustment is not active for B, G, D, K, K' and I standards.*

```
Teletext Fine Tuning   Off     On
```
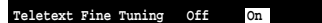
PREFERENCES

This menu enables you to save your preferred settings. Press the yellow or pink key repeatedly to return to the Menu contents line.
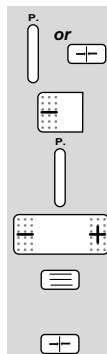
Press to display the **PREFERENCES** menu.

Select the line required with the yellow key.

Set with the key.

Erase the menu.

To return to your preferred settings at any time, press the pink key.

or

```
PREFERENCES                    SET-UP

. . . . . . . . . . . .
Volume        ━━━━━━━━━━┃━━━━
Brightness    ━━━━━━━┃━━━━━━━
Colour        ━━━━━━━━━┃━━━━━
Contrast      ━━━━━━━━━━━┃━━━
 ►┃◄  Resets to these preferences
```

```
PREFERENCES                    SET-UP

. . . . . . . . . . . .
Volume        ━━━━━━━━━━┃━━━━
Brightness    ━━━━━━━┃━━━━━━━
Colour        ━━━━━━━━━┃━━━━━
Contrast      ━━━━━━━━━━━┃━━━
 ►┃◄  Resets to these preferences
```

picture adjustments

PICTURE

You may adjust the picture settings at any times.

Press the green key.

The **PICTURE** menu is displayed :
PICTURE is selected.

! *If this is not the case, select the Contents line using the green key ⬚ and Picture with the ⬚ key.*

Select the **Brightness** line (green key).

Adjust the brightness.

Repeat the same procedure to select and adjust the **Colour**, and **Contrast**.

! *The TINT line only appears if the source is NTSC from an AV1, AV2 or AV3 audio-visual programme.*

PICTURE	PIP	FORMAT

Brightness ———|———
Colour ———|———
Contrast ———|———
Digital Mastering   Off   On

PICTURE	PIP	FORMAT

Brightness ———|———
Colour ———|———
Contrast ———|———
Digital Mastering   Off   On

Brightness ———|———
Colour ———|———
Contrast ———|———
Digital Mastering   Off   On
Tint ———|———

Digital Mastering

Select the **Digital Mastering** line (green key).

Select the option required.

! *When changing channels, Digital Mastering automatically returns to On.*

This process suppresses flicker from the TV image. In addition, Digital Mastering improves image quality with a further reduction of the trembling effect. The images are more stable, sharper and less straining to the eyes. Finally, image noise is reduced automatically according to reception quality (INR system : Intelligent Noise Reduction).

100 Hz
DIGITAL MASTERING

PICTURE	PIP	FORMAT

Brightness ———|———
Colour ———|———
Contrast ———|———
Digital Mastering   Off   **On**

PIP (Picture in picture)

Gives you several possibilities for programmes inlays.

You use this function to :
• inlay in one of the corners of the screen (**P I P**) :
  – images from the input connectors (AV1, AV2, AV3 or RGB), while viewing a channel ;
  – or one of the channels, while viewing a programme from one of the audiovisual input connectors (AV).

• inlay on the screen in groups of 9, all the channels in memory (**Channel guide**).

Press the green button once or several times to select the contents line.

Select **P I P.**
The PIP menu appears.

PICTURE	PIP	FORMAT

PIP   **Off**   **On**
Source   (−)   03   (+)
Channel Guide   (+)
Change Corner   1   2   3   **4**

picture adjustments

Image inlay (PIP)

Use the green button to select the **PIP** line.

Press briefly to select :   Off : no picture in picture
On   : picture in picture

Use the green button to select the **Source** line.

As required select :
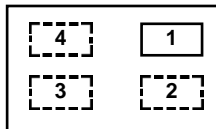the AV1, AV2, AV3 or RGB picture,

or a channel in memory.

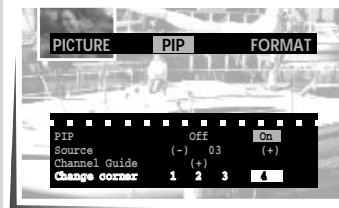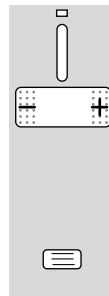! *Picture in picture is in 4/3 or 16/9 format depending on the format of the AV image.*

PICTURE	PIP	FORMAT

PIP		Off		On
Source	(-)	**03**		(+)
Channel Guide		(+)		
Change corner		1	2 3	4
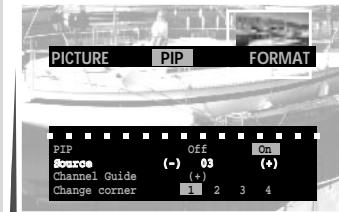
Inlaid image position

Use the green button to select the **Change Corner** line.

Select position **1, 2, 3** or **4**.

4	1
3	2

Press to erase the menu.

PICTURE	PIP	FORMAT

PIP		Off		On
Source	(-)	03		(+)
Channel Guide		(+)		
Change corner	1	2	3	4

Picture swap

Press the ⌒ button,

to swap the image being viewed and the PIP image.

Scanning all inlaid image programmes

Select an AV image on the screen.

0/AV

Repeatedly press the PR +/- button
on the remote control to scroll through PIP displays of all
stored programmes and the other AV programmes.

PR.- PR.+

Press and hold to remove the PIP.

picture adjustments

Mosaic

You can display on the screen, in group of 9, all the channels stored in memory.

Press the green button once or several times
to select the **Contents** line.

Select **P I P**.

Press the green button repeatedly
to select **Channel Guide**.

Press the key.
The screen goes grey and the channels become inlaid
With the corresponding programmes numbers superimposed.

The Channel Guide programmes change every 3 seconds.

When the Channel Guide appears,
the sound goes off.

To display the programme you want on screen,
press the ⌒ button when the image of that
programme is animated

! *Activating the Channel Guide feature cancels any inlays.*

To clear the Channel Guide, press the TV button.

PICTURE	PIP	FORMAT

```
PIP                Off          On
Source            (-)  03       (+)
Channel Guide          (+)
Change corner               1   2
```
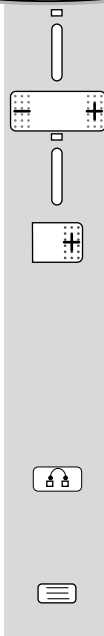
FORMAT

Press the green button once
To select the **Contents** line.

Select **FORMAT.**

The following menu is displayed.

PICTURE	PIP	FORMAT

```
Format              4/3        16/9
Subtitles Zoom      Off          On
```
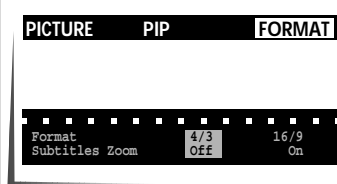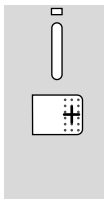
Format

Select the **Format** line (green key).

Select **4/3** or **16/9** depending on the picture format.

The Subtitles Zoom line appears only when 4/3 is selected

! *The format can also be selected automatically when the
source is one of the two Euro-AV sockets AV1 or AV2.
In this case, select AUTO which is only displayed for
sources AV1 and AV2.
The format is stored in memory for AV1, AV2 and AV3.*

PICTURE	PIP	FORMAT

```
Format              4/3        16/9
Subtitles Zoom      Off          On
```

PICTURE	PIP	FORMAT

```
Format      4/3     16/9      Auto
```
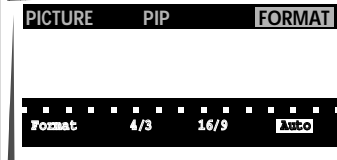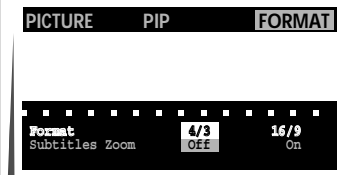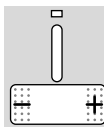
picture adjustments

Subtitles Zoom

Select the **Subtitles Zoom** line (green key).

You may select   Off : programme without subtitles
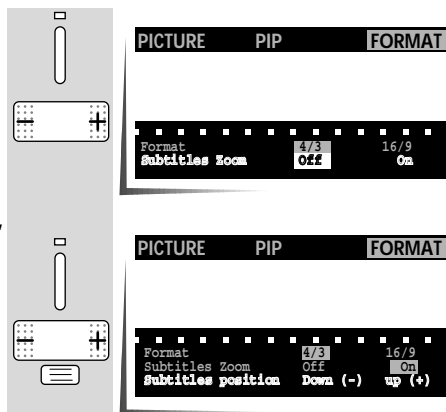   On : subtitled programmes.

In this case, an additional line (**Subtitles position**) appears

You may choose between a higher or lower framing, for example, for sub-titled programmes.

Select **Subtitles position** (green key),

then set your picture lift.

Remove the menu from the screen.

PICTURE	PIP	FORMAT

Format   4/3   16/9
Subtitles Zoom   Off   On

PICTURE	PIP	FORMAT

Format   4/3   16/9
Subtitles Zoom   Off   On
Subtitles position   Down (-)   up (+)

sound adjustments

NICAM DIGITAL STEREO

NICAM (Near Instantaneous Companded Audio Multiplex) digital audio.
The digital signal broadcast together with the existing sound and pictures of terrestrial television are decoded by this receiver to enable high quality stereo sound to be reproduced with advantages similar to those of compact discs. i. e. extended dynamic range and channel separation with low noise and low distortion. These are considerable benefits compared with the current standard system. The digital channel separation will allow the Broadcasters to transmit dual languages as en alternative feature after the service is established.

You will be able to take full advantage of this exciting new facility. The increase in over all realism and ambience created by this new dimension in television sound will bring increased viewing enjoyment to all forms of programme materiel to sport as well as the more obvious advantages to all forms of musical entertainment.
In the absence of NICAM signals or if the NICAM signal becomes extremely weak, the receiver will select the standard system automatically.
The standard signal can also be chosen by selecting the mono mode using the appropriate IMC on screen graphics display. This is known as forced mono.

Dolby* Surround Pro Logic

Derived from the DOLBY-STEREO system used in cinemas, Dolby Surround Pro Logic enables you to re-create the acoustic environment of the cinema in your own home (with a DOLBY - STEREO signal), or to obtain enhanced sound effects (with a mono or stereo signal).

You have three options :
• Connect two sets of speakers (Pro Logic),
• Connect one set of speakers (Dolby Phantom or Dolby Stereo),
• Use the television sound system only (Pro Logic mode off).

Make sure that the following steps are carried out in the order shown.
• Turn off the television at the main power switch.
• Connect the speakers to the appropriate sockets and make sure that the black speaker terminals on the speakers are connected to the black terminals on the television, and likewise for the red terminals.
• Configure the television for the speakers that are connected or for the acoustic effect you wish to obtain.
• Balance the acoustic environment.
When these steps have been completed, you can carry out the other sound settings.
 * " DOLBY " and the double D symbol are registered trade-marks belonging to the Dolby Laboratories Licencing Corporation.
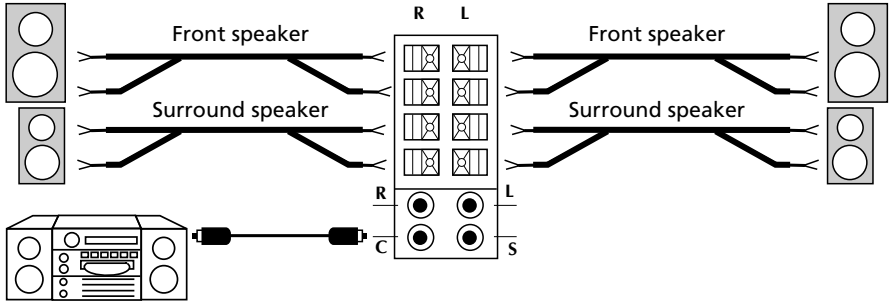
sound adjustments

CONNECTING THE SPEAKERS

To benefit from the Dolby Surround Pro Logic system, you must connect to your television set
4 loudspeakers :

- 2 front speakers
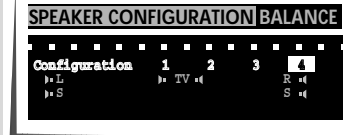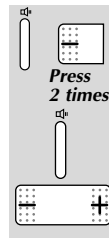- 2 surround speakers } Speakers, ref. DPL 4 K delivered

To select the speakers you have connected, you must configure your television set :

SPEAKER CONFIGURATION

The following menu is displayed:

Select the **Configuration** line.

Depending on the speakers connected, or the audio effect
preferred, choose one of the configurations offered.

CONFIGURATION		ACOUSTIC EFFECT	
		Mono signal	Stereo signal
1	TV speakers only	Stereo effect	Wide stereo
2	TV speakers + Front speakers	Stereo effect	Wide stereo or Dolby 3 Stereo
3	TV speakers + Surround speakers	Matrix*	Phantom or Hall
4	TV speakers + Front speakers + Surround speakers	Matrix*	Pro Logic or Hall

*Matrix : sound delay in the rear speakers.

Press briefly to remove the menu.

sound adjustments

LOUDSPEAKERS

Press the red button
The following menu is displayed: **LOUDSPEAKERS** is selected.

! *If this is not the case, select the Contents line with the red key and LOUDSPEAKERS with .*

Select the **SOUND** line.

This varies depending on the sound type received:

SOUND	MONO
SOUND	STEREO or NICAM Stereo
SOUND	DUAL (2 languages)
SOUND	NICAM 3
SOUND	AV

Select the required sound for the loudspeakers.

! *For normal operation, AUTO/STEREO position is recommended. STEREO or MONO will be selected automatically depending on the signal received.*

LOUDSPEAKERS   HEADPHONES   AV

Sound	Auto/Stereo	Mono
Effect	Normal	Wide
TV Treble		
TV Bass		

`Sound   Auto/Stereo   Mono`

`Sound   Auto   Mono`

`Sound   Auto/Stereo   Mono`

`Sound   Sound 1   Sound 2`

`Sound  Sound 1  Sound 2  Sound 3`

`Source Stereo   Sound 1   Sound 2`
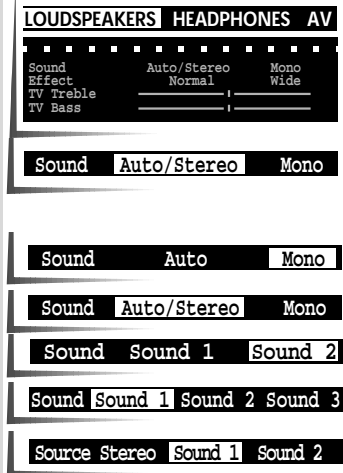
Effect

Select the **Effect** line

! *The number and type of selections available varies according to the configuration selected (see p. 15).*

Depending on the selected configuration,you will be able to choose betwen 2 or 3 of the following options :
Normal, Wide, Hall, Dolby.

Select the type of sound required.

According to which selection and configuration is chosen (see page 15), you will obtain one of the sound effects shown on the table on the next page.

When the type of sound received changes (mono to stereo or vice versa), the sound effect automatically becomes that selected for the type of sound received.
Press briefly to remove the menu.

LOUDSPEAKERS   HEADPHONES   AV

Sound	Auto/Stereo	Mono
Effect	Normal	Hall	Dolby
Treble		
Bass		
TV treble		
TV bass		
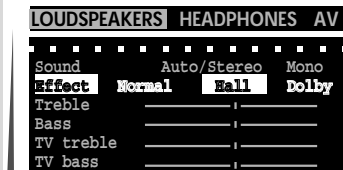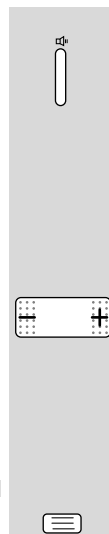
sound adjustments

CONFIG. AUDIO	SOUND	EFFECT SELECTION			
		Normal	**Wide**	**Hall**	**Dolby**
1	Mono	Mono	Pseudo-Stereo		
	Stereo	Stereo	Wide stereo		
2	Mono	Mono		Pseudo-Stereo	
	Stereo	Stereo	Wide stereo		Dolby 3 Stereo
3	Mono	Mono		Matrix	
	Stereo	Stereo		Hall	Phantom
4	Mono	Mono		Matrix	
	Stereo	Stereo		Hall	Pro Logic

BALANCE

Press SOUND button then the (–) button.
The following menu is displayed :

SPEAKER CONFIGURATION BALANCE

The menu varies depending on which configuration is selected.
• **Configuration 1**
Select the **Left/Right** line.
Balance the sound between the two audio channels.

Left/Right ....I........

• **Configuration 2**
Adjust the balance on the front speakers, and the sound level on
the central loudspeakers as shown in the chapter
BALANCING THE ACOUSTIC ENVIRONMENT.

SPEAKER CONFIGURATION BALANCE

```
Test Signal        Off       On
Left/Right      ———I———
Centre          ———I———
Volume          ———  ¡¡¡¡¡¡¡
```

• **Configuration 3**
Adjust the balance on the front speakers and the sound
level on the surround speakers, as shown in the chapter
BALANCING THE ACOUSTIC ENVIRONMENT.

SPEAKER CONFIGURATION BALANCE

```
Test Signal        Off       On
Left/Right      ———I———
Surround        ———I———
Volume          ———  ¡¡¡¡¡¡¡
```

• **Configuration 4**
Adjust the balance on the front speakers and the sound
level on the surround speakers, as well as the sound level
on the central loudspeakers as shown in the chapter
BALANCING THE ACOUSTIC ENVIRONMENT.

SPEAKER CONFIGURATION BALANCE

```
Test Signal        Off       On
Left/Right      ———I———
Surround        ———I———
Centre          ———I———
Volume          ———  ¡¡¡¡¡¡¡
```

Press briefly to remove the menu.

sound adjustments

BALANCE THE ACOUSTIC ENVIRONMENT

When you have selected the configuration you require, you can then balance the acoustic environment (except for selection 1 : TV only).
The instructions given below explain how to set up the configuration (selection 4).

With the BALANCE menu displayed
Select the **Test Signal** line.

Press the + or - button to highlight **On** in red letters.

The sound from the programme being watched is replaced by a "white noise" sound which is transmitted to each of the channels in turn (Left, Center, Right and Surround).
The adjustment consists of balancing the sound level of the four channels so that the noise has the same sound level on each of them.

Select the **Left/Right** line

Balance the sound level for the speakers on the right and on the left.

Select the **Surround** line.

Using the + or - buttons, increase or reduce the sound level for the rear speakers (Surround).

Select the **Centre** line.

Increase or reduce the sound level on the television speakers.

The above settings are correct when the sound level for the noise is identical on each of the channels.

Press repeatedly to select the **Test Signal** line.

Briefly press the + or - buttons to highlight **Off**.

SPEAKER CONFIGURATION	BALANCE

Test Signal	Off	On
Left/Right		
Surround		
Centre		
Volume		

TONE ADJUSTMENT

The following menu is displayed :
LOUDSPEAKERS is selected.

Select the **Treble** and **Bass** lines in turn, and

increase or reduce the treble or bass frequency level on the speakers, and the level on the front speakers if they are connected.
Press briefly to remove the menu.

LOUDSPEAKERS	HEADPHONES	AV

Sound	Auto/Stereo		Mono
Effect	Normal	Hall	Dolby
Treble			
Bass			
TV Treble			
TV Bass			

sound adjustments

HEADPHONES

Press briefly

The following menu is displayed :
HEADPHONES is selected.

! *If this is not the case, select the Contents line with the red button and HEADPHONES with .*

Select the **Headphones** line (red key).

You can then adjust the volume for the headphone.

! *Note : When the transmission is multilingual (DUAL) or an AV programme, the following menu appears. It is possible to select SOUND 1 or SOUND 2 in the headset.*
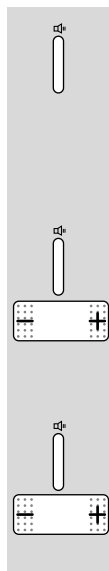
Select the Source line:

then select   Sound 1
or   Sound 2

LOUDSPEAKERS   **HEADPHONES**   **AV**

Headphones

Headphones

Source   Sound 1   Sound 2
Headphones

AV

The sound output on sockets AV1 and AV2 must be adjusted according to the type of headset connected.

Press briefly.

The following menu is displayed :
AV is selected.

! *If this is not the case, select the Contents line with the red key and AV with .*

Select the **AV Device** line (red key)**.**

Then select   Stereo = stereo VCR
             Mono = mono VCR

! *Selecting stereo permits simultaneous recording of both languages of a bilingual programme on a stereo video recorder : Sound 1 on the left track and Sound 2 on the right track. The sound available at the AV1 and AV2 outputs must be adjusted according to the type of device connected.*

Press to remove the menu from the screen.
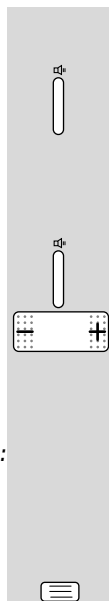
LOUDSPEAKERS   **HEADPHONES**   **AV**

AV Device   Stereo   Mono

LOUDSPEAKERS   **HEADPHONES**   **AV**

AV Device   Stereo   Mono

television set
day to day operation

SWITCHING ON / SELECTING PROGRAMMES

Switch on the television set with the mains switch if the standby light is off.

If the standby light is on, select the programme required by the remote control or the PR-/+ buttons on the front of the set.
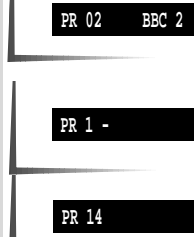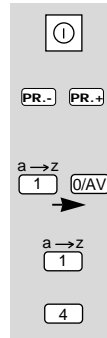
For the programmes 1 to 9 :
Press the corresponding number briefly.

For programmes 10 to 99 :
Hold on to display the tens.

Press briefly to display the units.

⏻	
PR.- PR.+	PR 02　　BBC 2
a→z 1　0/AV →	PR 1 -
a→z 1	
4	PR 14

BROWSE

This comprises 10 pages of 10 programmes each, giving for each programme number : the station name (if it has been programmed).

The **BROWSE** menu is displayed.

P.

```
BROWSE      CLOCK      LOCK
▼        PR 02 BBC 2
    00                05  MOVIES
    01 BBC 1          06  S-NEWS
    02 BBC 2          07  M-GOLD
    03 I T V          08  M-CHAN
    04 CHAN 4         09  CHILD
+,-        Next / Previous page
0..9       Select a programme
```

To select the directory page displayed.

To select the other pages, press repeatedly.
Example : Page 6 (programmes 50 to 59)

P.

Press 5 times

```
BROWSE      CLOCK      LOCK
▼        PR 02 BBC 2
    00                05  S-NEWS
    01 BBC 1          06  MOVIES
    02 BBC 2          07  M-GOLD
    03 I T V          08  M-CHAN
    04 CHAN 4         09  CHILD
+,-        Next / Previous page
0..9       Select a programme
```

To select a programme from the page displayed, press only the unit digits of the programme selected (example for 53: press 3).

! *Programme PR 00 corresponds to the last audiovisual programme (AV1, AV2 or AV3).*

Press briefly to select **BROWSE** again.

Press briefly to remove the directory from the screen.

P.

```
▼           PR 53
    50/AV             55
    51                56
    52                57
    53                58
    54                59
+,-        Next / Previous page
0..9       Select a programme
```
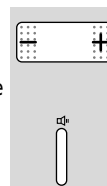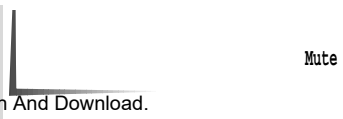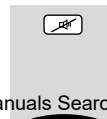
☰
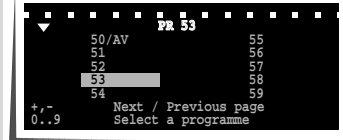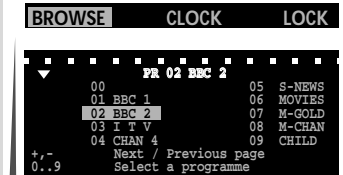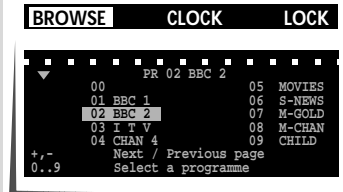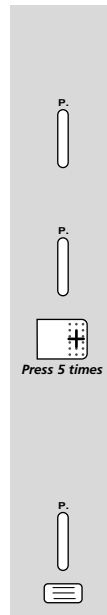
Volume

Set the volume as desired.

When the headphones are plugged in, you can adjust the volume of the headphones or loudspeakers :

Select the line you wish to adjust.

```
Volume ━━━━━━━━━I━━━━
```

```
Headphones ━━━━━━I━━━━
Loudspeakers ━━━━I━━━━
```

Sound mute

Pressing once turns the sound off. The sound returns if the button is pressed once more.

🔇

Mute

20

day to day operation

RETURN TO PREFERRED SETTINGS

Press briefly to return to personal adjustments (**PREFERENCES** menu)

DISPLAY / ZAPPING

Displays details of the station being watched (programme name and number, time).

```
Zoom 1                    11 : 35
```

Press repeatedly to scroll through the programmes.

PR.- PR.+

```
PR 06    MOVIES
```

PICTURE FREEZE

Press key,
   The picture freezes instantly

The transmission continues

! *The still picture cannot be recorded.*

Press briefly to return to the programme being viewed.

LAST PROGRAMME VIEWED

This function is used to switch rapidly between 2 programmes.

Press the key.
The previously viewed programme is selected.

ZOOM

Press to enlarge or reduce the picture.

ZOOM 0 ➤ ZOOM 1 ➤ ZOOM 1 S/T ➤ ZOOM 2

ZOOM 0 ◀ ZOOM 1 ◀ ZOOM 1 S/T ◀ ZOOM 2

Zoom S/T : image enlarged and moved up for easier reading of subtitles.

Last programme viewed

Display

Picture freeze

Zoom

Zapping

STAND-BY

Press briefly, the Stand-By light turns red to indicate that the set is now in standby.

Stand-By

AUTOMATIC STOP

The set is automatically switched to standby a few minutes after the station being watched stops broadcasting.
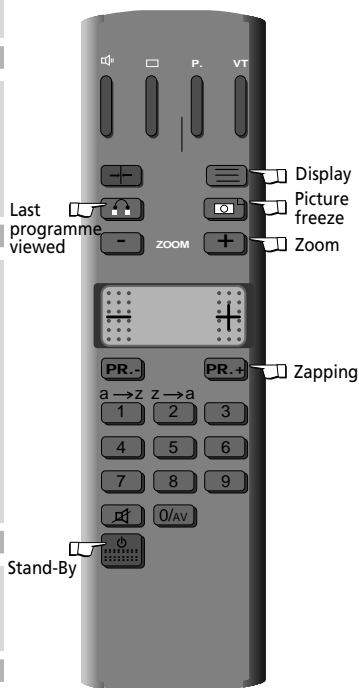
other functions - extras

CLOCK

Select **CLOCK**
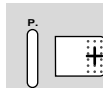
BROWSE   CLOCK   LOCK

▼ Sleep-timer (-/+) - : - -

The **Sleep-timer** line is displayed.

Sleep-timer

Select the **Sleep-timer** line (yellow key).

▼ Sleep-timer (-/+) - : - -

Set the time in steps of 15 minutes (up to 4 hours).
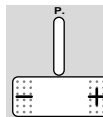
▼ Sleep-timer (-/+) 2 : 1 5

Remove the menu from the screen.
The set will switched to standby at the end of the timer interval.

You can display the time left before the stop time.
Press the TV key briefly

▼ Sleep-timer (-/+) 0 : 0 1

One minute before sleep timer time, the screen displays that sleep
timer is imminent.

! *The standby lamp flashes to indicate the CHILD LOCK state.*

*The television set can only be turned on with the remote
control.*

You may cancel sleep timer command.

Select the **Sleep-timer** line.

▼ Sleep-timer (-/+) 1 : 4 5

Press repeatedly to return to : **- : - -**

Remove the menu from the screen.

▼ Sleep-timer (-/+) - : - -

Putting the television set on standby when a sleep timer
command is programmed, also cancels this function.

Clock (automatic on)

You can programme your television set to switch on
automatically to the programme of your choice.
The internal TV clock must be set to the correct time.

BROWSE   CLOCK   LOCK

▼ Sleep-timer (-/+) - : - -

Press briefly on the key.

Select the **CLOCK** menu**.**

▲ Wake-up time 00:00
    Mode   Off   Once   Daily
    Programme   01
    Current time   00:11
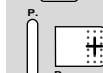
Press twice the yellow key to select the **Wake-up time** line.

The first figure flashes.

other functions - extra

To set the clock to the right time.

| BROWSE | CLOCK | LOCK |

0/AV

6

4

5

Enter the **Wake-up time** using 24 hour format.

▲ Wake-up time   06:45

P.

Select the **Mode** line (yellow key).

Select   **Off** = the alarm is off
Once = the alarm will only go off once
Daily = the alarm will go off everyday

▲ Wake-up time 06:45
Mode   Off   **Once**   Daily
Programme   01
Current time   00:11

! *If a new alarm is programmed, Once is selected automatically.*

Select the **Programme,** line (yellow key).

Select the programme for the alarm.

Remove the menu from the screen.

P.

▲ Wake-up time 06:45
Mode   Off   Once   Daily
Programme   **01**
Current time   00:11

Turn the television set on to standby.
It will turn on automatically at the time programmed and turn off one hour after.

If the set is switched on before the alarm function is actived, it will not switch to the programme selected for the alarm at the programmed time.

It is possible to programme both the automatic switching off (STANDBY) and switching on (ALARM) of the set. In this case the automatic switching on time must be programmed to take place after the switching off time.
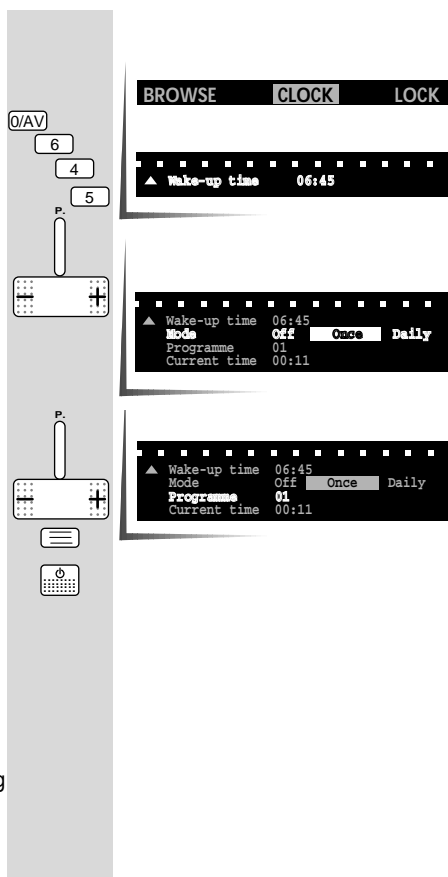
CHILD LOCK

You can prohibit the use of your television set using the keypad.

Use of the TV set is prohibited :
- after the sleep timer function ;
- when the set is switched to standby and a sleep timer command is programmed ;
- when the set is turn off at the mains and a sleep timer command is programmed ;
- when a wake-up command is programmed.
- after switching off the TV set by holding down the standby button on the remote control for more than 3 seconds.
The **CHILD LOCK** function is indicated by the flashing of the indicator lamp.

! *The set can only be switched back on using the remote control.*

other functions - extra

LOCK

BROWSE   CLOCK   LOCK

> Enter your PIN number   - - - -

Press the yellow key
to select the menu **Contents** line,

then the volume (+) key
to select **LOCK**. The following menu is displayed.

Enter your PIN number

> Enter your PIN number   - - -

Press the yellow key briefly to select the line
Enter your PIN number.

> Enter your PIN number   1 1 1
> Store your PIN number (+)

Then enter your PIN number figures
(example : 1111).
The menu displays :

> Enter your PIN number   1 1 1 1
> Store your PIN number (+)

Press the yellow button briefly to select the line
Store your PIN number.

Press the volume (+) key briefly.
The code is stored in the memory and the menu displays :

> Change your PIN number   - - -
> Access the programme list (+)

Change you PIN number

> Change your PIN number   1 2 3 4
> Store your PIN number (+)

Enter the your new code numbers (example : 1234).

The previous menu then returns.

Press the yellow button briefly to select the line
Store your PIN number.

> Change your PIN number   1 2 3 4
> Store your PIN number (+)

Press the volume (+) key briefly.
The new code is stored in the memory and the menu displays :

> Change your PIN number   - - -
> Access the programme list (+)

! *When you enter a code for the first time, the figures replace
the dashes ; where not, the dashes are replaced by an
asterisk.*

> Change your PIN number   * * * *
> Access the programme list (+)

Access the programme list

Press the yellow key briefly to select the line
Access the programme list (+).

BROWSE   CLOCK   LOCK

Press the volume (+) key briefly.
A page of the directory appears depending on the programme
being watched (example : page 1, programme 6 : M6).

> Change your PIN number   - - - -
> Access the programme list (+)

Select the programme you wish to **Lock** or **Unlock :**
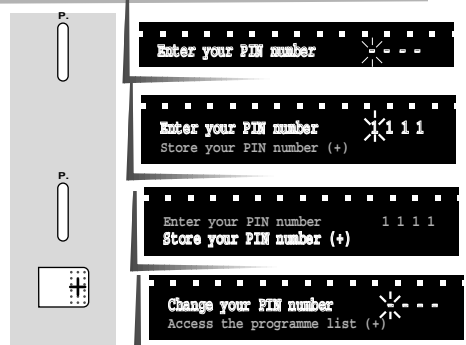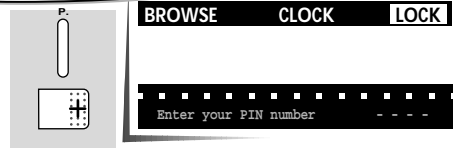
PR.- PR.+
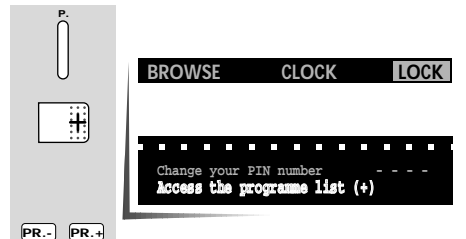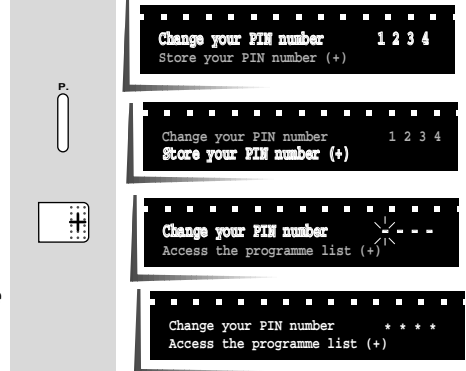
To **Lock**, briefly press the zoom (+) key
the programme locked turns to red,

or

To **Unlock**, briefly press the zoom (-) key
the programme unlocked turns to blue.

To lock or unlock other programmes :

• Select the directory range with the keys

• Select the programme, including the audiovisual programmes AV1, AV2 or AV3 with keys

• **Lock** the programme with the key

• **Unlock** the programme with the key

After locking or unlocking all of the required programmes, erase the menu with the key ▤ .

The locked programmes cannot be obtained using the PR –/+ keys on the remote control and the keypad. If they are selected using the remote control number buttons, the following message is displayed on the screen :

• If you do not enter the right code, the message **Incorrect PIN number** will appear above the first one.
The programme does not change and after a few seconds, both messages disappear.

• If you enter the right code, the programme selected appears immediately.

When the code is entered once to unclock a programme, all of the programes which were locked are also unlocked. The lock will be re-activated after the set is turned off.

ACCESS TO THE STATION TUNING MENUS

When there is at least one programme locked, access to the station tuning menus **Auto-Programming** and **Manual Programming** is also locked.
If you call up one of these menus, the following message appears on the screen.

Briefly press the yellow key to select the line **Enter your PIN number** if it is not already selected.

Enter your code number and the menu appears immediately
If the code is not correct, the message **Incorrect PIN number** appears for a few seconds.

*If you forget your personal code, see last page of instructions booklet .*

ZOOM +
ZOOM −
PR.- PR.+
ZOOM +
ZOOM −

BROWSE   CLOCK   LOCK

PR 06 MOVIES
00   05 S-NEWS
01 BBC 1   06 MOVIES
02 BBC 2   07 M-GOLD
03 I T V   08 M-CHAN
04 CHAN 4 09 CHILD
Select a programme with PR+, PR -
Lock / (Unlock) with ZOOM + / (ZOOM -)

To access this programme
Enter your PIN number

Incorrect PIN number
To access this programme
Enter your PIN number

To access this menu
Enter your PIN number   * * * *

To access this menu
Enter your PIN number

Incorrect PIN number
To access this menu
Enter your PIN number   - - - -

television set
connections set

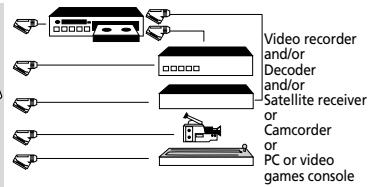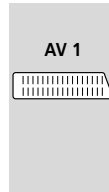## VIDEO RECORDER CONNECTIONS

VIA THE AERIAL SOCKET

To tune your TV into your VCR you should refer to Manual Programming (page 34).
The channel number (usually 36 or 60) is given in the manual of your VCR. The programme selected for your VCR must be 9, 19 or 29.
Whenever you wish to use your VCR, you must select the programme assigned to it.
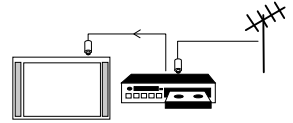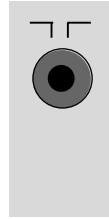
VIA THE EURO-AV SOCKET 1 (AV1)

This is used to connect :
• Satellite receiver or decoder
• a VHS or 8mm video recoder or camcorder (VIDEO)
  or a S-VHS or Hi-8mm video recorder or camcorder (S-VIDEO)
• a PC or video games console (RGB).

AV 1

Video recorder and/or Decoder and/or Satellite receiver or Camcorder or PC or video games console

VIA THE EURO-AV SOCKET 2 (AV2)

This is used to connect :
• a VHS or 8mm (VIDEO), S-VHS or Hi-8mm (S-VIDEO) video recorder.

AV 2

Video recorder and/or Satellite receiver
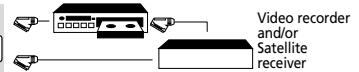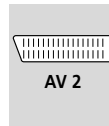
If you have two VCRs connected, the decoder must be connected to the VCR connected to the Euro-AV1 socket.
If you have a satellite receiver, refer to the operating manual in order to find out the type of signal delivered then select VIDEO, S-VIDEO or RGB.
You can also connect it to the decoder socket of the second VCR if the latter is fitted with one.

VIA THE AUDIO/VIDEO/S-VIDEO SOCKETS (AV2)

This is used to connect :
• an S-VHS or Hi-8mm video recorder (S-VIDEO)(S and AUDIO sockets).

In order to maintain the optimum sound and picture quality of your set, it is recommended not to connect 2 units to the Euro- AV1 socket and the AUDIO/VIDEO/S sockets simultaneously.

S-Video   Video   Audio   **(IN)**
                            (OUT)
AV 2
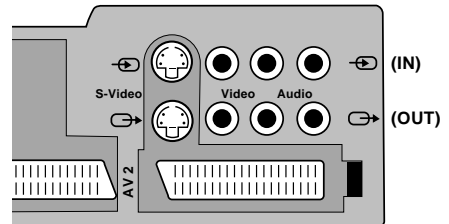
VIA THE AUDIO/VIDEO/S-VIDEO SOCKETS (AV3)

This is used to connect :
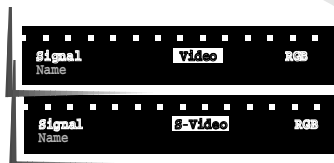• to a camcorder VHS or 8 mm (VIDEO)(VIDEO and AUDIO sockets)
       S-VHS or Hi 8 mm (S-VIDEO)(S and AUDIO sockets).

VIDEO
L
AUDIO
R
S-VIDEO

VHS
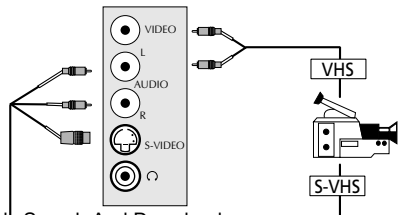
S-VHS

> Your television set selects and automatically displays in the menu the type of signal (Video or S-Video) for the equipment connected.

| Signal | Video | RGB |
| Name | | |

| Signal | S-Video | RGB |
| Name | | |

UNITS CONNECTED

	EURO AV 1	EURO AV 2	AUDIO/VIDEO/ S-VIDEO AV 2 SOCKETS	AUDIO/VIDEO/ S-VIDEO AV 3 SOCKETS
PAY-TV decoder	VIDEO Automatic selection	VIDEO Automatic selection		
Satellite receiver	VIDEO Automatic selection	VIDEO Automatic selection		
Video recorder VHS/S-VHS	VIDEO/S-VIDEO Automatic selection	VIDEO/S-VIDEO Automatic selection		
Camcorder			VIDEO/S-VIDEO Call AV 2 0/AV	VIDEO/S-VIDEO Call AV 3 0/AV
PC / Games console	Select RGB Call AV 1 0/AV			

Name

You may give each piece of equipment connected a name.
Call up the **AV 1, AV 2** or **AV 3** menu.

| AV 1 | AV 2 | AV 3 |

Select the **Signal** line (yellow key).

| Signal | Video | RGB |
| Name | | |

Check the type of signal or select as necessary.

| Signal | S-Video | RGB |
| Name | | |

Select the **Name** line.
The first dash flashes.

| Signal | Video | RGB |
| **Name** | | |

You may enter the name of the channel using 6 characters.
Continue to press, the signs, figures and letters are displayed in alphabetical order.

a →z
1

Continue to press : the letters are shown in reverse order.

z →a
2

When the required character appears, go to next character.

! *To leave a space look for the blank character (between ? and A).*
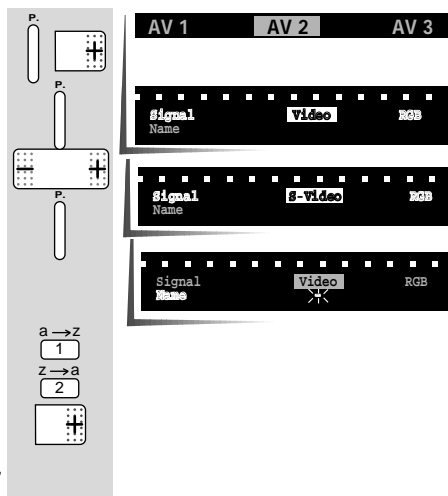
CALLING UP AUDIOVISUAL PROGRAMMES

Press AV to call AV1, AV2 or AV3 programmes in sequence.
In most cases, the television set changes automatically to AV1, AV2 or AV3, when the VCR connected is in play back mode.
When the VCR is stopped, the TV set returns to the station previously watched.

0/AV

! *The TV set changes automatically to 16/9 format if the unit connected supplies the control voltage and if you have selected AUTO from the FORMAT menu.*

television set
connections set

COPYING VIDEO TAPES

It is necessary to have 2 VCRs with the same specifications : 2 VHS/8 mm or 2 S-VHS/Hi-8 mm.

Connect the playback VCR to the Euro-AV1 socket in playback mode.
Connect the recording VCR to the Euro-AV2 socket in recording mode.

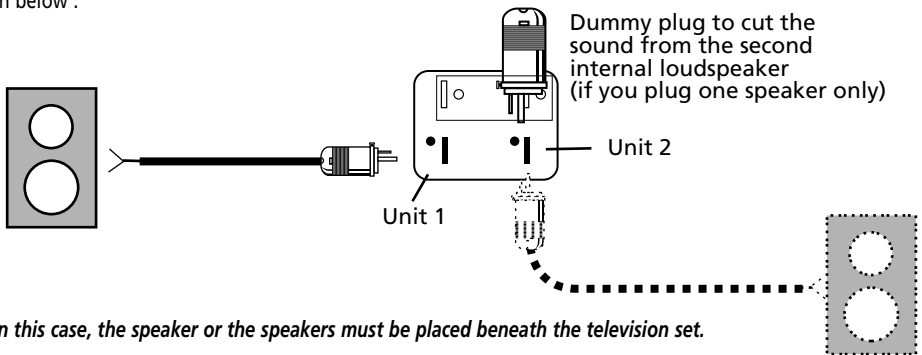! *During the copying of the tape, you can watch the station you are copying.*

	PLAY		CALL UP PROGRAMME	RECORD	
	EQUIPMENT	SOCKET		EQUIPMENT	SOCKET
VHS or S-VHS	Video recorder	Euro-AV 1	AV 1	Video recorder — or — Camcorder	Euro-AV 2 / Audio/S-Video AV 2
	Camcorder	Audio/Video/S-Video	AV 3	Video recorder — or — Camcorder	Euro-AV 2 / Audio/S-Video AV 2

SPEAKERS CONNECTIONS (OTHER OPTIONS)

CENTRAL SPEAKER

• Direct connection
If preferred, one or two speakers can be connected to replace one of the loudspeakers on your television set, as shown below :

Dummy plug to cut the sound from the second internal loudspeaker (if you plug one speaker only)

Unit 2

Unit 1

! *In this case, the speaker or the speakers must be placed beneath the television set.*

CONNECTION TO A HI-FI SYSTEM

To boost the audio power, you may connect a Hi-Fi system, if you have one.

You must however avoid connecting your Hi-Fi and speakers to similar outputs (e.g. Hi-Fi on the CINCH surround socket and speakers on the surround clips).

In this case, the configuration of the television set will match that described on page 15.

! *For a full appreciation of Dolby Surround Pro Logic, your television set should be placed in a spacious room.*
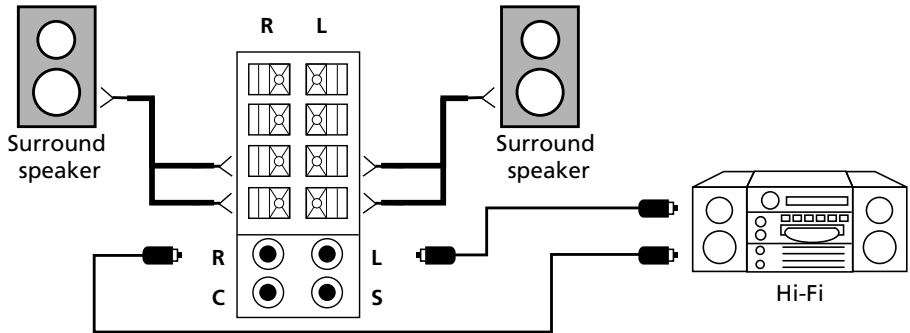
• Dolby Surround Pro Logic
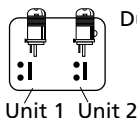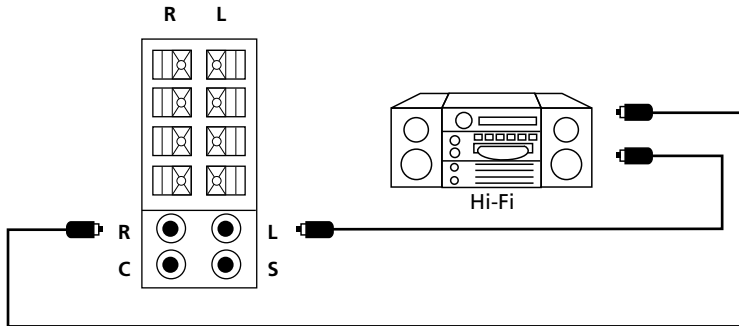

Surround speaker

Surround speaker

Hi-Fi

After making the connection, choose **configuration 4** from the **SPEAKER CONFIGURATION** menu, and **Dolby** from the **LOUDSPEAKERS** menu.

Then proceed to the adjustment of the audio environment.
To do so, call up the **BALANCE** menu (page 17) and proceed as shown.

! *You should also adjust the volume of your Hi-Fi.*

If you have an amplifier or another Hi-Fi :
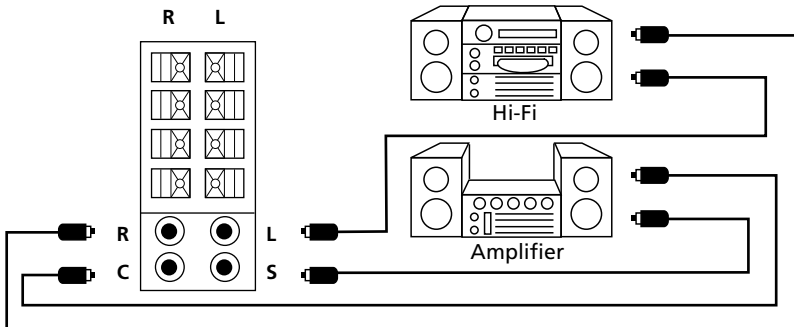
Hi-Fi

Amplifier

Dummy plug :
Cut the sound
from the internal
loudspeaker

Unit 1   Unit 2

Dummy plug :
Cut the sound
from the internal
loudspeaker

After making the connection, choose :
- **configuration 4** from the **SPEAKER CONFIGURATION** menu
- **and Dolby** from the **LOUDSPEAKERS** menu.
Then proceed to the adjustment of the audio environment.
To do so, call up the **BALANCE** menu (page 17) and proceed as show.

! *You should also adjust the volume of your Hi-Fi.*

• WIDE STEREO/Dolby 3 Stereo

After making the connection, choose :
- **configuration 2** from the **SPEAKER CONFIGURATION** menu
- and wide from the **LOUDSPEAKERS** menu to obtain wide stereo
- or **Dolby** to obtain Dolby 3 Stereo sound.
Then proceed to the adjustment of the audio environment.
To do so, call up the **BALANCE** menu (page 17) and proceed as shown.

! *You should also adjust the volume of your Hi-Fi.*

Your television set is equipped to receive teletext. There are 3 types of teletext : • Teletexte (France-Europe),
• Fastext (UK, Spain),
• Toptext (Germany)

! *If you notice writing errors (missing letters) on the teletext pages of French networks (L Standards), check :*
- That you have good reception
! *- That* On *is selected in the* **Teletext Fine Tuning** *line of the* **SET-UP** *menu (see page 10).*

CALLING UP TELETEXT

Select a station on which there is Teletext (for France, TF 1, FR2).

Briefly press the blue key.
The contents page (Page 100) appears automatically.

You may enter the page number required (3 figures).
Example: page 170, enter 1, 7, 0 (the number is displayed at the top left of the screen).
When the page is found, it appears on the screen.

You can move through the pages to select them.

! *While the teletext is displayed, you may adjust or turn off the volume.*
To quit Teletext, press ▤ .
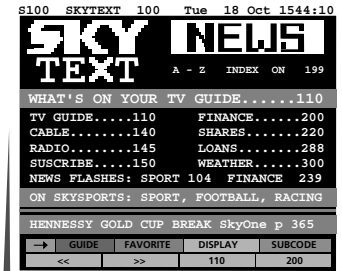
OPTIONS

See next page.

The two menu lines, under the Teletext page, are different, depending on the type of Teletext received (Teletext, Fastext, Toptext) and your selection (see page 32).

You may select different options using the top line of this menu.
These are shown in colour.
Briefly press the corresponding colour key (red, green, yellow, blue).

The menu bottom line is then activated.

To select options from the bottom line, press the equivalent colour button.

! *To return to the first line of the menu, press the pink key.*
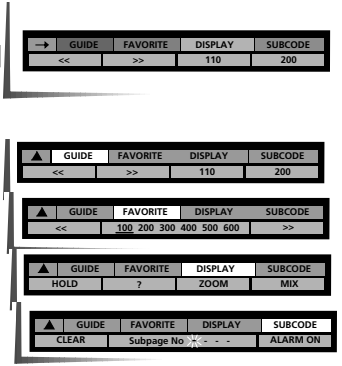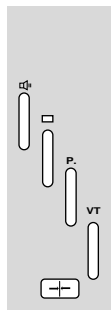
HOW TO SELECT

Repeatedly press the pink key
to select the possible options under the required colour.

Red key : MENU, DIRECT, PREVIEW, GUIDE (Toptext)
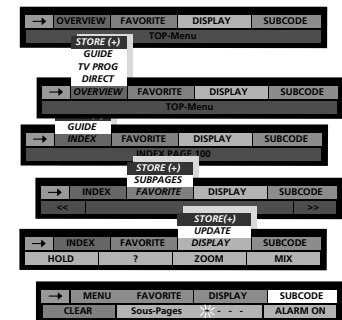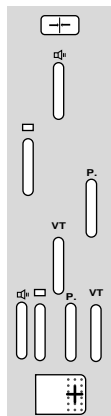INDEX, GUIDE (Teletext or Fastext)

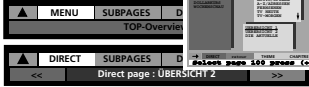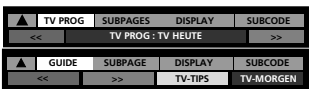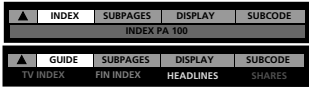**Green key** : FAVORITE, SUBPAGE

Yellow key : DISPLAY, UPDATE
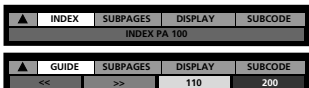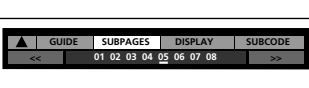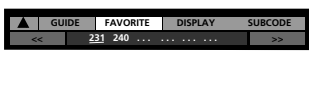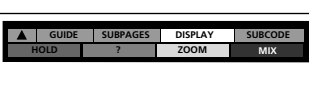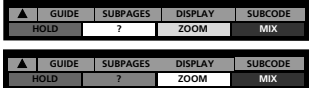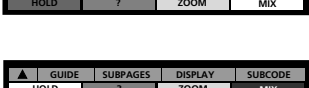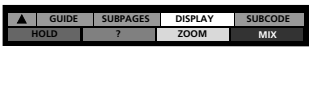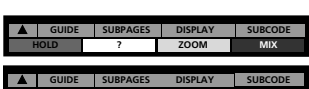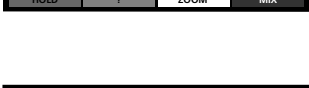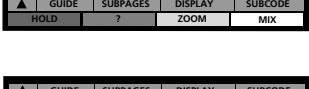
Blue key : SUBCODE.

Briefly press the same colour key
(red, green, yellow or blue) to select.

To save your choice, briefly press the (+) button.

teletext

> When the red ▬ and green ▬ rectangles are displayed in these menus, pressing the red key displays the previous page, pressing the green key displays te next page.

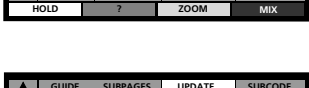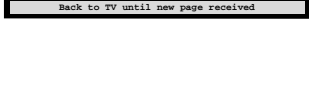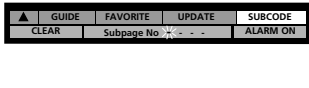| Key	Type	Name	Functions	Menus
Red 🔊	TOPTEXT	MENU	Displays **Toptext** menu (red key).	▲ MENU SUBPAGES D... / TOP-Overview
		DIRECT	Directly displays the **priority pages** determined by the station (red and green keys).	▲ DIRECT SUBPAGES D... / << Direct page : ÜBERSICHT 2 >>
		PREVIEW	Displays **TV programme** page (red and green keys)	▲ TV PROG SUBPAGES DISPLAY SUBCODE / << TV PROG : TV HEUTE >>
		GUIDE	Displays **subject** (yellow key) or **field** (blue key)	▲ GUIDE SUBPAGE DISPLAY SUBCODE / << >> TV-TIPS TV-MORGEN
	FASTEXT	INDEX	Calls up **Contents** page (red key).	▲ INDEX SUBPAGES DISPLAY SUBCODE / INDEX PA 100
		GUIDE	Selects **different heading** (red, green, yellow, blue keys)	▲ GUIDE SUBPAGES DISPLAY SUBCODE / TV INDEX FIN INDEX HEADLINES SHARES
	TELETEXT	INDEX	Displays **Contents** page (red key).	▲ INDEX SUBPAGES DISPLAY SUBCODE / INDEX PA 100
		GUIDE	You may call : ▬ • The **previous page** (red key) ▬ • The **next page** ▬ • The **first page of the next ten after** the page displayed (yellow key) ▬ • The **first page of the next hundred after** the page displayed (blue key). Eg : page displayed : 135 -> page called up : 140 or 200	▲ GUIDE SUBPAGES DISPLAY SUBCODE / << >> 110 200
Green ▢	TOPTEXT FASTEXT TELETEXT	SUBPAGES	Used to display **subpages** if any. The number of the subpage displayed is underlined. Select subpages with red or green keys.	▲ GUIDE SUBPAGES DISPLAY SUBCODE / << 01 02 03 04 05 06 07 08 >>
		FAVORITE	Allows you to store up to 6 of your favourite teletext pages. To store your favourite pages, select one of the 6 locations by using either the red or green keys (the selected location will have its 3-digit number underlined). Then enter the number of the required page. Repeat the process for each favourite page. (There are 6 favourite page locations for each PR number).	▲ GUIDE FAVORITE DISPLAY SUBCODE / << 231 240 ... ... >>
Yellow P.	TOPTEXT FASTEXT TELETEXT	DISPLAY	⚠ *The colour of the buttons depends on the option required.* Option selection. **For games :** Briefly press the green key to see a hidden answer. **To enlarge the text :** yellow key Press once : top half of screen doubled in height. Press twice : bottom half of screen doubled in height. Press three times : return to normal Teletext. **Mix mode :** Briefly press the blue key to overlay the Teletext page on the TV picture. **If you wish to stop page scrolling (eg : 4/7)** Briefly press the red key, the page number replaces «HOLD». Press the red key again to continue scrolling.	▲ GUIDE SUBPAGES DISPLAY SUBCODE / HOLD ? ZOOM MIX ▲ GUIDE SUBPAGES DISPLAY SUBCODE / HOLD ? ZOOM MIX ▲ GUIDE SUBPAGES DISPLAY SUBCODE / HOLD ? ZOOM MIX ▲ GUIDE SUBPAGES DISPLAY SUBCODE / HOLD ? ZOOM MIX ▲ GUIDE SUBPAGES DISPLAY SUBCODE / HOLD ? ZOOM MIX
		UPDATE	**Automatic renewal of the page displayed.** Press the yellow key, you can watch your TV programme while waiting for page search to complete. When the page is found, the message «PAGE XXX RECEIVED» appears on the screen. Press the blue button to display the page.	▲ GUIDE SUBPAGES UPDATE SUBCODE / Back to TV until new page received
Blue VT	TOPTEXT FASTEXT TELETEXT	SUBCODE	Enter the **subpage** number (eg : 0009). Press the green key. The TV picture is displayed and as soon as the subpage is found, it is displayed.	▲ GUIDE FAVORITE : UPDATE SUBCODE / CLEAR Subpage No ... ... ALARM ON

SUBTITLES

Some programmes are transmitted with subtitles for the hard of hearing. These subtitles are received via Teletext on a special page number. They can be superimposed on the screen by selecting that page in Teletext mode. Find the appropriate page number from the Teletext Index page. Enter the number and once the page has been found, you will see the normal TV programme with the subtitles superimposed on it.

To erase the subtitles, press twice the key ▤.

NEWS FLASH

The latest news can be superimposed on the television picture. Look up the teletext index to find the page number and enter it. Once the page has been found, you can watch the normal television programme. When the lastest news page is updated it will be superimposed on the picture.

The remote control can be used for sound and picture settings again. If you switch to another station, the «Latest news» function is disabled.

If after having seen these news you wish to remove the

display from the screen, press the blue key ⏐

followed by the key ▤ .

ALARM

If the teletext transmits an alarm page, you can make it come up at a set time.
While entering the number of the alarm page (E. G. TVE : 697, ORF : 784). Then enter the digits to choose the time (e.g., for 20.45, type 2, 0, 4, 5) and hold down the last digit until the tele-text is removed.
At the chosen time, the alarm page will appear on the screen.

To erase the alarm page, first press the blue key ⏐

then the key ▤ .

manual programming

You may use this channel adjustment menu if you do not wish to restart auto programming (where there are only few channels in your area or if a new channel is transmitting).

PROGRAMME

The following menu is displayed :
TUNING is selected

! *If this is not the case, select the contents line using the yellow key ⌷ and TUNING with the key ⊞ ⊞ .*

! *If the menu is not in English, refer to the INSTALLATION chapter, page 10.*

```
TUNING        AV1   AV2   AV3
Norm (-/+)       PAL I (UK)
Decoder          None    AV1   AV2
Search              —————I—————
Channel          CH 22
Cable            CC --
Programme        02
Fine Tuning         —————I—————
Station name     BBC 2
Erase (-)        Store (+)
Access to the organiser (+)
```

Norm

Select the **Norm (-/+)** line (yellow key).

Select the broadcasting standard :
PAL/SECAM BG (Euro) : Western Europe (BG)
FRANCE : France and Luxembourg (LL')
PAL BG+ : Special standards (Switzerland)
SECAM DKK' : Eastern Europe, Middle Eadt (DKK')
PAL I (UK) : United Kingdom, Ireland (I)

```
TUNING        AV1   AV2   AV3
Norm (-/+)       PAL I (UK)
Decoder          None    AV1   AV2
Search              —————I—————
Channel          CH 22
Cable            CC --
Programme        02
Fine Tuning         —————I—————
Station name     BBC 2
Erase (-)        Store (+)
Access to the organiser (+)
```

Decoder

This function allows you to access programmes using the PR –/+ keys (zapping).
Select **Decoder** line (yellow key).

Select one of the options :
None = no decoder
AV1 = Decoder connected to Euro-AV1 socket
AV2 = Decoder connected to Euro-AV2 socket.

```
Norm (-/+)       PAL I (UK)
Decoder          None    AV1   AV2
Search              —————I—————
Channel          CH 22
Cable            CC --
Programme        02
Fine Tuning         —————I—————
Station name     BBC 2
Erase (-)        Store (+)
Access to the organiser (+)
```

Channel/Cable

! *If you do not know the channel numbers.*

Select the **Search** line (yellow key).

Start the search by pressing :
+ : for forward channel search
- : for backward channel search.
The cursor indicates the part of the range in which it is performing the search.
The channel numbers are displayed on
• **Channel** line when received via an aerial
or
• **Cable** line for cable networks.

```
TUNING        AV1   AV2   AV3
Norm (-/+)       PAL I (UK)
Decoder          None    AV1   AV2
Search              —————I—————
Channel          CH 22
Cable            CC --
Programme        02
Fine Tuning         —————I—————
Station name     BBC 2
Erase (-)        Store (+)
Access to the organiser (+)
```

Once a station has been received, the picture appears on the screen. If the picture, corresponds to the station required, go to the **Programme** line, otherwise continue the search, with (+).

! *If you already know the channel numbers.*

Select the line
• **Channel** for TV channels (aerial) or
• **Cable** for cable networks.
Enter the channel number (it must have 2 digits)
e.g. : for channel 6, enter 0 and then 6.

```
TUNING        AV1   AV2   AV3
Norm (-/+)       PAL I (UK)
Decoder          None    AV1   AV2
Search
Channel          CH 22
Cable            CC --
Programme        02
Fine Tuning         —————I—————
Station name     BBC 2
Erase (-)        Store (+)
Access to the organiser (+)
```

0/AV   6

manual programming

Programme

Select the **Programme** line (yellow key).

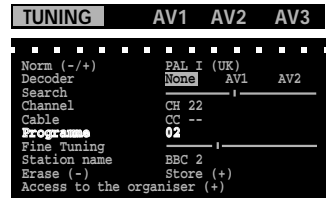Enter the station number.

Programme 1 to 9 :
Press the corresponding digit briefly (eg: 03, press 3).

Programme 10 to 99 (eg : 52) :
Briefly press 5 to display the tens :   **5 -**

Briefly press 2 to display the units :   **5 2**
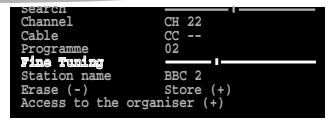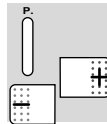
```
P.
┌┐
││
└┘

┌───┐
│ 3 │
└───┘

┌───┐
│ 5 │
└───┘
z→a
┌───┐
│ 2 │
└───┘
```

```
TUNING      AV1  AV2  AV3
· · · · · · · · · · · · ·
Norm (-/+)        PAL I (UK)
Decoder           None   AV1   AV2
Search            ────────┃────────
Channel           CH 22
Cable             CC --
Programme         02
Fine Tuning       ────────┃────────
Station name      BBC 2
Erase (-)         Store (+)
Access to the organiser (+)
```

Optional :
To be used if the picture is not clear or for searching
for a specific source, for example, a video recorder channel

Fine Tuning

Select **Fine Tuning** line (yellow key).

+ : sharper picture contours or search higher in the range
− : softer picture contours or search lower in the range.

```
Search            ────────┃────────
Channel           CH 22
Cable             CC --
Programme         02
Fine Tuning       ────────┃────────
Station name      BBC 2
Erase (-)         Store (+)
Access to the organiser (+)
```

Station name
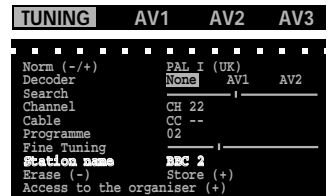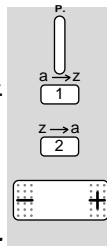
Select the **Station name** line (yellow key).
The station name can be written in 6 characters.
Hold down the button : the characters are displayed in ascending order.
Hold down the button : the characters are displayed in the descending order.
When the required character appears, press these buttons to go the next or previous character.

! *To leave a space look for the blank character (between ? and A).*

```
a→z
┌───┐
│ 1 │
└───┘
z→a
┌───┐
│ 2 │
└───┘
```

```
TUNING      AV1  AV2  AV3
· · · · · · · · · · · · ·
Norm (-/+)        PAL I (UK)
Decoder           None   AV1   AV2
Search            ────────┃────────
Channel           CH 22
Cable             CC --
Programme         02
Fine Tuning       ────────┃────────
Station name      BBC 2
Erase (-)         Store (+)
Access to the organiser (+)
```

Erase / Store

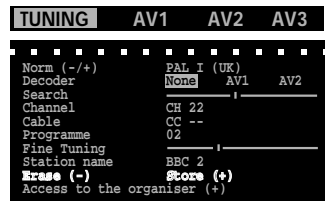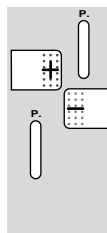Press yellow key to select **Erase (-) Store (+)** line.

Briefly press, your channel is stored in the memory.

If you wish to **Erase**, press

! *Continue the search for a different station.*
Search and store all the stations by repeating the above procedure starting from Search, Channel or Cable.
• *Repeat the process for the next programme/station starting from NORM.*

```
TUNING      AV1  AV2  AV3
· · · · · · · · · · · · ·
Norm (-/+)        PAL I (UK)
Decoder           None   AV1   AV2
Search            ────────┃────────
Channel           CH 22
Cable             CC --
Programme         02
Fine Tuning       ────────┃────────
Station name      BBC 2
Erase (-)         Store (+)
Access to the organiser (+)
```

Access to the organiser

When all the channels or the new channel have been retrieved, you can access the channels management menu.
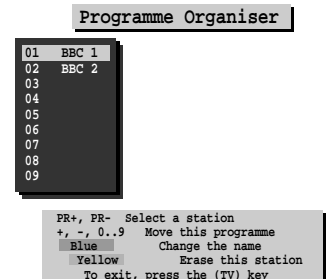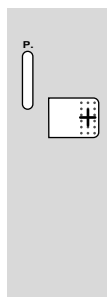Select the line **Access to the organiser** (yellow key)

The menu **Programme Organiser** appears.
Proceed as explained on page 7 to list the channels in the order required by you and to give them a name if this has not already been done.

To return to the **TUNING** menu
press once on the key ▤ .

To clear the menus

press twice on the key ▤

```
Programme Organiser

01   BBC 1
02   BBC 2
03
04
05
06
07
08
09

PR+, PR-   Select a station
+, -, 0..9  Move this programme
 Blue        Change the name
 Yellow       Erase this station
   To exit, press the (TV) key
```
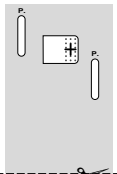
! We recommend you cut out this sticker to keep it hidden from the children.

IF YOU NO LONGER REMEMBER YOUR PERSONAL CODE

Press the yellow button to select the menu **Contents** line,
then the (+) button to select **LOCK**.

Press the yellow button to select the line **Enter your PIN number.**
Press simultaneously the ☐ and ☐ buttons on the TV.

The old code is then erased and you may enter a new one.
After changing code, it is not necessary to relock the programs which were already locked.

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